



Wise Bed Manager

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Some of the important benefits

by Wise Technologies, Ltd.

Using Wise Bed Manager you get following:

- for emergencies, patient waiting time is greatly reduced*
- lower number of cancelations due to insufficient beds in surgery unit*
- higher number of patient admissions appropriate to their hospitalization needs*

For more information please visit us at www.wise-t.com/bm

Wise Bed Manager

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Part



1 Installation

1.1 Unix

You must have one of Unix-like operating systems (Linux, Solaris, SunOS, FreeBSD, CentOS, etc) installed on your server.

1.1.1 Operating System

Any Unix-like system will work, but some of the most common are given below:

- Fedora Core: <http://fedoraproject.org>
- Red Hat Enterprise Linux: <http://www.redhat.com/rhel>
- FreeBSD: <http://www.freebsd.org>
- CentOS: <http://www.centos.org>
- OpenSolaris: <http://www.opensolaris.org>
- Ubuntu: <http://www.ubuntu.com/>
- Debian: <http://www.debian.org/>

1.1.2 Software Tools

Required software tools

1.1.2.1 MySQL

MySQL database server version 5.0.45 or above

1.1.2.1.1 Installation

Download and install the MySQL server from <http://dev.mysql.com/downloads/>

1.1.2.1.2 Configuration

Configure MySQL server to use Unicode by default.

Find your MySQL configuration file (on most systems it's `/etc/my.cnf`) and make sure it's got the following statements under the relevant headers:

```
[mysqld]
default-character-set=utf8
default-collation=utf8_general_ci
character-set-server=utf8
collation-server=utf8_general_ci
init-connect='SET NAMES utf8'
[client]
default-character-set=utf8
```

Restart MySQL and make sure it's working:

```
> service mysql restart
> mysql -u root -ppassword
mysql> SHOW VARIABLES LIKE 'collation%';
+-----+-----+
| Variable_name      | Value                |
+-----+-----+
| collation_connection | utf8_general_ci     |
```

```

| collation_database | utf8_general_ci |
| collation_server  | utf8_general_ci |
+-----+
mysql> SHOW VARIABLES LIKE 'character_set%';
+-----+
| Variable_name      | Value           |
+-----+
| character_set_client | utf8           |
| character_set_connection | utf8          |
| character_set_database | utf8           |
| character_set_filesystem | binary         |
| character_set_results | utf8           |
| character_set_server  | utf8           |
| character_set_system  | utf8           |
| character_sets_dir    | /usr/share/mysql/charsets/ |
+-----+

```

1.1.2.2 Apache HTTP

Apache HTTP server 2.0.63 or above

1.1.2.2.1 Installation

Download Apache HTTP server from <http://httpd.apache.org>

Install Apache HTTP server in `/path/to/your/apache` directory, and refer to this location as `$HTTP_HOME` in a further text

1.1.2.2.2 Configuration

Define `/path/to/your/project` directory on your system, and refer to this location as `$PROJECT_HOME` in a further text.

Configure HTTP server by editing `$HTTP_HOME/conf/httpd.conf`

- a. Set directive `User` to whoever has the User ownership over `$PROJECT_HOME/bedmanager` directory
- b. Set directive `Group` to whoever has the Group ownership over `$PROJECT_HOME/bedmanager` directory
- c. Set directive `DocumentRoot` `$PROJECT_HOME`
- d. Set directive `<Directory "$PROJECT_HOME">`
- e. Set directive `DirectoryIndex` `index.html index.htm index.php`
- f. Set directive `Listen` `80`
- g. Make sure directive `AddDefaultCharset UTF-8` is commented out
- h. `AddType application/x-httpd-php .php`
- i. `AddType application/x-httpd-php-source .phps`

1.1.2.2.3 Starting

Start HTTP server as a root:

```
> $HTTP_HOME/bin/apachectl start
```

1.1.2.3 Libraries

Following libraries are required for PHP which uses them as extensions

1.1.2.3.1 GD

GD library 2.0.35 or above from <http://php.net/gd>.

If installing from binary RPM's, then both `gd` (base), and `gd-devel` (development) packages are required.

1.1.2.3.2 Zlib

Zlib library 1.2.3 or above from <http://www.php.net/zlib>.

If installing from binary RPM's, then both `zlib` (base), and `zlib-devel` (development) packages are required.

1.1.2.3.3 Gettext

Gettext library 0.16.1 or above from <http://www.php.net/gettext>.

If installing from binary RPM's, only `gettext` (base) is required.

1.1.2.3.4 Curl

Curl library 7.16.4 or above from <http://www.php.net/curl>.

If installing from binary RPM's, then both `curl` (base), and `curl-devel` (development) packages are required.

1.1.2.3.5 libjpeg

Source files for libjpeg library can be downloaded from <http://www.ijg.org>. Binary RPM's for libjpeg 6b-38 and above can be found at www.rpmfind.net/linux/RPM/libjpeg.html.

If installing from binary RPM's, then both `libjpeg` (base), and `libjpeg-devel` (development) packages are required.

1.1.2.3.6 Freetype

Freetype library 2.3.4 or above from: <http://www.freetype.org/>.

Both `freetype` (base), and `freetype-devel` (development) packages are required.

1.1.2.3.6.1 Installation

Freetype is installed by default in `/usr/lib` but we will refer to this location as `$FREETYPE_HOME` in a further text

1.1.2.4 PHP

PHP 5.2.6 or above

1.1.2.4.1 Installation

Download PHP from <http://www.php.net>

It must be configured to use following libraries:

- MySQL

- GD
- Zlib
- Gettext
- Freetype

Configure Command in your `phpinfo.php` should display following:

```
./configure --with-apxs2=$HTTP_HOME/bin/apxs --with-mysql --with-gd --with-zlib
--with-gettext --enable-mbstring --with-curl --with-jpeg-dir --with-freetype-dir=$FREETYPE_HOME
```

1.1.2.4.2 Configuration

PHP uses `php.ini` (on most systems it's `/usr/local/lib/php.ini`) as a main configuration file.

Bedmanager requires `php.ini` directives below to be set as following:

```
short_open_tag=Off
```

1.1.3 Project

Project consists of application source files

1.1.3.1 Installation

As mysql root user, log in and create bedmanager database with following:

```
> mysql -u root -ppassword
> create database bedmanager default character set utf8 collate utf8_general_ci;
```

Move zipped distribution file you received from us to `$PROJECT_HOME`

Unpack zipped distribution file with:

```
> unzip bedmanager.zip
```

This will create `$PROJECT_HOME/bedmanager` directory with project source files inside

Go to `$PROJECT_HOME/bedmanager/db` directory and load the database with following:

```
> cd $PROJECT_HOME/bedmanager/db
> mysql -u root -ppassword bedmanager < bedmanager-schema.sql
> mysql -u root -ppassword bedmanager < bedmanager-initial.sql
```

1.1.3.2 Testing

Open your web browser and type in the following URL: `http://your.server.hostname/bedmanager`

You can log in using following accounts provided by default at application startup:

- a) System Administrator (admin/admin). In case you delete default System Administrator by mistake, at any time you can use rescue account (rescue/rescue)
- b) Executive (executive/executive)
- c) Bedmanager (bedmanager/bedmanager)
- d) Nurse (nurse/nurse)

1.2 Windows

You must have a supported version of Windows installed on your server.

1.2.1 Operating System

Following versions are supported:

- Windows XP
- Windows Vista
- Windows Server 2003
- Windows Server 2008
- Windows Server 2012
- Windows Server 2016
- Windows 7
- Windows 8
- Windows 8.1
- Windows 10

1.2.2 Software Tools

Required software tools are MySQL, Apache and PHP. They can be installed separately but the easiest way is to install WampServer 2.0 (or later)

1.2.2.1 WAMP

WampServer 2.0 or above

1.2.2.1.1 Installation

Download and install the WampServer from <http://www.wampserver.com>

1.2.2.1.2 MySQL configuration

Configure MySQL server to use Unicode UTF-8 encoding by default.

From WampServer tray icon menu open your MySQL configuration file (my.ini) and add next lines at the end of the file:

```
default-character-set=utf8
default-collation=utf8_general_ci
```

1.2.2.1.3 PHP configuration

To configure PHP extensions, from WampServer tray icon menu open "PHP/PHP extensions" and set `php_gd2`, `php_gettext` and `php_mysql` extensions.

Bedmanager requires `php.ini` directives below to be set as following:

```
short_open_tag=Off
```

1.2.3 Project

Project consists of application source files

1.2.3.1 Installation

Unpack Bedmanager zipped distribution file to \$PROJECT_HOME. This will create \$PROJECT_HOME/bedmanager directory with project source files inside.

As mysql root user, log in and create bedmanager database as following.

From command prompt window navigate to the WampServer mysql bin directory (under C:\Program Files\wamp\bin\mysql path) and execute following commands:

```
> mysql -u root -ppassword
> create database bedmanager default character set utf8 collate utf8_general_ci;
> $PROJECT_HOME/bedmanager/db/bedmanager-schema.sql
> $PROJECT_HOME/bedmanager/db/bedmanager-initial.sql
```

NOTE: MySql commands can be executed also from phpMyAdmin web interface which is part of the WampServer.

Configure Apache alias directory for Bedmanager application.

From WampServer tray icon menu start "Apache/Apache directories/Add an alias" option. Enter \$PROJECT_HOME/bedmanager as alias path and enter bedmanager alias name.

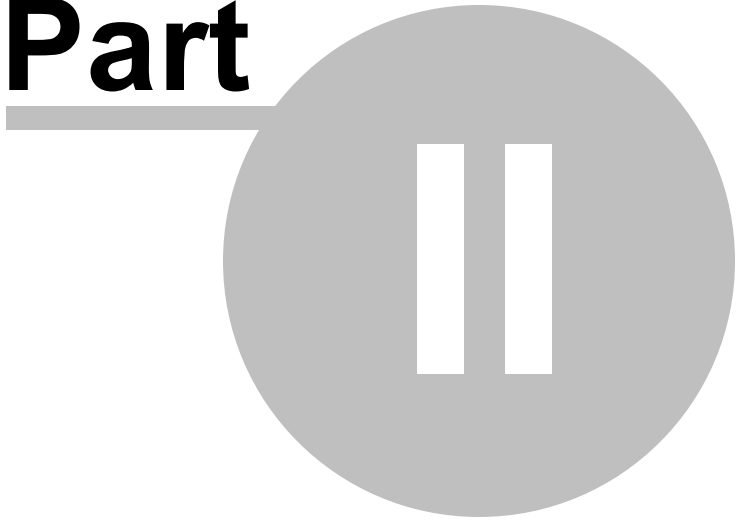
1.2.3.2 Testing

Open your web browser and type in the following URL: <http://your.server.hostname/bedmanager>

You can log in using following accounts provided by default at application startup:

- a) System Administrator (admin/admin). In case you delete default System Administrator by mistake, at any time you can use rescue account (rescue/rescue)
- b) Executive (executive/executive)
- c) Bedmanager (bedmanager/bedmanager)
- d) Nurse (nurse/nurse)

Part



2 Usage

2.1 Introduction

A standard web browser is the only requirement for the Wise Bed Manager application.

Supported browsers:

- Internet Explorer 7 and newer
- Mozilla Firefox 3.0 and newer
- Google Chrome 2.0 and newer

Required monitor resolution:

- 1280x1024

2.1.1 Starting the application

To start the application open your web browser and type in the location bar the address of Wise Bed Manager. The address should look like: **http://your.server/bedmanager** and is provided by your IT.

2.1.2 Accessing the application

The login page is the access point to the application. Only authorized users have access beyond this page.

A screenshot of the login page for the Wise Bed Manager application. The page has a light beige background. At the top, there is a header bar with the word 'Login' in a dark font. Below the header, there are two input fields: 'Username:' and 'Password:'. Below the password field, there is a checkbox labeled 'Remember user on this machine:'. At the bottom right of the form area, there is a 'Submit' button.

Login

Username:

Password:

Remember user on this machine:

Submit

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In the *username* and *password* fields enter your credentials received from the administrator. Check *Remember user on this machine* if you want to have your login data filled in automatically every time. Click the *Submit* button. After a certain period of inactivity you will be redirected back to this login page for security purposes.

2.1.3 User types

Each user of the application is member of one of the following user groups:

- Nurse
- Bed manager
- System Administrator
- Executive

Providing a valid username and password on the login page, the application automatically opens a corresponding dashboard panel for your user type.

2.2 Nurse

A user with the user type *nurse* can:

- add new patients
- move patients between rooms and beds of her/his unit
- update the patient's data
- discharge the patients
- propose to the bed manager to transfer the patient to another unit
- update the bed statuses
- change the equipment at the beds

2.2.1 Introduction

This manual is organized in the following chapters:

- Introduction
- Unit view
- How to...

It walks you through all the functionalities in a simple way.

2.2.1.1 Starting the application

To start the application open your web browser and type in the location bar the address of Wise Bed Manager. The address is provided by your IT and should look like: `http://your.server/bedmanager`.

2.2.1.2 Accessing the application

The login page is the access point to the application. Only authorized users have access beyond this page.



Login

Username:
 Password:
 Remember user on this machine:

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In the *username* and *password* fields enter your credentials received from the administrator. Check *Remember user on this machine* if you want to have your login data filled in automatically every time. Click the *Submit* button. After a certain period of inactivity you will be redirected back to this login page for security purposes.

2.2.2 Unit view

Upon a successful login you are presented with the view of your unit:

The user interface is composed of different elements. They will be explained in the following sections.

2.2.2.1 Toolbar

The Toolbar provides the following information:



Unit: 1, DERMATOLOGY CLINIC - Department A indicates the unit and the clinic's name.

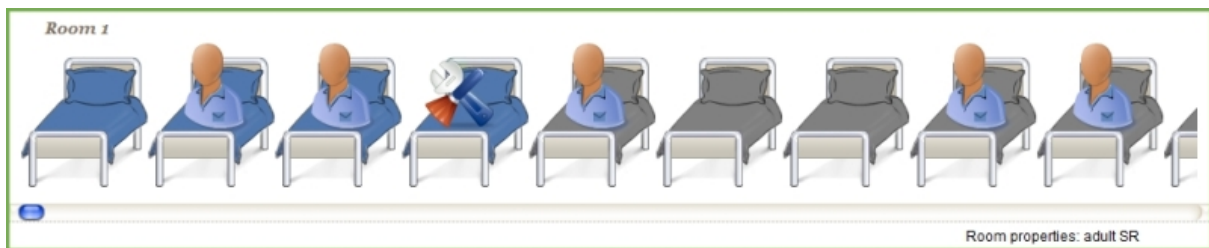
View log button opens the Logs List where the logs of the actions performed by the user are displayed.

Change password opens a window where you can change your password.

Log out button logs you out the application.

2.2.2.2 Rooms

A room managed by your unit is displayed like in the following image.



All the beds of a room are displayed one beside another. Your screen may be too narrow to display them all at once so a horizontal scrollbar is provided. If your unit manages more than one room they are listed below.

Room name (number)

The room name (number) is displayed in the top left corner ("Room 1" in the example above).

Room properties

The bottom right corner of the room there are the *Room properties* listed. They are optional.

A room can be limited to children or adults. If this is the case minor (adult) is listed.

If a room is of a special type it is also listed. SR (standard room) is the type of the example room. A room type can have a colored frame - green in this case. All the SR rooms have a green frame. This is an example, you may have different room types and/or colors defined.

Beds

A bed is occupied if there is a patient icon on it and available if there is nothing on it.

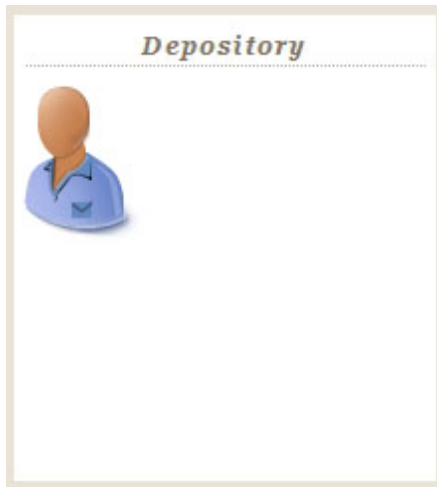
Some beds may be under maintenance like the fourth bed which has a brush and tool on it. Patients cannot be moved to a room under maintenance. (See the chapter "Update bed properties").

Each bed belongs to a specific type and each type has a unique color defined in order to make the beds easier to locate.

2.2.2.3 Depository

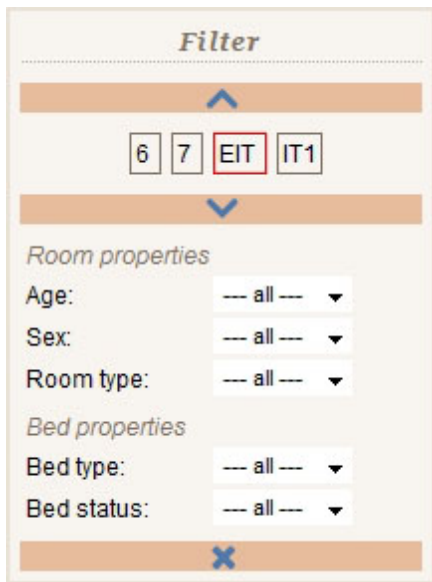
The depository is located on the right-hand side. It is used as a temporary place to store a patient while moving between beds or rooms or units. A patient can be also sent to your unit by the Bed manager and he/she will appear here as a green figure.

The depository looks like this:



2.2.2.4 Filter

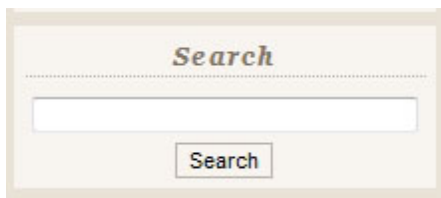
The filter helps you to find a specific bed. It limits the displayed rooms according to the selected parameters (the room number, room properties and/or bed properties).



The image shows a 'Filter' menu with a title bar and a close button (X). Below the title bar are four filter buttons: '6', '7', 'EIT', and 'IT1'. The 'EIT' button is highlighted with a red border. Below the buttons are two sections: 'Room properties' and 'Bed properties'. The 'Room properties' section includes 'Age: -- all --', 'Sex: -- all --', and 'Room type: -- all --'. The 'Bed properties' section includes 'Bed type: -- all --' and 'Bed status: -- all --'. A blue arrow points up from the top bar, and a blue arrow points down from the bottom bar.

2.2.2.5 Search

You can search for a patient among your unit using the search field.



The image shows a 'Search' field with a title bar and a search button. The search field is empty and has a light gray border. The search button is located below the search field and has the text 'Search' on it.

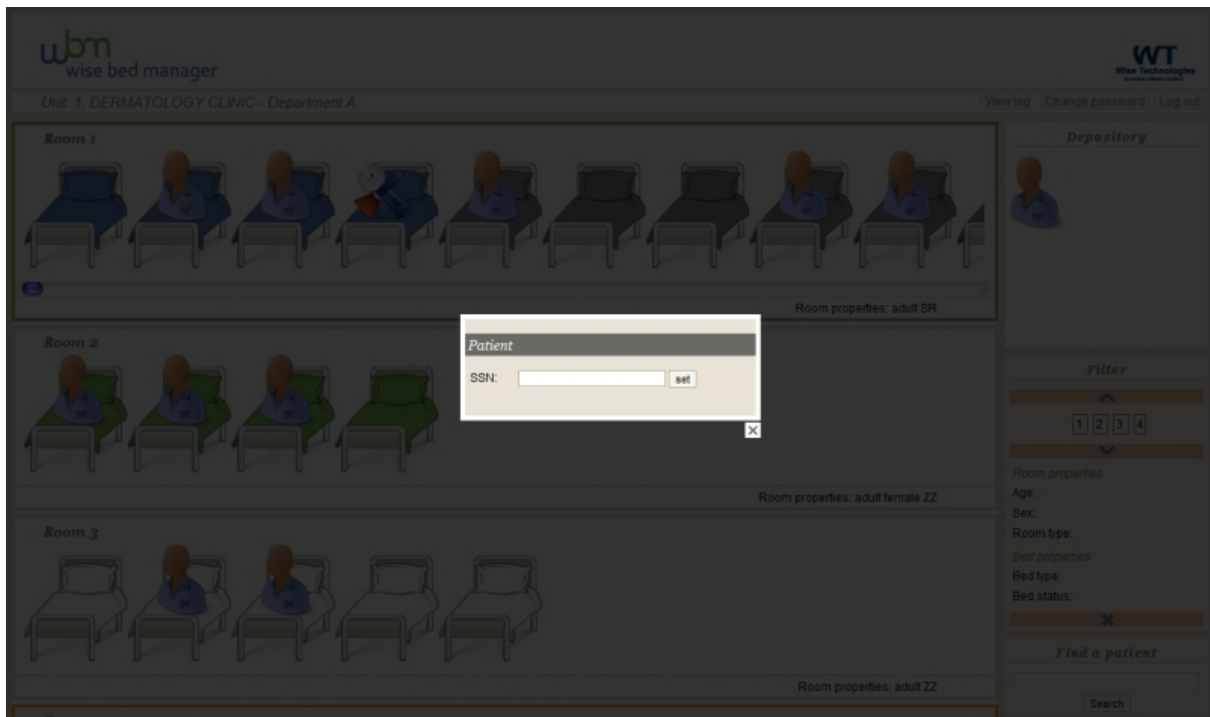
Enter a name or a surname or a SSN of the patient you are looking for.

2.2.3 How to...

This section provides examples on how to use the application's functionalities.

2.2.3.1 Insert a new patient

To insert a new patient just click on an empty bed. The following menu will be displayed:



Insert the patient's SSN (social security number) and press the Enter key or click on the *Set* button. The patient will appear on the bed. The application searches the database for the patient's data and updates them accordingly.

To cancel the operation click outside the window or the "X" at the bottom-right.

2.2.3.2 Move a patient to another bed

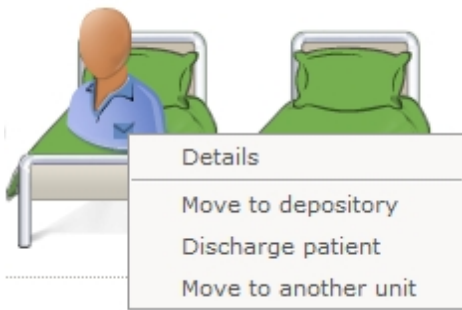
To move a patient to another bed, whether it is in the same room or not, simply drag the patient's image and drop it to the designated empty bed.

Move a cursor to the patient's image, click and hold the left mouse button, move the cursor to the empty bed and release the left mouse button.



2.2.3.3 Patient's context menu

Right-clicking on the patient a context menu is displayed.



Details – opens the patient’s details window where her/his data can be edited.

Move to depository – moves the patient to the Depository (you can also drag the patient to it).

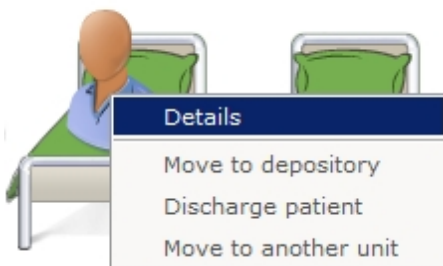
Discharge patient – discharges the patient (a confirmation box is displayed).

Move to another unit – proposes to the bed manager to move the patient to another unit.

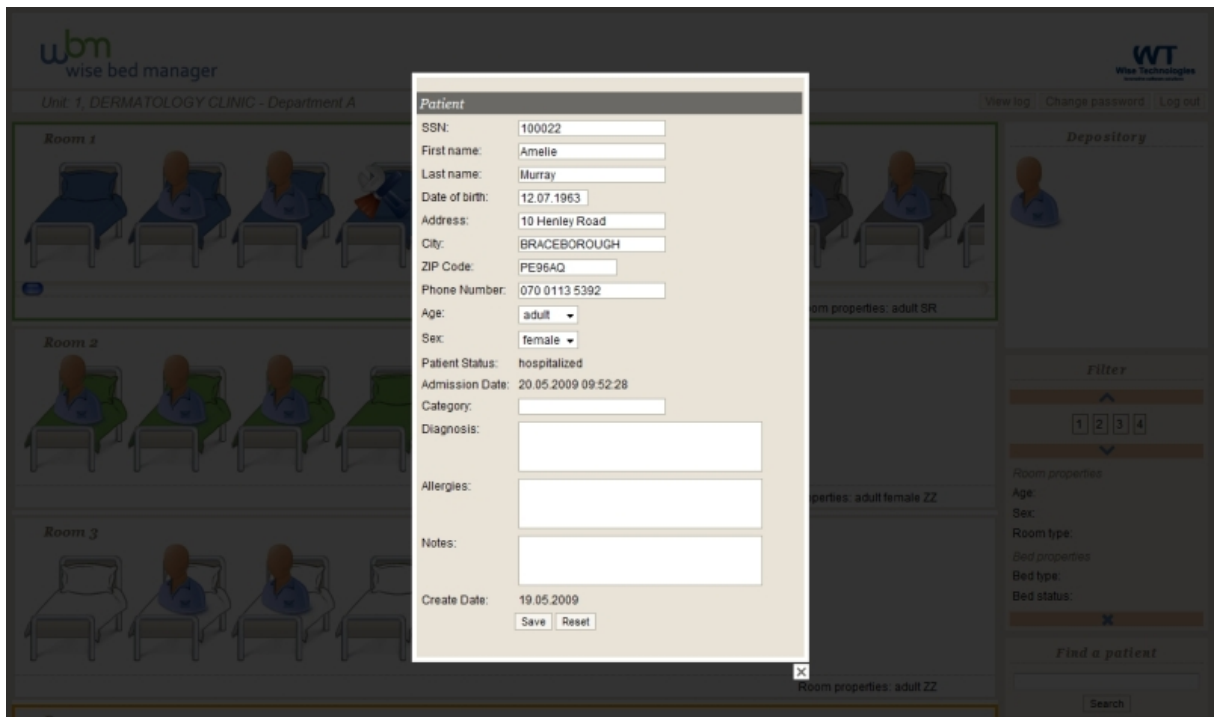
2.2.3.4 Edit patient's data

When the patient is newly assigned on the bed only his SSN is entered and the application takes care of the other data. This data can be viewed and modified.

Right-click on the patient and selecting Details from the context menu.



The following window appears where you can review the data.



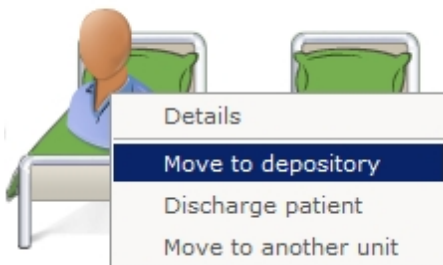
To save the data click the button Save (the window will close after that). The button Reset returns the data to the original state.

If you want to close the window without saving any changes click outside the window or the "X" at the bottom-right.

2.2.3.5 Moving a patient to/from the Depository

To move a patient to the depository just drag her/him there. Press the left mouse button on the patient and while holding the button move the patient to the *Depository* and release the button.

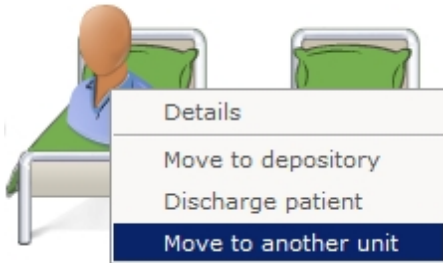
Alternatively you can right-click on the patient and select *Move to depository* in the context menu.



In the same way you can move the patient to an empty bed. Drag the patient's image from the depository to the bed and release the mouse button.

2.2.3.6 Moving a patient to another unit

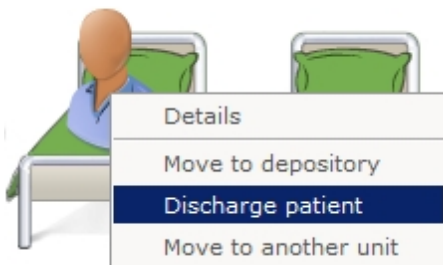
Right-click on the patient and select *Move to other unit*.



The bed manager is notified you want the patient relocated and he will find a suitable accommodation. The patient remains on the bed until another unit accepts her/him.

2.2.3.7 Discharge a patient

Right-click on the patient and select *Discharge patient*.



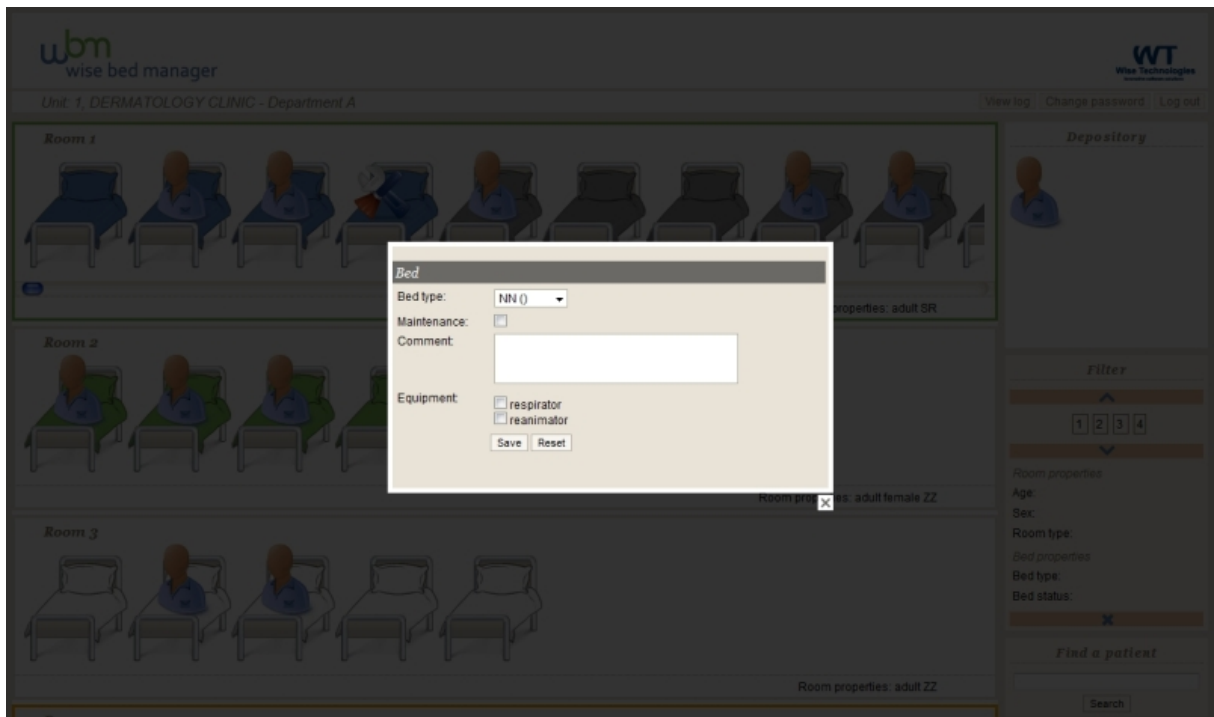
A confirmation message appears where you confirm or cancel the action.

2.2.3.8 Update bed properties

Right-clicking on a bed a menu appears:



By clicking on *Bed details* you are presented a screen where the bed properties can be changed:



After changing these data you have to press the button Save to make the changes permanent. If you want to discard the changes just click outside the window or the “X” at the bottom-right.

The first drop-down list contains all the bed types.

The checkbox *Maintenance* puts a bed in the state of maintenance and no patient can be dragged to the bed. A bed with this status looks like this:



In the *Comment* field you can insert anything concerning the bed.

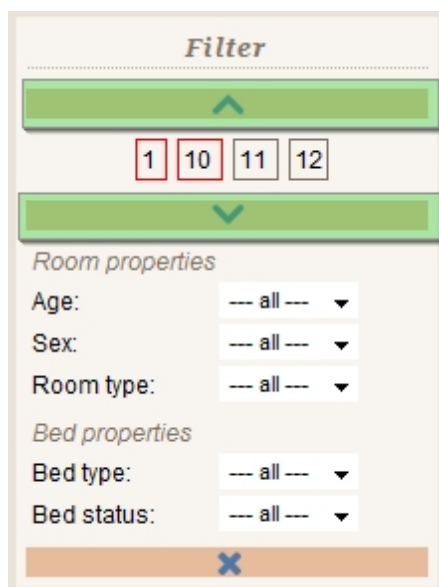
Each bed can have assigned some *Equipment*. To assign/remove it to/from the bed check/uncheck the proper checkbox. On the main screen the equipment is displayed on the right side of the bed:



The bed properties are accessible even if a patient lies on the bed. Right-click on the bed below the patient to have the *bed details* menu displayed.

2.2.3.9 Filtering the rooms

Clicking on a room number only the selected room is displayed. You can select more than one room at the same time. There may be more rooms than currently displayed, you can scroll between them with the up and down buttons:



Clicking again on a selected room number in the filter section the room is hidden.

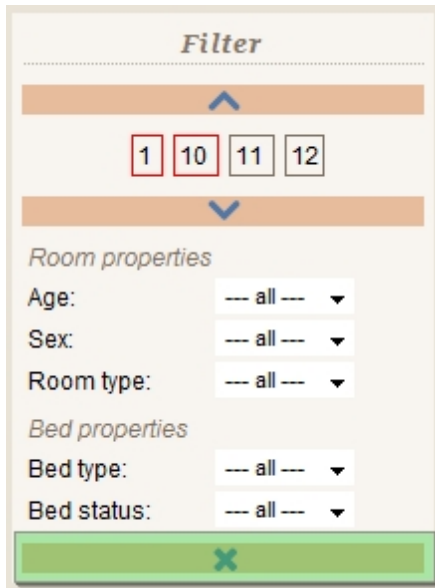
When no rooms are selected all of them are displayed.

When moving a patient from one room to another you can select just these two rooms and move the patient.

If the rooms have the age, sex or room type properties assigned, you can filter by them.

The bed properties filter works similarly as the room properties.

To clear all the filters click the “X” button below:



The image shows a 'Filter' panel with a title bar and a close button (X). Below the title bar are two orange bars with blue arrows pointing up and down. Underneath are four small boxes containing the numbers 1, 10, 11, and 12. The panel is divided into two sections: 'Room properties' and 'Bed properties'. Each section contains three dropdown menus, all set to '-- all --'. The 'Room properties' section includes 'Age:', 'Sex:', and 'Room type:'. The 'Bed properties' section includes 'Bed type:' and 'Bed status:'. A green bar with a blue 'X' is at the bottom of the panel.

2.2.3.10 Search for a patient



The image shows a 'Find a patient' search form. It has a title bar with the text 'Find a patient'. Below the title bar is a text input field containing the name 'Charlie'. Below the input field is a 'Search' button.

Just type in the name or/and surname or/and SSN and click search. The results are displayed in a separate window having them at hand while at the same time allowing you to click on the main window. The result window looks like this:

The screenshot displays the WBM interface for Unit 1, DERMATOLOGY CLINIC - Department A. It features three room views: Room 1 (adult SR), Room 2 (adult female ZZ), and Room 3 (adult ZZ). A search window is open, showing a table of patient data:

SSN	First name	Last name	Room
100030	Charlie	Hayward	4
100036	Charlie	Donnell	5

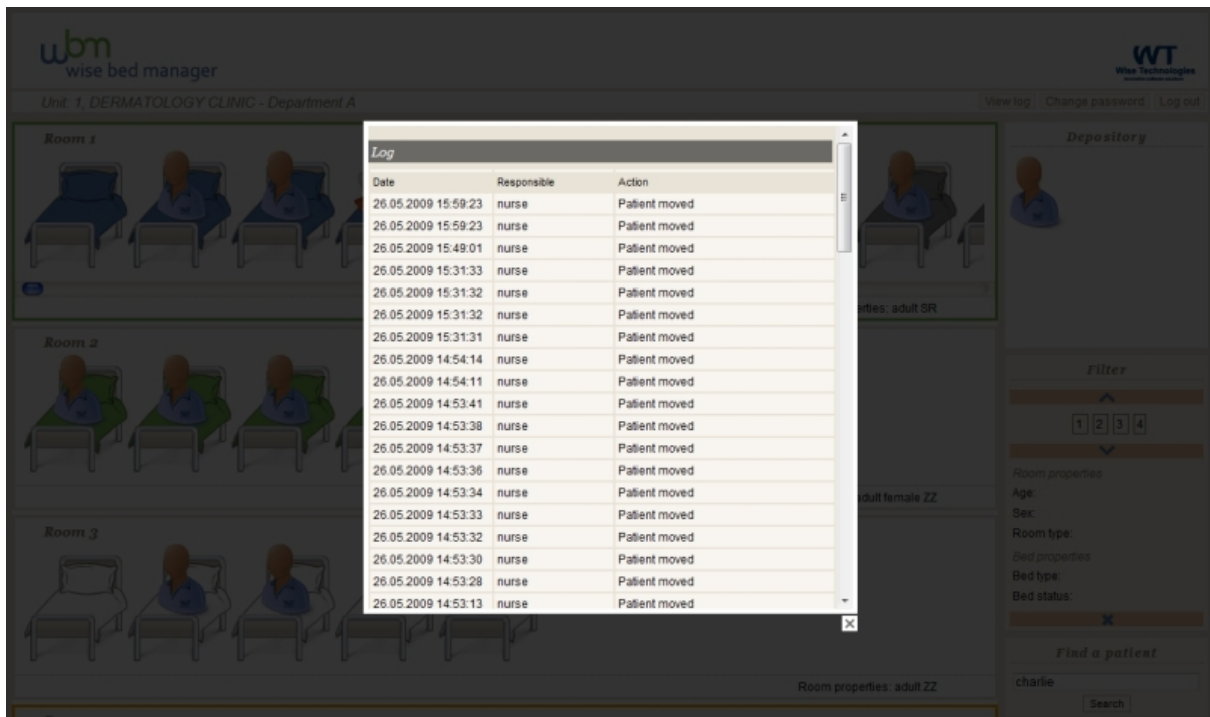
The interface also includes a Depository section with a Filter panel and a Find a patient search box.

2.2.3.11 Viewing the log

The actions you perform in the application are logged and you can see the history by pressing the *View log* button above the depository:



The log looks like this:

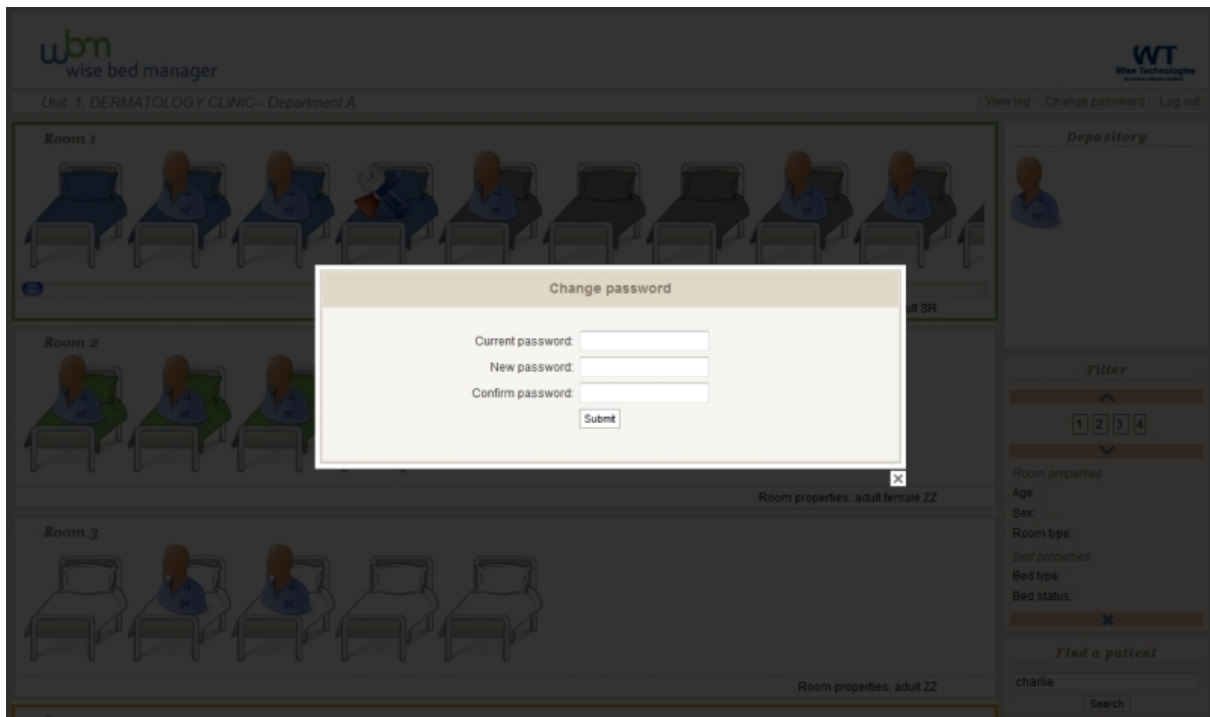


2.2.3.12 Change your password

In the toolbar there is a button to the change password functionality:



Click the button and a window appears:



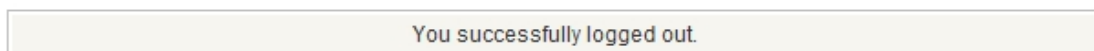
In the *Current password* field insert your current password, in the *New password* the new password you want to use and in the *Confirm password* retype the new password (this is a safety precaution). Click *Submit* to confirm.

2.2.3.13 Logging out

Above the Depository there is a button *Log out*:



A message confirming you were successfully logged out is displayed:



After a few seconds the login page will be displayed allowing you to log back in.

2.3 Bedmanager

The Bed manager's primary role is to:

- admit patients into the clinic,
- reserve beds for patients,
- assign the patients to appropriate units,
- move the patients between different units.

He is also able to:

- move the patients between beds inside the unit,
- discharge the patients.

2.3.1 Introduction

This manual is organized in the following chapters:

- Introduction
- Dashboard panel
- How to...

It walks you through all the functionalities in a simple way.

2.3.1.1 Starting the application

To start the application open your web browser and type in the location bar the address of Wise Bed Manager. The address should look like: **http://your.server/bedmanager** and is provided by your IT.

2.3.1.2 Accessing the application

The login page is the access point to the application. Only authorized users have access beyond this page.

A screenshot of the login page for Wise Bed Manager. The page has a light beige background. At the top, there is a dark beige header with the word 'Login' in white. Below the header, there are two input fields: 'Username:' and 'Password:'. Below the password field, there is a checkbox labeled 'Remember user on this machine:'. At the bottom right of the form area, there is a 'Submit' button.

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In the *username* and *password* fields enter your credentials received from the administrator. Check *Remember user on this machine* if you want to have your login data filled in automatically every time. Click the *Submit* button. After a certain period of inactivity you will be redirected back

to this login page for security purposes.

2.3.2 Dashboard Panel

Upon a successful login the dashboard panel is displayed:



The screenshot shows the 'wise bed manager' logo on the left and the 'WT Wise Technologies' logo on the right. Below the logos is a navigation bar with 'BED MANAGER DASHBOARD', 'Change Password', 'Logged in as bedmanager', and 'Log out'. A 'Main menu' is visible on the left, listing 'Job List', 'Edit Patients', 'Bed Reservation', and 'View log'. The main content area features a table with the following data:

Units (Total number: 5)	Total Beds	Free Beds	In Use (%)	Reserved Beds	Pending Jobs	
1, DERMATOLOGY CLINIC - Department A	31	15	48.39	0	0	Jump to unit
1, DERMATOLOGY CLINIC - Department B	31	11	64.52	0	0	Jump to unit
1, DERMATOLOGY CLINIC - Department C	11	11	100	0	5	Jump to unit
1, DERMATOLOGY CLINIC - Department D	10	5	50.00	2	1	Jump to unit
1, DERMATOLOGY CLINIC - Department E	16	8	50.00	1	1	Jump to unit

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The dashboard panel is divided in the following main sections:

- Toolbar

BED MANAGER DASHBOARD Change Password Logged in as bedmanager Log out

- Main menu

Main menu:
Job List
Edit Patients
Bed Reservation
View log

- Dashboard

Units (Total number: 5)	Total Beds	Free Beds	In Use (%)	Reserved Beds	Pending Jobs	
1, DERMATOLOGY CLINIC - Department A	31	15	48.39	0	0	Jump to unit
1, DERMATOLOGY CLINIC - Department B	31	11	64.52	0	0	Jump to unit
1, DERMATOLOGY CLINIC - Department C	11	11	100	0	5	Jump to unit
1, DERMATOLOGY CLINIC - Department D	10	5	50.00	2	1	Jump to unit
1, DERMATOLOGY CLINIC - Department E	16	8	50.00	1	1	Jump to unit

The Bed manager dashboard has a list of units with their basic data.

Jump to unit link opens the *Unit view* for that specific unit.

2.3.2.1 Toolbar

The toolbar provides following information:

BED MANAGER DASHBOARD Change Password Logged in as bedmanager Log out

Bed Manager Dashboard is a page header indicating user type and page title

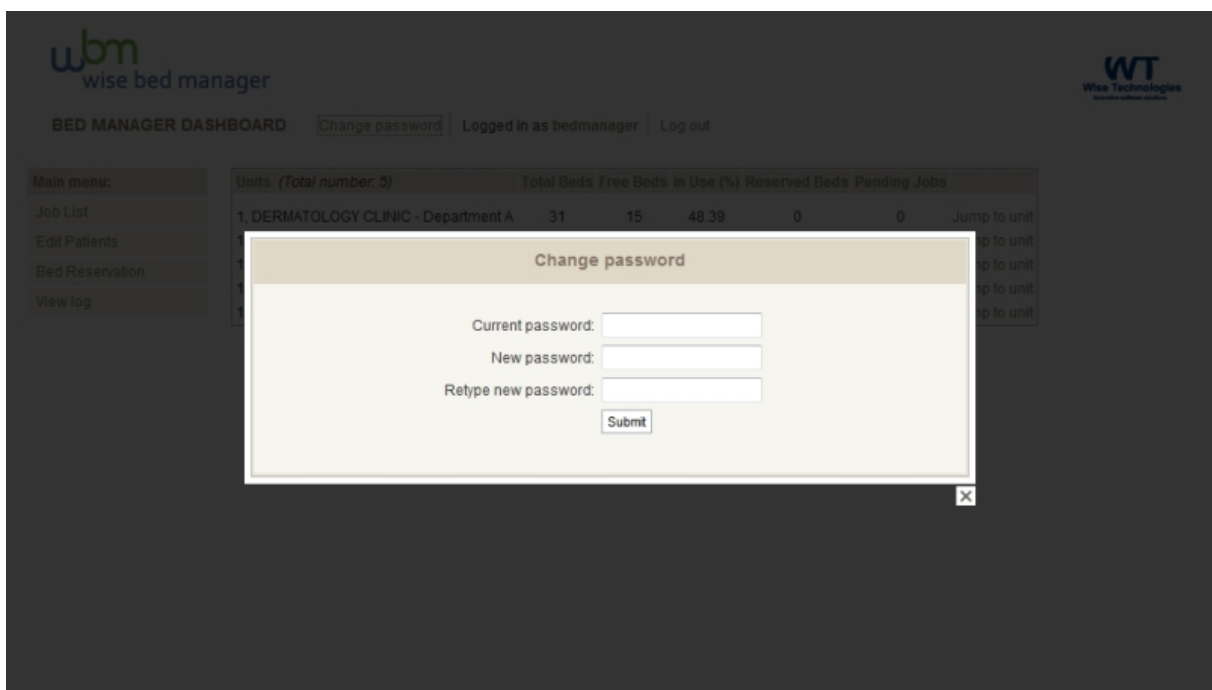
Change password link lets you change your password by taking you to Change Password page

Logged in as username displays your current username, which is clickable link. Clicking on it takes you to the Edit User page where you can edit your own personal information such as Login, Password, First name, Last name, User type, Unit name, Email, Phone etc.

Log out link lets you exit the application

2.3.2.1.1 Change password

The page is used to change your password:



The screenshot shows the 'Wise Bed Manager' dashboard. At the top left is the 'wbm wise bed manager' logo. At the top right is the 'WT Wise Technologies' logo. Below the logos is a navigation bar with 'BED MANAGER DASHBOARD', 'Change password', 'Logged in as bedmanager', and 'Log out'. On the left is a 'Main menu' with links for 'Job List', 'Edit Patients', 'Bed Reservation', and 'View log'. The main content area displays a table of units with columns for 'Units (Total number: 5)', 'Total Beds', 'Free Beds', 'In Use (%)', 'Reserved Beds', and 'Pending Jobs'. The first row shows '1. DERMATOLOGY CLINIC - Department A' with 31 total beds, 15 free beds, 48.39% in use, 0 reserved beds, and 0 pending jobs. A 'Change password' modal form is overlaid on the table. The form has three input fields: 'Current password:', 'New password:', and 'Retype new password:'. A 'Submit' button is located below the fields. A close button (X) is in the bottom right corner of the modal.

Current password is where you enter your current password

New password is where you enter the new password you want to use.

Retype new password is used as a safety precaution. The values entered in the fields "New password" and "Retype new password" must match.

Click on the *Submit* button to have the password changed.

For security purposes you should change your password from time to time. Never use a password that is easy to guess.

2.3.2.1.2 Edit personal data

Clicking on your username in the toolbar

The screenshot shows the 'BED MANAGER DASHBOARD' with the user 'bedmanager' logged in. The main menu includes 'Job List' and 'Edit Patients'. A table displays unit information:

Units (Total number: 5)	Total Beds	Free Beds	In Use (%)	Reserved Beds	Pending Jobs	
1, DERMATOLOGY CLINIC - Department A	31	15	48.39	0	0	Jump to unit
1, DERMATOLOGY CLINIC - Department B	31	11	64.52	0	0	Jump to unit

you get to a page where you can edit your personal data:

The screenshot shows the 'USER LIST, EDIT RECORD [PRIMARY:]' page. A 'Back to previous' link is visible. The form contains the following fields:

- Login: bedmanager *
- Password: ***** *
- First name: Katherine *
- Last name: Shaw *
- User type: Bed Manager *
- Unit Name: Please select
- Email: [Empty]
- Phone: 555-003 *
- Active: Yes *

Buttons: Save, Reset

* - Required field

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After you have changed your data confirm them by clicking the button *Save*.

Your *user type* can be changed ONLY by the system administrator.

2.3.2.1.3 Logout

BED MANAGER DASHBOARD | Change Password | Logged in as **bedmanager** | Log out

In the toolbar at the top of the page click log out.

A message confirming you were successfully logged out is displayed:

You successfully logged out.

After a few seconds the login page will be displayed allowing you to log back in.

2.3.2.2 Main menu

Main menu:
Job List
Edit Patients
Bed Reservation
View log

Job List link opens Jobs List with a list of bed manager jobs

Edit Patients link opens Patient List where you can manage patients

Bed Reservations link opens Bed Reservation List where you can manage bed reservations

View log link opens Logs List where you can manage action logs

2.3.2.2.1 Jobs List

Jobs are:

- patient transfers between units
- assignments of patients to specific units

The screen looks like this:

JOB LIST										Go to Dashboard	Logged in as bedmanager	Log out
Add new job	Search for:	SSN	Contains		Search	Total jobs found: 6	Records per page: 30					
		Show all										
Select/Unselect all										Delete selected	Delete confirmed jobs	
Edit		SSN	Patient	Patient sex	Patient Age	Clinic	Unit	Last Change	Status			
Edit	<input type="checkbox"/>	44558877	Dave Robertson	male	senior	29	A	12.05.2009 14:41:07	pending			
Edit	<input type="checkbox"/>	4488777	Vanessa Robinson	female	minor	56	B	12.05.2009 14:42:54	pending			
Edit	<input type="checkbox"/>	8877995	Mary Johnson	female	minor	33		12.05.2009 14:43:07	pending			
Edit	<input type="checkbox"/>	899555	Mike Davidson	male	minor	27		12.05.2009 14:59:26	confirmed			
Edit	<input type="checkbox"/>	899555	Mike Davidson	male	minor	27		12.05.2009 15:00:26	transfer			
Edit	<input type="checkbox"/>	899555	Mike Davidson	male	minor	27		12.05.2009 15:00:32	transfer			

Add new job link lets you add new job.

Edit link lets you edit an existing job.

Delete selected link removes all selected rows. To select a row check the corresponding checkbox.

Delete confirmed jobs link removes all jobs that have been confirmed. They have been displayed to notify the bed manager about the completion.

Search the jobs by selecting a job property, search a criteria, and entering a text string to search for. Press the *Search* button to execute. The button *Show all* cancels all filters and displays all jobs.

To **Sort** the jobs click on a clickable column name in the list (SSN, Patient, Patient sex, Patient age, etc). It sorts the records in ascending or descending order relative to that column.

2.3.2.2.1.1 Add new job

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To add a job follow this procedure:

1. Select a patient by clicking on the "set" link in the Patient row. The following form appears:

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The patient's data may already be in the database. Insert the patient's SSN or the first or the last name in the form and click on the Search button. If one or more patients are found the results are displayed below:

Patient	SSN	
Charlie Hayward	100030	Choose
Charlie Donnell	100036	Choose

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Click the Choose link in the line with the right patient.

If no patient matches the search criteria insert at least the SSN of the patient and create an entry by clicking on Create Patient. The patient is created and automatically selected. You are returned to the previous screen.

2. Select a unit where to assign a patient by clicking on the "set" button in the unit line. The following form appears:



Unit For Bed	Advanced Search
Unit	Any ▾
Room Sex	Any ▾
Room Age	Any ▾
Quarantine	<input type="checkbox"/> Yes
Bed type	Any ▾
Bed equipment	Any ▾
<input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Back"/>	

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Select the search criteria. The results match all of them.



Unit For Bed	Advanced Search
Unit	1 - Department B ▾
Room Sex	male ▾
Room Age	adult ▾
Quarantine	<input type="checkbox"/> Yes
Bed type	NN ▾
Bed equipment	Any ▾
<input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Back"/>	

Unit	Number of Beds Available	
1 - Department B	3	Choose

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Select the appropriate unit by clicking *Choose*. The page closes.

3. Click on the "Save and close" button on the original form to confirm:



JOB LIST, ADD NEW RECORD

[Back to list](#)

Patient	100036 set *
Unit	1 - Department B set *
Status	pending

* - Required field

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The *Reset* button resets the form.

To discard the changes and go back to the list click *Back to list* on the top of the page.

By clicking on set link you get to choose the patient on the next page:

JOB LIST, ADD NEW RECORD

[Back to list](#)

Patient	set *
Unit	set *
Status	pending

* - Required field

You can create a new patient, or search for existing patient. By clicking on choose link from the list of patients, you select that specific patient for a new job:

Patient search	Advanced Search
SSN	<input type="text"/>
First name	<input type="text" value="Vanessa"/>
Last name	<input type="text"/>

Patient	SSN	
Vanessa Robinson	4488777	Choose

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By clicking on set link you get to choose the unit on the next page:

JOB LIST, ADD NEW RECORD

← Back to list

Patient	4488777 set *
Unit	set *
Status	pending

Save Reset

* - Required field

You can search for units using certain criteria. By clicking on choose link from the list of units you select that specific unit for a new job:

Unit For Bed		Advanced Search	
Unit		Any	▼
Room Sex		Any	▼
Room Age		Any	▼
Quarantine		<input type="checkbox"/> Yes	
Bed type		NN	▼
Bed equipment		Any	▼
		Search	Reset Back

Unit	Number of Beds Available	
26	11	Choose
27	32	Choose
29 - A	9	Choose
29 - B	19	Choose
29 - C	18	Choose
30	10	Choose
31	53	Choose
32	13	Choose
33	21	Choose
34	10	Choose
93	16	Choose
94	4	Choose
97	0	Choose

Clicking on 'Save' button adds a new job:

JOB LIST, ADD NEW RECORD

[← Back to list](#)

Patient	4488777 set *
Unit	29 - B set *
Status	pending

* - Required field

2.3.2.2.1.2 Edit job

Enter topic text here.

By clicking on set link you get to choose the different unit on the next page:

JOB LIST, EDIT RECORD

[← Back to list](#)

Patient	4488777 set
Unit	29 - B <u>set</u>
Status	pending

You can search for a suitable unit using different criteria. By clicking on the *Choose* link in the list of units you can select a unit for the existing job:

Unit For Bed		Advanced Search	
Unit		Any	▼
Room Sex		Any	▼
Room Age		Any	▼
Quarantine		<input type="checkbox"/> Yes	
Bed type		Any	▼
Bed equipment		Any	▼
		Search	Reset Back

Unit	Number of Beds Available	
26	27	Choose
27	43	Choose
28	10	Choose
29 - A	19	Choose
29 - B	25	Choose
29 - C	22	Choose
30	13	Choose
31	64	Choose
32	46	Choose
33	27	Choose
34	23	Choose
35	27	Choose
36	26	Choose

Clicking on the *Save* button changes the existing job:

JOB LIST, EDIT RECORD

◀ Back to list

Patient	4488777 set
Unit	32 set
Status	pending

Save Reset



2.3.2.2.1.3 Delete job

Clicking on **Delete selected** link prompts you to confirm deletion of selected jobs:

JOB LIST Go to [Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Add new job | Search for: Total jobs found: 4
Page 1 of 1 Records per page: 30

Select/Unselect all | **Delete selected** | Delete confirmed jobs

	SSN	Patient	Patient sex	Patient Age	Clinic	Unit	Last Change	Status
Edit <input type="checkbox"/>	44558877	Dave Robertson	male	senior	29	A	12.05.2009 14:41:07	pending
Edit <input type="checkbox"/>	4488777	Vanesh			56	B	12.05.2009 14:42:54	pending
Edit <input checked="" type="checkbox"/>	8877995	Mary			33		12.05.2009 14:43:07	pending
Edit <input type="checkbox"/>	899555	Mike			27		12.05.2009 14:43:39	pending

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2.3.2.2.1.4 Delete confirmed job

Clicking on **Delete confirmed jobs** link prompts you to confirm deletion of confirmed jobs:

JOB LIST Go to [Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Add new job | Search for: Total jobs found: 4
Page 1 of 1 Records per page: 30

Select/Unselect all | Delete selected | **Delete confirmed jobs**

	SSN	Patient	Patient sex	Patient Age	Clinic	Unit	Last Change	Status
Edit <input type="checkbox"/>	44558877	Dave Robertson	male	senior	29	A	12.05.2009 14:41:07	pending
Edit <input type="checkbox"/>	4488777	Vanesh			56	B	12.05.2009 14:42:54	pending
Edit <input type="checkbox"/>	8877995	Mary			33		12.05.2009 14:43:07	pending
Edit <input type="checkbox"/>	899555	Mike			27		12.05.2009 14:43:39	pending

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2.3.2.2.1.5 Search job

Select job property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of jobs you wish to search for:

JOB LIST Go to [Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Add new job | Search for: Total jobs found: 1
Page 1 of 1 Records per page: 10

Select/Unselect all | Delete selected | Delete confirmed jobs

	SSN	Patient	Patient sex	Patient Age	Clinic	Unit	Last Change	Status
Edit <input type="checkbox"/>	8877995	Mary Johnson	female	minor	33		12.05.2009 14:43:07	pending

2.3.2.2.1.6 Sort jobs

Clicking on **Last Change** column will sort jobs by the last change date. You can sort jobs by other columns as well:

JOB LIST Go to Dashboard | Logged in as bedmanager | Log out

Add new job	Search for:	SSN	Contains	<input type="text"/>	Search	Total jobs found: 6 Page 1 of 1	Records per page: 30
	Show all						

Select/Unselect all Delete selected Delete confirmed jobs

		SSN	Patient	Patient sex	Patient Age	Clinic	Unit	Last Change ↓	Status
Edit	<input type="checkbox"/>	4488777	Vanessa Robinson	female	minor	29	B	12.05.2009 23:42:49	pending
Edit	<input type="checkbox"/>	899555	Mike Davidson	male	minor	27		12.05.2009 15:00:32	transfer
Edit	<input type="checkbox"/>	899555	Mike Davidson	male	minor	27		12.05.2009 15:00:26	transfer
Edit	<input type="checkbox"/>	899555	Mike Davidson	male	minor	27		12.05.2009 14:59:26	confirmed
Edit	<input type="checkbox"/>	8877995	Mary Johnson	female	minor	33		12.05.2009 14:43:07	pending
Edit	<input type="checkbox"/>	44558877	Dave Robertson	male	senior	29	A	12.05.2009 14:41:07	pending

2.3.2.2.2 Patients List

PATIENT LIST Go to Dashboard | Logged in as bedmanager | Log out

Add new patient	Search for:	SSN	Contains	<input type="text"/>	Search	Total patients found: 4 Page 1 of 1	Records per page: 100
	Show all						

Select/Unselect all Delete selected

			SSN	First name	Last name	Date of birth	Patient status
Edit	View	<input type="checkbox"/>	2334445	John	Smith	11.05.1960	initial
Edit	View	<input type="checkbox"/>	44558877	Dave	Robertson	29.08.1953	initial
Edit	View	<input type="checkbox"/>	8877995	Mary	Johnson	09.02.1996	admitted
Edit	View	<input type="checkbox"/>	4488777	Vanessa	Robinson	17.11.1998	hospitalized

Add new patient link lets you add new patient.

Edit link lets you edit patient that already exists on the system.

View link lets you view corresponding patient info in read only form.

Delete selected link removes all selected patients. Each patient has a corresponding checkbox that can be marked for deletion.

Search patients by selecting patient property, search criteria, and entering text string to search for. Search button executes the search process. Show all button returns all patients.




Sort jobs by clicking on each column name in the list (SSN, First name, Last name, Date of birth, etc) which is a clickable and sorts records in ascending or descending order by that specific column.

2.3.2.2.1 Add new patient

On this page you can enter information for new patient:

PATIENT LIST, ADD


[← Back to list](#)

SSN	<input type="text"/>	*
First name	<input type="text"/>	
Last name	<input type="text"/>	
Date of birth	<input type="text"/>	
Address	<input type="text"/>	
City	<input type="text"/>	
Postal code	<input type="text"/>	
Phone	<input type="text"/>	
Age	<input type="text" value="minor"/>	▼
Sex	<input type="text" value="male"/>	▼
Status	<input type="text" value="Initial"/>	▼
Category	<input type="text"/>	
Diagnosis	<input type="text"/>	
Allergies	<input type="text"/>	
Notes	<input type="text"/>	

2.3.2.2.2 Edit patient

On this page you can edit information for existing patient:

PATIENT LIST, EDIT[← Back to list](#)

SSN	<input type="text" value="44558877"/>	*
First name	<input type="text" value="Dave"/>	
Last name	<input type="text" value="Robertson"/>	
Date of birth	<input type="text" value="29.08.1953"/>	
Address	<input type="text" value="222 Main St"/>	
City	<input type="text" value="Rochester"/>	
Postal code	<input type="text" value="53111"/>	
Phone	<input type="text" value="558-447"/>	
Age	<input type="text" value="senior"/>	▼
Sex	<input type="text" value="male"/>	▼
Status	<input type="text" value="initial"/>	▼
Category	<input type="text"/>	
Diagnosis	<input type="text"/>	▲▼
Allergies	<input type="text"/>	
Notes	<input type="text"/>	▲▼
Create Date	12.05.2009	

2.3.2.2.3 View patient

On this page you can view information for existing patient:

PATIENT LIST, VIEW

◀ Back to list

SSN	899555
First name	Mike
Last name	Davidson
Date of birth	
Address	
City	
Postal code	
Phone	
Age	minor
Sex	male
Status	discharged
Category	
Diagnosis	
Allergies	
Notes	
Create Date	12.05.2009

Unit	Admission date	Discharge date	Status
27	12.05.2009 14:43:39	12.05.2009 15:00:12	inactive
27	12.05.2009 15:00:12	12.05.2009 15:00:16	inactive
27	12.05.2009 15:00:16	12.05.2009 15:00:40	inactive

2.3.2.2.4 Delete patient

Clicking on **Delete selected** link prompts you to confirm deletion of selected patients:

PATIENT LIST Go to Dashboard | Logged in as bedmanager | Log out

Add new patient Search for: SSN Contains Search Total patients found: 5 Page 1 of 1 Records per page: 100

Select/Unselect all Delete selected

			SSN	First name	Last name	Date of birth	Patient status
Edit	View	<input type="checkbox"/>	2334445	John	Smith	11.05.1960	initial
Edit	View	<input checked="" type="checkbox"/>	445			29.08.1953	admitted
Edit	View	<input type="checkbox"/>	887			09.02.1996	admitted
Edit	View	<input type="checkbox"/>	448			17.11.1998	admitted
Edit	View	<input type="checkbox"/>	89				admitted

Windows Internet Explorer
Do you really want to delete these records?
OK Cancel

2.3.2.2.5 Search patient

Select patient property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of patients you wish to search for:

PATIENT LIST [Go to Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Add new patient | Search for: | Total patients found: 1 | Page 1 of 1 | Records per page:

Select/Unselect all | Delete selected

			SSN	First name	Last name	Date of birth	Patient status
Edit	View	<input type="checkbox"/>	44558877	Dave	Robertson	29.08.1953	initial

2.3.2.2.6 Sort patients

Clicking on **Date of birth** column will sort patients by the date of birth. You can sort patients by other columns as well:

PATIENT LIST [Go to Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Add new patient | Search for: | Total patients found: 4 | Page 1 of 1 | Records per page:

Select/Unselect all | Delete selected

			SSN	First name	Last name	Date of birth	Patient status
Edit	View	<input type="checkbox"/>	4488777	Vanessa	Robinson	17.11.1998	hospitalized
Edit	View	<input type="checkbox"/>	8877995	Mary	Johnson	09.02.1996	admitted
Edit	View	<input type="checkbox"/>	2334445	John	Smith	11.05.1960	initial
Edit	View	<input type="checkbox"/>	44558877	Dave	Robertson	29.08.1953	initial

2.3.2.2.3 Bed Reservations List

BED RESERVATION [Go to Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Add new bed reservation | Search for: | Total bed reservations found: 7 | Page 1 of 1 | Records per page:

Select/Unselect all | Delete selected | Delete expired reservations

	Clinic	Unit	Room	Bed ID	Bed type	User	Create Date	Reserved until
<input type="checkbox"/>	53	C	1	935	NN	bedmanager	12.05.2009 13:47:27	22.05.2009 14:01:53
<input type="checkbox"/>	26		15	3	IN	bedmanager	12.05.2009 14:48:53	Unlimited
<input type="checkbox"/>	29	A	1	191	Zasilka	bedmanager	12.05.2009 14:49:25	Unlimited
<input type="checkbox"/>	28		3	98	IT	bedmanager	12.05.2009 14:50:36	Unlimited
<input type="checkbox"/>	32		4	328	DH	bedmanager	12.05.2009 14:51:08	Unlimited
<input type="checkbox"/>	53	A	1	835	NN	bedmanager	12.05.2009 14:51:25	Unlimited
<input type="checkbox"/>	53	C	2	1019	IN	bedmanager	12.05.2009 14:51:46	Unlimited

Add new bed reservation link lets you add new reservation.

Reserved until date link lets you edit bed reservation expiration date.

Delete selected link removes all selected bed reservations. Each bed reservation has a corresponding checkbox that can be marked for deletion.

Delete expired reservations link removes all reservations that have expired. Expired reservations

are no longer needed.

Search bed reservations by selecting bed reservation property, search criteria, and entering text string to search for. Search button executes the search process. Show all button returns all bed reservations.

Sort bed reservations by clicking on each column name in the list (Clinic, Unit, Room, Bed ID, etc) which is a clickable and sorts records in ascending or descending order by that specific column.

2.3.2.2.3.1 Add new bed reservation

Enter the search criteria to find units with available beds:

Bed Reservation	Advanced Search
Unit	Any ▾
Room Sex	Any ▾
Room Age	Any ▾
Quarantine	<input type="checkbox"/> Yes
Bed type	IT ▾
Bed equipment	Any ▾
<input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Back"/>	

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By clicking on **choose** link from the list of units where available beds are found, you can reserve one of the beds within that specific unit:

Bed Reservation
Advanced Search

Unit	Any ▼
Room Sex	Any ▼
Room Age	Any ▼
Quarantine	<input type="checkbox"/> Yes
Bed type	IT ▼
Bed equipment	Any ▼

Unit	Number of Beds Available	
26	4	Choose
27	6	Choose
28	10	Choose
29 - A	10	Choose
31	3	Choose
32	1	Choose
35	11	Choose
48	18	Choose
50	12	Choose
51	25	Choose
56 - A	2	Choose
56 - C	12	Choose
57	6	Choose

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2.3.2.2.3.2 Edit bed reservation

You can edit bed reservation expiration date by clicking on **reserved until date** link in the corresponding record from bed reservation list.

BED RESERVATION
Go to [Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Add new bed reservation	Search for: Clinic ▼ Contains ▼ 	Total bed reservations found: 8 Page 1 of 1	Records per page: 20 ▼					
<input type="checkbox"/> Select/Unselect all <input type="checkbox"/> Delete selected <input type="checkbox"/> Delete expired reservations								
	Clinic	Unit	Room	Bed ID	Bed type	User	Create Date	Reserved until
<input type="checkbox"/>	53	C	1	935	NN	bedmanager	12.05.2009 13:47:27	22.05.2009 14:01:53
<input type="checkbox"/>	26		15	3	IN	bedmanager	12.05.2009 14:48:53	Unlimited
<input type="checkbox"/>	29	A	1	191	Zasilka	bedmanager	12.05.2009 14:49:25	Unlimited
<input type="checkbox"/>	28		3	98	IT	bedmanager	12.05.2009 14:50:36	Unlimited
<input type="checkbox"/>	32		4	328	DH	bedmanager	12.05.2009 14:51:08	Unlimited
<input type="checkbox"/>	53	A	1	835	NN	bedmanager	12.05.2009 14:51:25	Unlimited
<input type="checkbox"/>	53	C	2	1019	IN	bedmanager	12.05.2009 14:51:46	Unlimited
<input type="checkbox"/>	48		1	521	IT	bedmanager	13.05.2009 15:26:32	Unlimited

New window with a calendar is opened allowing you to change expiration date and time.

The screenshot shows a 'Select Date, Please.' dialog box with a calendar for May 2009. The time is set to 15:52:18. The background shows a table of expired reservations.

Bed type	User	Create Date	Reserved until
NN	bedmanager	12.05.2009 13:47:27	22.05.2009 14:01:53
IN	bedmanager	12.05.2009 14:48:53	Unlimited
Zasilka	bedmanager	12.05.2009 14:49:25	Unlimited
IT	bedmanager	12.05.2009 14:50:36	Unlimited
DH	bedmanager	12.05.2009 14:51:08	Unlimited
NN	bedmanager	12.05.2009 14:51:25	Unlimited
IN	bedmanager	12.05.2009 14:51:46	Unlimited
IT	bedmanager	13.05.2009 15:26:32	Unlimited

2.3.2.2.3.3 Delete bed reservation

Clicking on **Delete selected** link prompts you to confirm deletion of selected bed reservations:

The screenshot shows a 'BED RESERVATION' table with a 'Delete selected' dialog box open. The dialog asks 'Do you really want to delete these records?' with 'OK' and 'Cancel' buttons. The table shows four reservations, with the second one selected.

Clinic	Unit	Room	Bed ID	Bed type	User	Create Date	Reserved until
53	C	1	935	NN	bedmanager	12.05.2009 13:47:27	22.05.2009 14:01:53
29	A	1	115	IT	bedmanager	12.05.2009 14:48:41	Unlimited
26		15	3	IN	bedmanager	12.05.2009 14:48:53	Unlimited
29	A	1	191	Zasilka	bedmanager	12.05.2009 14:49:25	Unlimited

2.3.2.2.3.4 Delete expired bed reservation

Clicking on **Delete expired reservations** link prompts you to confirm deletion of expired reservations:

The screenshot shows the 'Wise Bed Manager' interface. A 'Windows Internet Explorer' dialog box is open, asking 'Do you really want to delete all expired reservations?' with 'OK' and 'Cancel' buttons. The background interface includes the 'Wise Bed Manager' logo, 'klinični center ljubljana' and 'WT Wise Technologies' logos, and a 'BED RESERVATION' section. The 'Search for:' field is empty. The table below shows three reservations:

Select/Unselect all	Clinic	Unit	Room	Bed ID	Bed type	User	Create Date	Reserved until
<input type="checkbox"/>	53	C	1	935	NN	bedmanager	12.05.2009 13:47:27	22.05.2009 14:01:53
<input type="checkbox"/>	26		15	3	IN	bedmanager	12.05.2009 14:48:53	Unlimited
<input type="checkbox"/>	29	A	1	191	Zasilka	bedmanager	12.05.2009 14:49:25	Unlimited

2.3.2.2.3.5 Search bed reservation

Select reservation property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of bed reservations you wish to search for:

The screenshot shows the 'Wise Bed Manager' interface with search criteria applied. The 'Search for:' field is set to 'Bed type' (dropdown), 'Contains' (dropdown), and 'IN' (text input). The 'Search' button is highlighted. The table below shows two reservations:

Select/Unselect all	Clinic	Unit	Room	Bed ID	Bed type	User	Create Date	Reserved until
<input type="checkbox"/>	26		15	3	IN	bedmanager	12.05.2009 14:48:53	Unlimited
<input type="checkbox"/>	53	C	2	1019	IN	bedmanager	12.05.2009 14:51:46	Unlimited

2.3.2.2.3.6 Sort bed reservations

Clicking on **Creation Date** column will sort reservations by the creation date. You can sort reservations by other columns as well:

The screenshot shows the 'Wise Bed Manager' interface with search criteria applied. The 'Search for:' field is set to 'Clinic' (dropdown), 'Contains' (dropdown), and an empty text input. The 'Search' button is highlighted. The 'Create Date' column header has a downward arrow, indicating it is sorted in descending order. The table below shows seven reservations:


Select/Unselect all	Clinic	Unit	Room	Bed ID	Bed type	User	Create Date	Reserved until
<input type="checkbox"/>	53	C	2	1019	IN	bedmanager	12.05.2009 14:51:46	Unlimited
<input type="checkbox"/>	53	A	1	835	NN	bedmanager	12.05.2009 14:51:25	Unlimited
<input type="checkbox"/>	32		4	328	DH	bedmanager	12.05.2009 14:51:08	Unlimited
<input type="checkbox"/>	28		3	98	IT	bedmanager	12.05.2009 14:50:36	Unlimited
<input type="checkbox"/>	29	A	1	191	Zasilka	bedmanager	12.05.2009 14:49:25	Unlimited
<input type="checkbox"/>	26		15	3	IN	bedmanager	12.05.2009 14:48:53	Unlimited
<input type="checkbox"/>	53	C	1	935	NN	bedmanager	12.05.2009 13:47:27	22.05.2009 14:01:53

2.3.2.2.4 Logs list

LOGS LIST Go to [Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Search for: Total view logs found: 14
Page 1 of 1 Records per page:
100

Select/Unselect all [Delete selected](#)

	Action name	User	Clinic	Unit	Create Date	Description
<input type="checkbox"/>	Patient discharged	bedmanager	27		12.05.2009 15:00:40	patient_id=5
<input type="checkbox"/>	Patient moved	bedmanager	27		12.05.2009 15:00:16	patient_id=5, bed_id=null
<input type="checkbox"/>	Patient moved	bedmanager	27		12.05.2009 15:00:12	patient_id=5, bed_id=49
<input type="checkbox"/>	Patient moved	bedmanager	27		12.05.2009 14:59:51	patient_id=5, bed_id=45
<input type="checkbox"/>	Patient moved	bedmanager	27		12.05.2009 14:59:29	patient_id=5, bed_id=null
<input type="checkbox"/>	Patient confirmed	bedmanager	27		12.05.2009 14:59:26	patient_id: 5
<input type="checkbox"/>	New patient added	bedmanager	30		12.05.2009 14:57:35	ID=899555, bed_id=211
<input type="checkbox"/>	New patient added	bedmanager	30		12.05.2009 14:57:15	ID=899555, bed_id=212
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:56:49	patient_id=6, bed_id=122
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:55:56	patient_id=6, bed_id=null
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:55:21	ID=448877, bed_id=123
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:55:21	patient_id=6, bed_id=123
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:55:08	ID=8877995, bed_id=122
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:54:44	ID=8877995, bed_id=124

Delete selected link removes all selected logs. Each log has a corresponding checkbox that can be marked for deletion.

Search logs by selecting log property, search criteria, and entering text string to search for. Search button executes the search process. Show all button returns all logs.

Sort logs by clicking on each column name in the list (Action name, User, Clinic, Unit, etc) which is a clickable and sorts records in ascending or descending order by that specific column.

2.3.2.2.4.1 Delete logs

Clicking on **Delete selected** link prompts you to confirm deletion of selected logs:

LOGS LIST Go to [Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Search for: Total view logs found: 10
Page 1 of 1 Records per page:
100

Select/Unselect all [Delete selected](#)

	Action name	User	Clinic	Unit	Create Date	Description
<input type="checkbox"/>	Patient discharged	bedmanager	27		12.05.2009 15:00:40	patient_id=5
<input checked="" type="checkbox"/>	Patient moved	b			9 15:00:16	patient_id=5, bed_id=null
<input checked="" type="checkbox"/>	Patient moved	b			9 15:00:12	patient_id=5, bed_id=49
<input checked="" type="checkbox"/>	Patient moved	b			9 14:59:51	patient_id=5, bed_id=45
<input type="checkbox"/>	Patient moved	b			9 14:56:49	patient_id=6, bed_id=122
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:55:56	patient_id=6, bed_id=null
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:55:21	ID=448877, bed_id=123
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:55:21	patient_id=6, bed_id=123
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:55:08	ID=8877995, bed_id=122
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:54:44	ID=8877995, bed_id=124

Windows Internet Explorer
Do you really want to delete these records?

2.3.2.2.4.2 Search log

Select log property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of logs you wish to search for:

LOGS LIST Go to [Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Search for: Total view logs found: 6
Page 1 of 1 Records per page:
100

Select/Unselect all [Delete selected](#)

	Action name	User	Clinic	Unit	Create Date	Description
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:56:49	patient_id=6, bed_id=122
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:55:56	patient_id=6, bed_id=null
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:55:21	ID=448877, bed_id=123
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:55:21	patient_id=6, bed_id=123
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:55:08	ID=8877995, bed_id=122
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:54:44	ID=8877995, bed_id=124

2.3.2.2.4.3 Sort logs

Clicking on **Create date** column will sort logs by the create date. You can sort logs by other columns as well:

LOGS LIST Go to [Dashboard](#) | Logged in as [bedmanager](#) | [Log out](#)

Search for: Total view logs found: 10
Page 1 of 1 Records per page:

Select/Unselect all Delete selected

	Action name	User	Clinic	Unit	Create Date ↓	Description
<input type="checkbox"/>	Patient discharged	bedmanager	27		12.05.2009 15:00:40	patient_id=5
<input type="checkbox"/>	Patient moved	bedmanager	27		12.05.2009 15:00:16	patient_id=5, bed_id=null
<input type="checkbox"/>	Patient moved	bedmanager	27		12.05.2009 15:00:12	patient_id=5, bed_id=49
<input type="checkbox"/>	Patient moved	bedmanager	27		12.05.2009 14:59:51	patient_id=5, bed_id=45
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:56:49	patient_id=6, bed_id=122
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:55:56	patient_id=6, bed_id=null
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:55:21	ID=448877, bed_id=123
<input type="checkbox"/>	Patient moved	bedmanager	29	A	12.05.2009 14:55:21	patient_id=6, bed_id=123
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:55:08	ID=8877995, bed_id=122
<input type="checkbox"/>	New patient added	bedmanager	29	A	12.05.2009 14:54:44	ID=8877995, bed_id=124

2.3.2.3 Dashboard

2.3.2.3.1 Unit view

The *Unit view* page for bedmanager looks the same as for the nurse, except for the buttons in the toolbar.

2.3.2.3.1.1 Toolbar

The toolbar provides the following information:



Unit: 1, DERMATOLOGY CLINIC - Department A indicates the unit and department names.

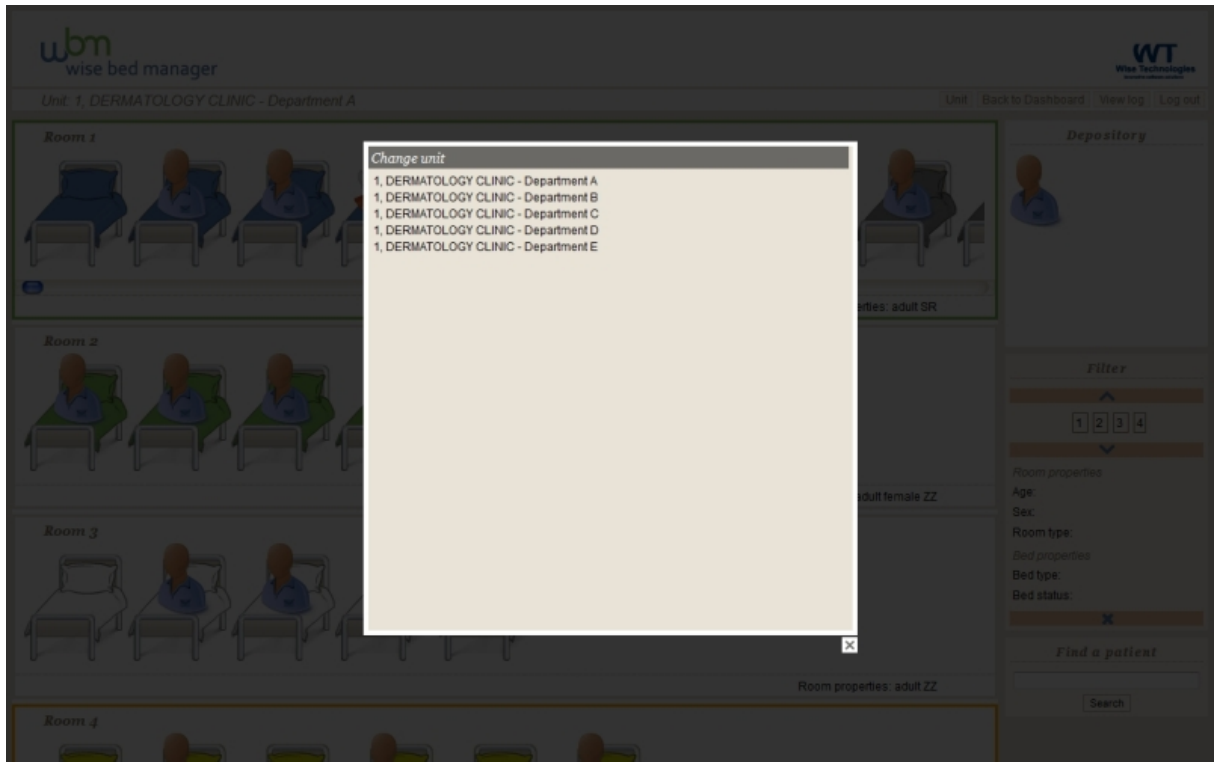
Unit button opens the *Unit list* where you can switch to another unit.

Back to Dashboard button takes you back to Dashboard Panel.

View log button opens the *Logs list* where you can manage action logs for the unit.

Log out button logs you out of the application.

Click on the unit name to quickly switch to that Unit GUI:

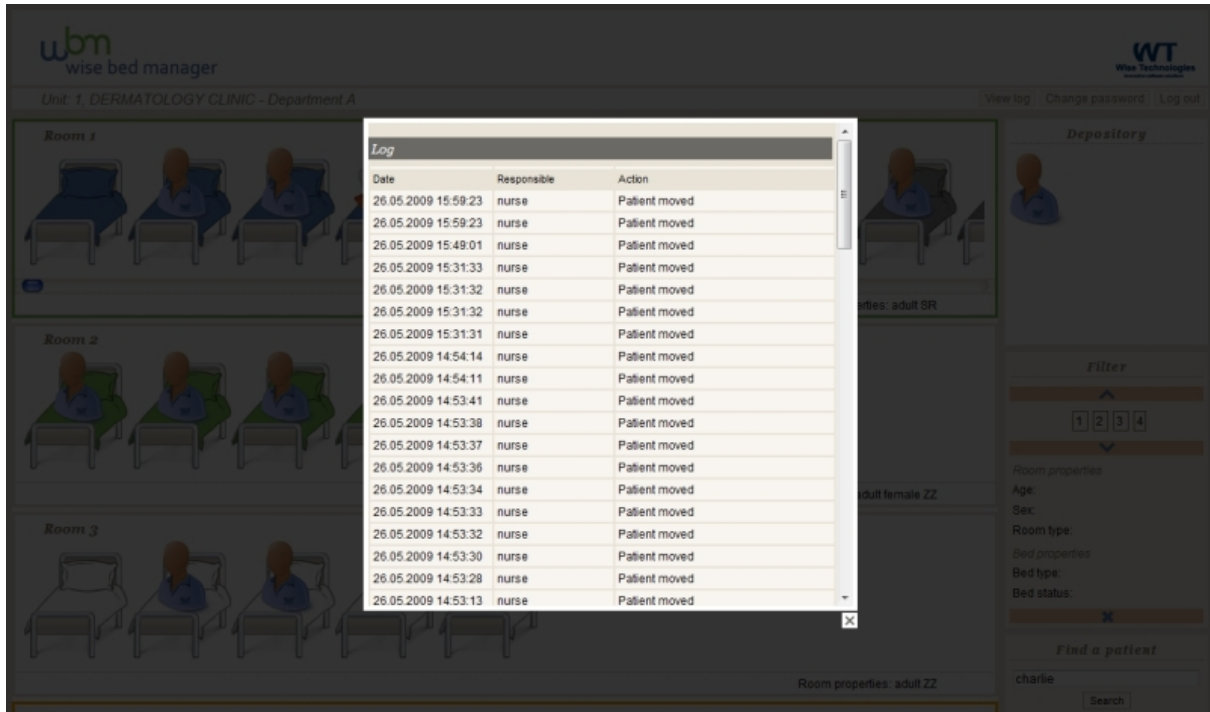


The Bed manager dashboard has a list of units with their basic data:

Units (Total number: 5)	Total Beds	Free Beds	In Use (%)	Reserved Beds	Pending Jobs	
1, DERMATOLOGY CLINIC - Department A	31	15	48.39	0	0	Jump to unit
1, DERMATOLOGY CLINIC - Department B	31	11	64.52	0	0	Jump to unit
1, DERMATOLOGY CLINIC - Department C	11	11	100	0	5	Jump to unit
1, DERMATOLOGY CLINIC - Department D	10	5	50.00	2	1	Jump to unit
1, DERMATOLOGY CLINIC - Department E	16	8	50.00	1	1	Jump to unit

[Jump to unit](#) link opens the *Unit view* for that specific unit.

All actions performed within a unit are logged. The history looks like this:



The screenshot shows the 'wise bed manager' interface for 'Unit 1, DERMATOLOGY CLINIC - Department A'. A 'Log' window is open, displaying a table of patient movements. The table has three columns: Date, Responsible, and Action. The actions listed are 'Patient moved'.

Date	Responsible	Action
26.05.2009 15:59:23	nurse	Patient moved
26.05.2009 15:59:23	nurse	Patient moved
26.05.2009 15:49:01	nurse	Patient moved
26.05.2009 15:31:33	nurse	Patient moved
26.05.2009 15:31:32	nurse	Patient moved
26.05.2009 15:31:32	nurse	Patient moved
26.05.2009 15:31:31	nurse	Patient moved
26.05.2009 14:54:14	nurse	Patient moved
26.05.2009 14:54:11	nurse	Patient moved
26.05.2009 14:53:41	nurse	Patient moved
26.05.2009 14:53:38	nurse	Patient moved
26.05.2009 14:53:37	nurse	Patient moved
26.05.2009 14:53:36	nurse	Patient moved
26.05.2009 14:53:34	nurse	Patient moved
26.05.2009 14:53:33	nurse	Patient moved
26.05.2009 14:53:32	nurse	Patient moved
26.05.2009 14:53:30	nurse	Patient moved
26.05.2009 14:53:28	nurse	Patient moved
26.05.2009 14:53:13	nurse	Patient moved

BED MANAGER DASHBOARD

[Change Password](#)

Logged in as **bedmanager**

[Log out](#)

In the toolbar at the top of the page click log out.

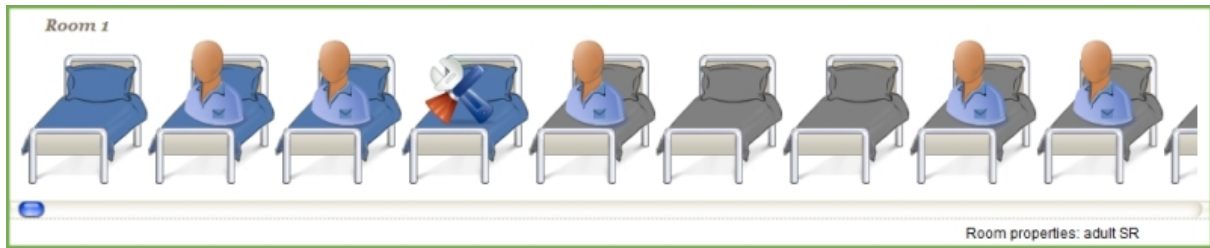
A message confirming you were successfully logged out is displayed:

You successfully logged out.

After a few seconds the login page will be displayed allowing you to log back in.

2.3.2.3.1.2 Rooms

A room managed by your unit is displayed like in the following image.



All the beds of a room are displayed one beside another. Your screen may be too narrow to display them all at once so a horizontal scrollbar is provided. If your unit manages more than one room they are listed below.

Room name (number)

The room name (number) is displayed in the top left corner ("Room 1" in the example above).

Room properties

The bottom right corner of the room there are the *Room properties* listed. They are optional.

A room can be limited to children or adults. If this is the case minor (adult) is listed.

If a room is of a special type it is also listed. SR (standard room) is the type of the example room. A room type can have a colored frame - green in this case. All the SR rooms have a green frame. This is an example, you may have different room types and/or colors defined.

Beds

A bed is occupied if there is a patient icon on it and available if there is nothing on it.

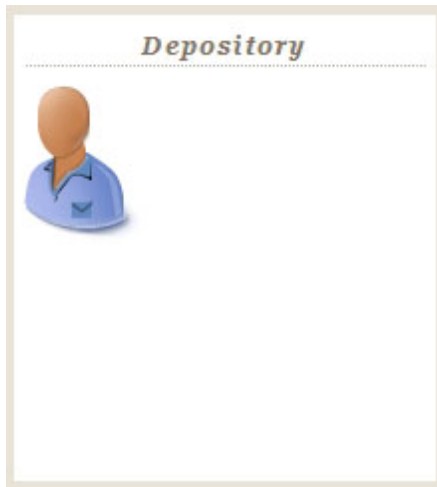
Some beds may be under maintenance like the fourth bed which has a brush and tool on it. Patients cannot be moved to a room under maintenance. (See the chapter "Update bed properties").

Each bed belongs to a specific type and each type has a unique color defined in order to make the beds easier to locate.

2.3.2.3.1.3 Depository

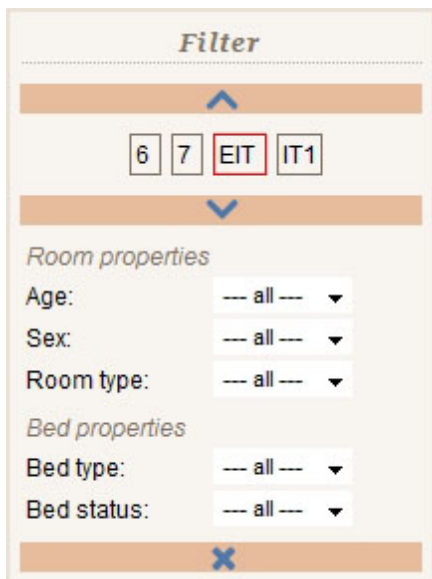
The depository is located on the right-hand side. It is used as a temporary place to store a patient while moving between beds or rooms or units. A patient can be also sent to your unit by the Bed manager and he/she will appear here as a green figure.

The depository looks like this:



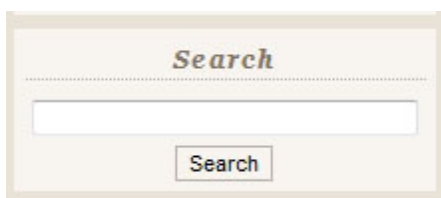
2.3.2.3.1.4 Filter

The filter helps you to find a specific bed. It limits the displayed rooms according to the selected parameters (the room number, room properties and/or bed properties).



2.3.2.3.1.5 Search

You can search for a patient among your unit using the search field.



Enter a name or a surname or a SSN of the patient you are looking for.

2.3.3 How to...

This section provides examples on how to use the application's functionalities.

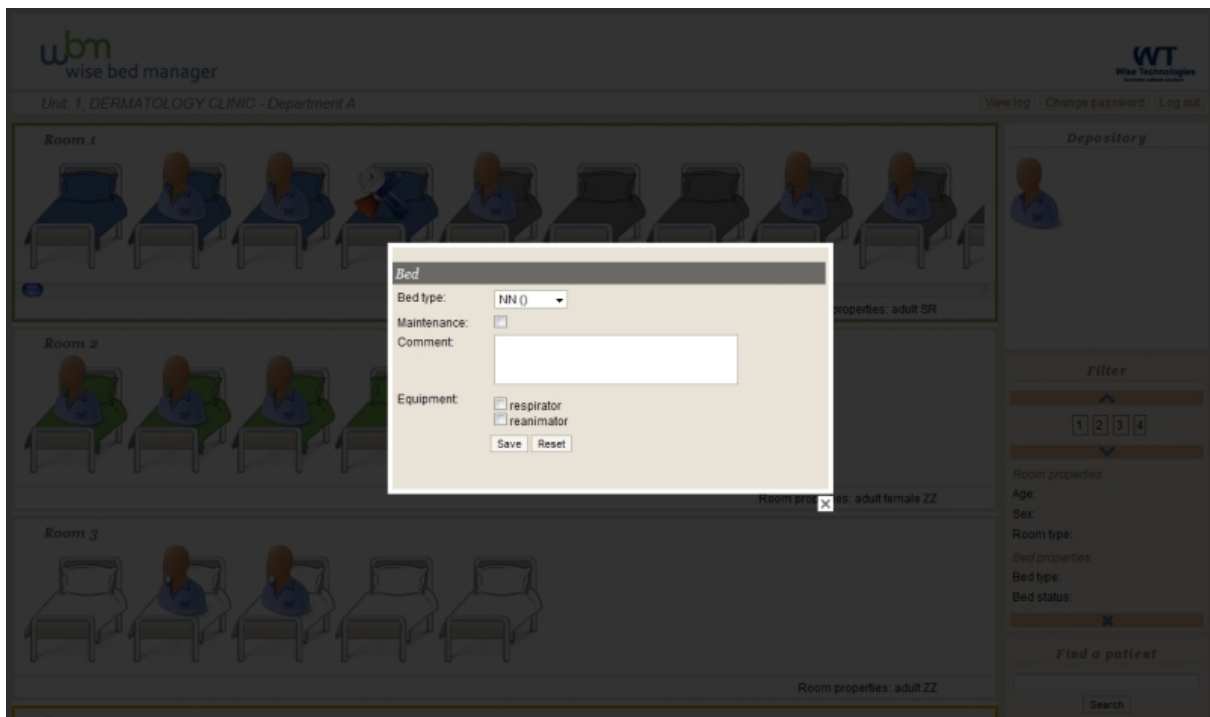
2.3.3.1 Unit view actions

2.3.3.1.1 Update the bed properties

Right-clicking on a bed a menu appears:



By clicking on *Bed details* you are presented a screen where the bed properties can be changed:



After changing these data you have to press the button **Save** to make the changes permanent. If you want to discard the changes just click outside the window or the "X" at the bottom-right.

The first drop-down list contains all the bed types.

The checkbox *Maintenance* puts a bed in the state of maintenance and no patient can be dragged to the bed. A bed with this status looks like this:



In the *Comment* field you can insert anything concerning the bed.

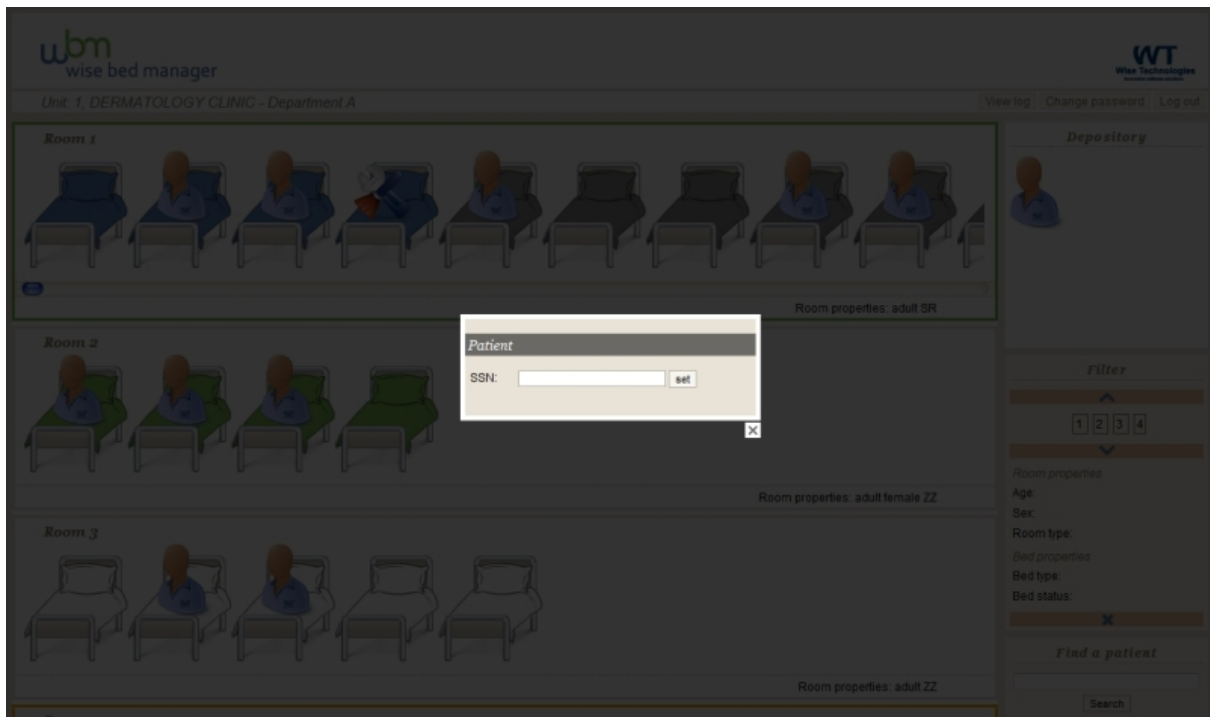
Each bed can have assigned some *Equipment*. To assign/remove it to/from the bed check/uncheck the proper checkbox. On the main screen the equipment is displayed on the right side of the bed:



The bed properties are accessible even if a patient lies on the bed. Right-click on the bed below the patient to have the *bed details* menu displayed.

2.3.3.1.2 Insert a new patient

To insert a new patient just click on an empty bed. The following menu will be displayed:

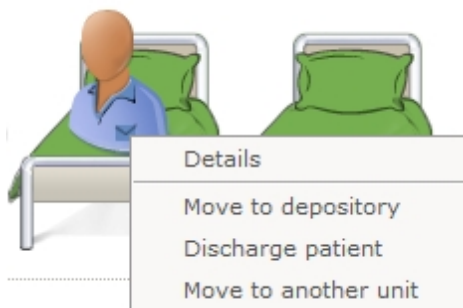


Insert the patient's SSN (social security number) and press the Enter key or click on the *Set* button. The patient will appear on the bed. The application searches the database for the patient's data and updates them accordingly.

To cancel the operation click outside the window or the "X" at the bottom-right.

2.3.3.1.3 Patient's context menu

Right-clicking on the patient a context menu is displayed.



Details – opens the patient's details window where her/his data can be edited.

Move to depository – moves the patient to the Depository (you can also drag the patient to it).

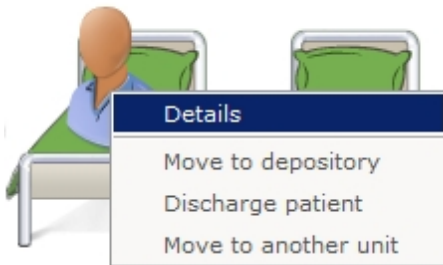
Discharge patient – discharges the patient (a confirmation box is displayed).

Move to another unit – proposes to the bed manager to move the patient to another unit.

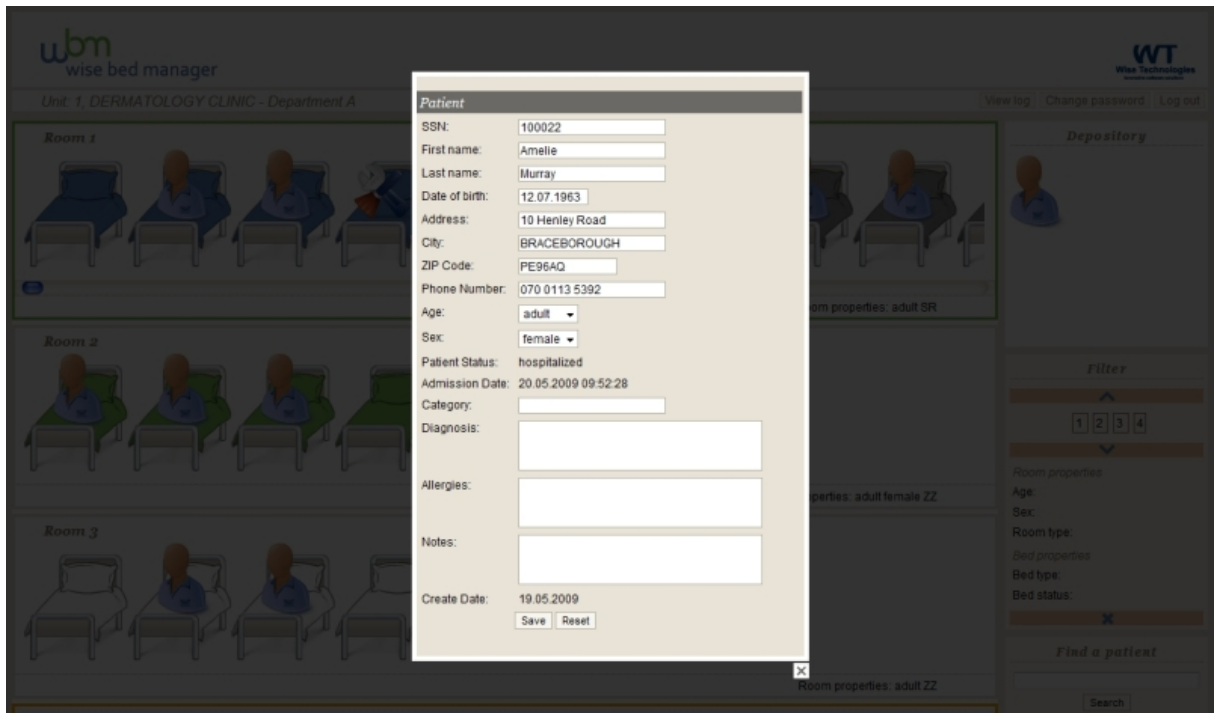
2.3.3.1.4 Updating the patient's data

When the patient is newly assigned on the bed only his SSN is entered and the application takes care of the other data. This data can be viewed and modified.

Right-click on the patient and selecting Details from the context menu.



The following window appears where you can review the data.

A screenshot of the 'wise bed manager' software interface. A 'Patient' details window is open in the center, displaying the following information: SSN: 100022, First name: Amelle, Last name: Murray, Date of birth: 12.07.1963, Address: 10 Henley Road, City: BRACEBOROUGH, ZIP Code: PE96AQ, Phone Number: 070 0113 5392, Age: adult, Sex: female, Patient Status: hospitalized, Admission Date: 20.05.2009 09:52:28, Category: (empty), Diagnosis: (empty), Allergies: (empty), Notes: (empty), and Create Date: 19.05.2009. At the bottom of the window are 'Save' and 'Reset' buttons. The background shows a grid of rooms (Room 1, Room 2, Room 3) with patients in beds. The interface includes a 'WT Wise Technologies' logo, a 'View log | Change password | Log out' link, a 'Depository' section, a 'Filter' section with a numeric keypad (1-4), and a 'Find a patient' search bar.

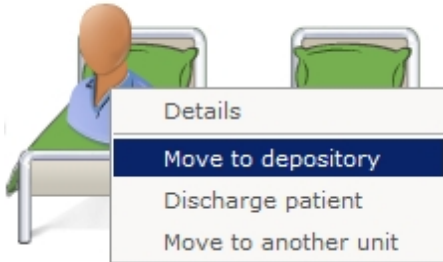
To save the data click the button Save (the window will close after that). The button Reset returns the data to the original state.

If you want to close the window without saving any changes click outside the window or the "X" at the bottom-right.

2.3.3.1.5 Moving a patient to/from the Depository

To move a patient to the depository just drag her/him there. Press the left mouse button on the patient and while holding the button move the patient to the *Depository* and release the button.

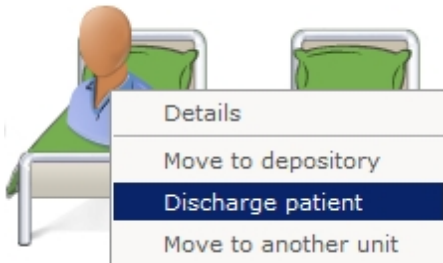
Alternatively you can right-click on the patient and select *Move to depository* in the context menu.



In the same way you can move the patient to an empty bed. Drag the patient's image from the depository to the bed and release the mouse button.

2.3.3.1.6 Discharge a patient

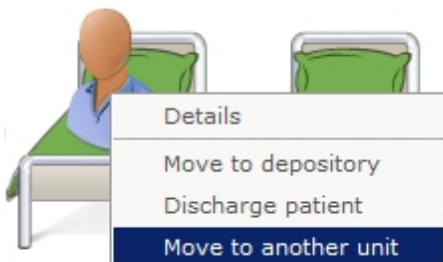
Right-click on the patient and select *Discharge patient*.



A confirmation message appears where you confirm or cancel the action.

2.3.3.1.7 Moving a patient to another unit

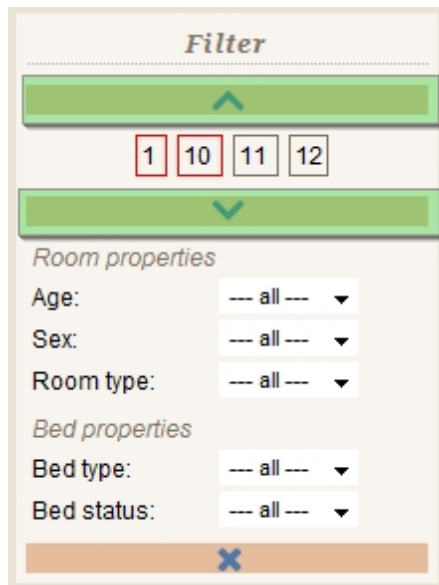
Right-click on the patient and select *Move to other unit*.



The bed manager is notified you want the patient relocated and he will find a suitable accommodation. The patient remains on the bed until another unit accepts her/him.

2.3.3.1.8 Filtering the rooms

Clicking on a room number only the selected room is displayed. You can select more than one room at the same time. There may be more rooms than currently displayed, you can scroll between them with the up and down buttons:



Clicking again on a selected room number in the filter section the room is hidden.

When no rooms are selected all of them are displayed.

When moving a patient from one room to another you can select just these two rooms and move the patient.

If the rooms have the age, sex or room type properties assigned, you can filter by them.

The bed properties filter works similarly as the room properties.

To clear all the filters click the "X" button below:

The image shows a 'Filter' panel with a title bar and a close button (X). Below the title bar are two orange bars with blue arrows pointing up and down. Underneath are four input boxes containing the numbers 1, 10, 11, and 12. The '10' box is highlighted with a red border. Below these are two sections: 'Room properties' and 'Bed properties'. Each section contains three dropdown menus, all set to '-- all --'. The dropdowns are for Age, Sex, Room type, Bed type, and Bed status. At the bottom of the panel is a green bar with a blue 'X' icon.

2.3.3.1.9 Search for a patient

The image shows a 'Find a patient' search form. It has a title bar with the text 'Find a patient'. Below the title bar is a text input field containing the name 'Charlie'. Below the input field is a 'Search' button.

Just type in the name or/and surname or/and SSN and click search. The results are displayed in a separate window having them at hand while at the same time allowing you to click on the main window. The result window looks like this:

The screenshot displays the 'wbm wise bed manager' interface for 'Unit 1, DERMATOLOGY CLINIC - Department A'. It features three room views: Room 1 (adult SR), Room 2 (adult female ZZ), and Room 3 (adult ZZ). A search window is open, showing a table of patient data:

SSN	First name	Last name	Room
100030	Charlie	Hayward	4
100036	Charlie	Donnell	5

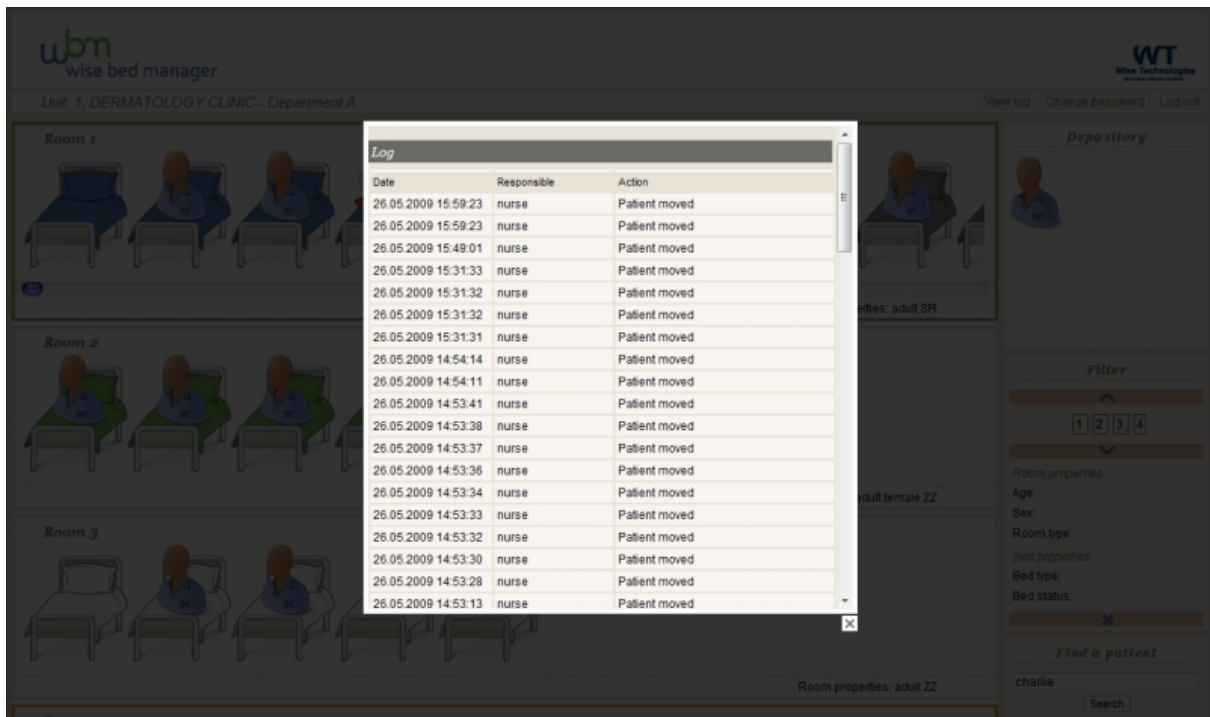
The interface also includes a 'Depository' section with a 'View log' button, a 'Filter' section with room and bed properties, and a 'Find a patient' search bar containing the name 'charlie'.

2.3.3.1.10 Viewing the log

The actions you perform in the application are logged and you can see the history by pressing the *View log* button above the depository:



The log looks like this:

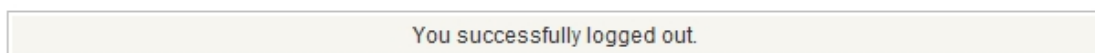


2.3.3.1.11 Logging out

Above the Depository there is a button *Log out*:



A message confirming you were successfully logged out is displayed:



After a few seconds the login page will be displayed allowing you to log back in.

2.4 System Administrator

The System Administrator performs various administrative functions such as are:

- adding new hospital resources (Beds, Rooms, Units, Clinics),
- editing or removing existing resources,

- managing users of the system,
- other tasks related to system administration.

2.4.1 Dashboard panel

WBM wise bed manager

SYSTEM ADMINISTRATOR DASHBOARD | [Change Password](#) | [Logged in as admin](#) | [Log out](#)

Main menu:

- Maintain Usernames
- Maintain Clinics
- Maintain Units
- Maintain Rooms
- Maintain Room Types
- Maintain Beds
- Maintain Facilities
- Settings

Users (Total number: 4)

System Administrator:	1
Executive Manager:	1
Bed Manager:	1
Nurse:	1

Units (Total number: 59)

Rooms (Total number: 349)

Beds (Total number: 1485)

Bed Type	Bed Status	Bed Equipment
DH: 18	occupied: 1485	Undefined: 1485
EH: 9		
IN: 339		
IPP: 6		
IT: 171		
NN: 852		
Zasilka: 90		

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Dashboard panel is divided into following main sections:

- Toolbar
- Main menu
- Dashboard

2.4.1.1 Toolbar

SYSTEM ADMINISTRATOR DASHBOARD | [Change Password](#) | [Logged in as admin](#) | [Log out](#)

System Administrator Dashboard is a page header indicating user type and page title

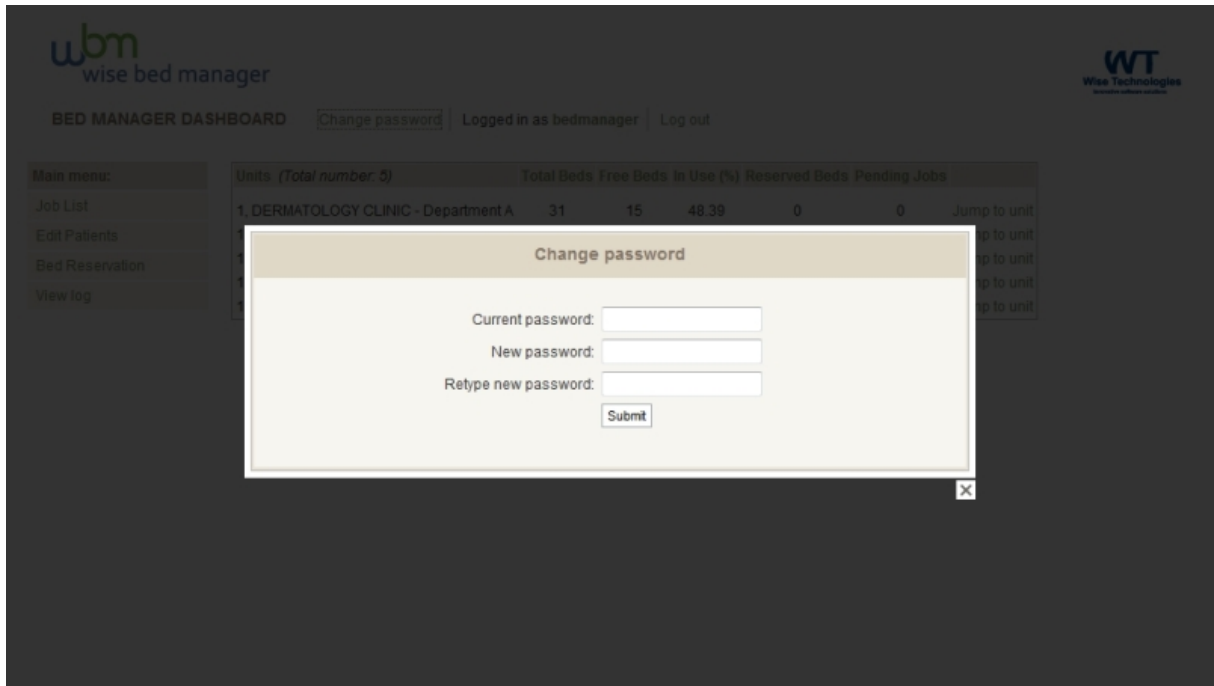
Change password link lets you change your password by taking you to Change Password page

Logged in as username displays your current username, which is clickable link. Clicking on it takes you to the Edit User page where you can edit your own personal information such as Login, Password, First name, Last name, User type, Unit name, Email, Phone etc.

Log out link lets you exit the application

2.4.1.1.1 Change password

The page is used to change your password:



The screenshot shows the 'Change password' form overlaid on the 'Wise Bed Manager' dashboard. The dashboard header includes the 'wbm wise bed manager' logo, a 'Change password' button, and the user is logged in as 'bedmanager'. The main menu on the left lists 'Job List', 'Edit Patients', 'Bed Reservation', and 'View log'. The dashboard table shows one unit, 'DERMATOLOGY CLINIC - Department A', with 31 total beds, 15 free beds, and 48.39% in use. The 'Change password' form has three input fields: 'Current password:', 'New password:', and 'Retype new password:', followed by a 'Submit' button.

Current password is where you enter your current password

New password is where you enter the new password you want to use.

Retype new password is used as a safety precaution. The values entered in the fields "New password" and "Retype new password" must match.

Click on the *Submit* button to have the password changed.

For security purposes you should change your password from time to time. Never use a password that is easy to guess.

2.4.1.1.2 Edit personal info

Every user can change his own personal information using this page.

USER LIST, EDIT RECORD [PRIMARY:]

[← Back to previous](#)

Login	<input type="text" value="admin"/>	*
Password	<input type="password" value="•••••"/>	*
First name	<input type="text" value="Michael"/>	*
Last name	<input type="text" value="Jackson"/>	*
User type	<input type="text" value="System Administrator"/>	*
Unit Name	<input type="text" value="Please select"/>	
Email	<input type="text"/>	
Phone	<input type="text" value="258-554"/>	*
Active	<input type="text" value="Yes"/>	*

* - Required field

2.4.1.1.3 Logout

BED MANAGER DASHBOARD[Change Password](#)[Logged in as bedmanager](#)[Log out](#)

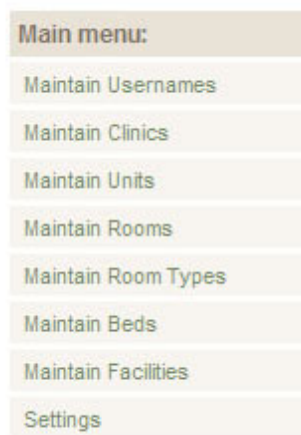
In the toolbar at the top of the page click log out.

A message confirming you were successfully logged out is displayed:

You successfully logged out.

After a few seconds the login page will be displayed allowing you to log back in.

2.4.1.2 Main menu



Maintain Usernames link opens User List where you can manage users.

Maintain Clinics link opens Clinics List where you can manage clinics.

Maintain Units link opens Units List where you can manage hospital units.

Maintain Rooms link opens Rooms List where you can manage rooms.

Maintain Room Types link opens Room Types List where you can manage room types.

Maintain Beds link opens Beds List where you can manage beds.

Maintain Facilities link opens Facilities List where you can manage facilities.

Settings link takes you to the Settings Page.

2.4.1.2.1 User List

USER LIST Go to Dashboard | Logged in as admin | Log out

Add new user Search for: Any field Contains Total users found: 4
Page 1 of 1 Records per page: 20

Select/Unselect all Delete selected

			First name	Last name	User type	Unit Name	Active
		<input type="checkbox"/>	Michael	Jackson	System Administrator		Yes
		<input type="checkbox"/>	Steve	Wonder	Executive Manager		Yes
		<input type="checkbox"/>	Bruce	Willis	Bed Manager		Yes
		<input type="checkbox"/>	Cindy	Crawford	Nurse		Yes

Add new user link lets you add new user.

Edit link lets you edit user that already exists on the system.

View link lets you view corresponding user info in read only form.

Delete selected link removes all selected users. Each user has a corresponding checkbox that can be marked for deletion.

Search users by selecting user property, search criteria, and entering text string to search for. Search button executes the search process. Show all button returns all users.

Sort users by clicking on each column name in the list (First name, Last name, etc) which is a clickable and sorts records in ascending or descending order by that specific column.

2.4.1.2.1.1 Add new user

On this page you can enter information for new user:

USER LIST, ADD NEW RECORD

[Back to list](#)

Login	<input type="text"/>	*
Password	<input type="password"/>	*
First name	<input type="text"/>	*
Last name	<input type="text"/>	*
User type	Please select <input type="button" value="v"/>	*
Unit Name	Please select <input type="button" value="v"/>	
Email	<input type="text"/>	
Phone	<input type="text"/>	*

* - Required field

2.4.1.2.1.2 Edit user

On this page you can edit information for existing user:

USER LIST, EDIT RECORD [PRIMARY:]

[← Back to previous](#)

Login	<input type="text" value="admin"/>	*
Password	<input type="password" value="*****"/>	*
First name	<input type="text" value="Michael"/>	*
Last name	<input type="text" value="Jackson"/>	*
User type	<input type="text" value="System Administrator"/>	*
Unit Name	<input type="text" value="Please select"/>	
Email	<input type="text"/>	
Phone	<input type="text" value="258-554"/>	*
Active	<input type="text" value="Yes"/>	*

* - Required field

2.4.1.2.1.3 View user

On this page you can view information for existing user:

USER LIST, VIEW RECORD [PRIMARY: 1]

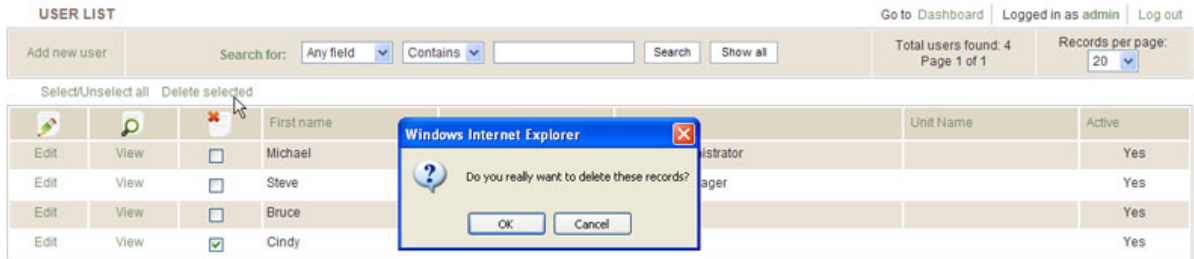
[← Back to list](#)

Login	admin
Password	admin
First name	Michael
Last name	Jackson
User type	System Administrator
Unit Name	
Email	
Phone	258-554
Active	Yes
Create Date	2009-04-27

[← Back to list](#)

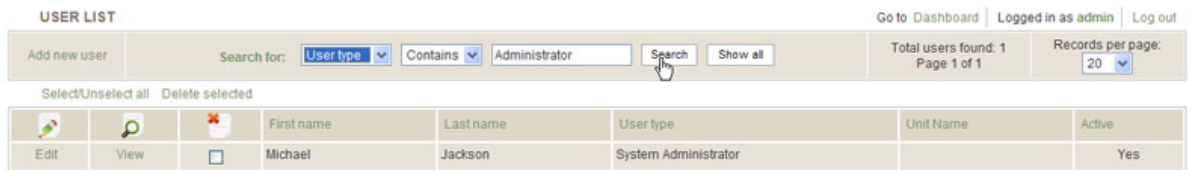
2.4.1.2.1.4 Delete user

Clicking on **Delete selected** link prompts you to confirm deletion of selected users:



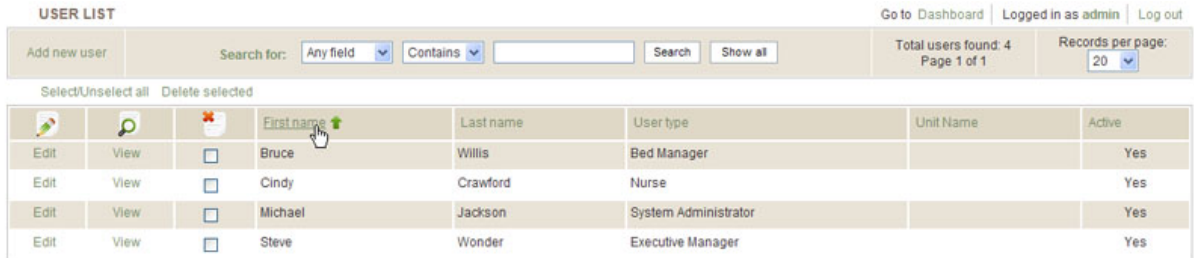
2.4.1.2.1.5 Search user

Select user property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of users you wish to search for:

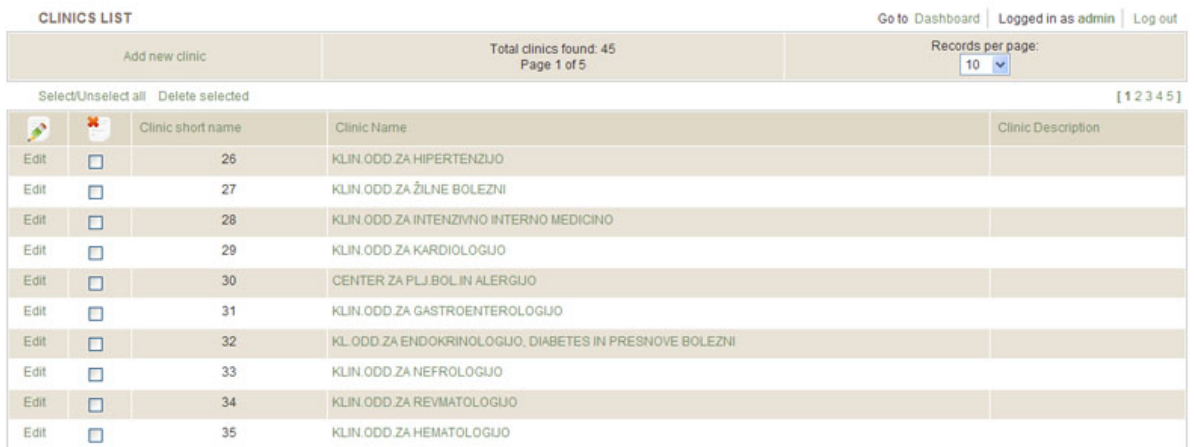


2.4.1.2.1.6 Sort users

Clicking on **First name** column will sort users by the first name. You can sort users by other columns as well:



2.4.1.2.2 Clinics List



Add new clinic link lets you add new clinic.

Edit link lets you edit existing clinic.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

Sort clinics by clicking on each column name in the list (Clinic short name, Clinic name, Clinic description) which is a clickable link and sorts records in ascending or descending order by that specific column.

2.4.1.2.2.1 Add new clinic

On this page you can enter information for new clinic:

CLINICS LIST, ADD NEW RECORD

[← Back to list](#)

Clinic short name	<input type="text"/>	*
Clinic Name	<input type="text"/>	*
Facility Name	Please select <input type="button" value="v"/> *	(default unit place)
Clinic Description	<input type="text"/>	

* - Required field

2.4.1.2.2.2 Edit clinic

On this page you can edit information for existing clinic:

CLINICS LIST, EDIT RECORD [PRIMARY: 1]

[← Back to list](#)

Clinic Short Name	26	*
Clinic Name	KLIN.ODD.ZA HIPERTENZIJO	*
Clinic Description	<input type="text"/>	

* - Required field

2.4.1.2.2.3 Delete clinic

Clicking on **Delete selected** link prompts you to confirm deletion of selected clinics:

CLINICS LIST Go to Dashboard | Logged in as admin | Log out

Add new clinic Total clinics found: 45
Page 1 of 5 Records per page:
10

Select/Unselect all Delete selected [1 2 3 4 5]

	Clinic short name	Clinic Name	Clinic Description
Edit <input checked="" type="checkbox"/>	26	KLIN. ODD. ZA	
Edit <input type="checkbox"/>	27	KLIN. ODD. ZA	
Edit <input type="checkbox"/>	28	KLIN. ODD. ZA	
Edit <input type="checkbox"/>	29	KLIN. ODD. ZA	
Edit <input type="checkbox"/>	30	CENTER ZA PLJ. BOL. IN ALERGIJO	
Edit <input type="checkbox"/>	31	KLIN. ODD. ZA GASTROENTEROLOGUJO	
Edit <input type="checkbox"/>	32	KL. ODD. ZA ENDOKRINOLOGUJO, DIABETES IN PRESNOVE BOLEZNI	
Edit <input type="checkbox"/>	33	KLIN. ODD. ZA NEFROLOGUJO	
Edit <input type="checkbox"/>	34	KLIN. ODD. ZA REVMAOLOGUJO	
Edit <input type="checkbox"/>	35	KLIN. ODD. ZA HEMATOLOGUJO	

[1 2 3 4 5]

2.4.1.2.2.4 Sort clinics

Clicking on **Clinic short name** column will sort clinics by the clinic short name. You can sort clinics by other columns as well:

CLINICS LIST Go to Dashboard | Logged in as executive | Log out

Total clinics found: 45
Page 1 of 5 Records per page:
10

[1 2 3 4 5]

Clinic short name	Clinic Name	Clinic Description
96	INTERNISTIČNA PRVA POMOČ	
94	CENTER ZA ZASTRUPITVE	
93	CENTER ZA VOJNE VETERANE	
66	INFEKTOLOGUA ZA ODRASLE	
66	KL. ODD. ZA ANEST. - CIT	
65	KLIN. ODD. ZA REPRODUKCUJO	
64	KLIN. ODD. ZA PERINATOLOGUJO	
64	KLINIKA ZA NUKLEARNO MEDICINO	
63	KLIN. ODD. ZA GINEKOLOGUJO	
61	OČESNA KLINIKA	

[1 2 3 4 5]

2.4.1.2.3 Units List

UNITS LIST
for CLINIC ALL

Go to Dashboard | Logged in as admin | Log out

Add new unit		Total units found: 59 Page 1 of 6		Records per page: 10
Select/Unselect all		Delete selected		[1 2 3 4 5 6]
		Unit Name	Clinic Name	Facility Name
Edit	<input type="checkbox"/>	26	KLIN. ODD. ZA HIPERTENZIJU	023
Edit	<input type="checkbox"/>	27	KLIN. ODD. ZA ŽILNE BOLEZNI	023
Edit	<input type="checkbox"/>	28	KLIN. ODD. ZA INTENZIVNO INTERNO MEDICINO	023
Edit	<input type="checkbox"/>	29 - A	KLIN. ODD. ZA KARDIOLOGIJO	023
Edit	<input type="checkbox"/>	29 - B	KLIN. ODD. ZA KARDIOLOGIJO	023
Edit	<input type="checkbox"/>	29 - C	KLIN. ODD. ZA KARDIOLOGIJO	023
Edit	<input type="checkbox"/>	29 - D	KLIN. ODD. ZA KARDIOLOGIJO	023
Edit	<input type="checkbox"/>	30	CENTER ZA PLJ. BOL. IN ALERGIJO	023
Edit	<input type="checkbox"/>	31	KLIN. ODD. ZA GASTROENTEROLOGIJO	023
Edit	<input type="checkbox"/>	32	KL. ODD. ZA ENDOKRINOLOGIJO, DIABETES IN PRESNOVE BOLEZNI	023

[1 2 3 4 5 6]

Add new unit link lets you add new unit.

Edit link lets you edit existing unit.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

Sort units by clicking on each column name in the list (Unit name, Clinic name, Facility name) which is a clickable link and sorts records in ascending or descending order by that specific column.

2.4.1.2.3.1 Add new unit

On this page you can enter information for new unit:

UNITS LIST, ADD NEW RECORD

[← Back to list](#)

Unit Name	<input type="text"/>
Clinic Name	Please select <input type="button" value="v"/> *
Facility Name	Please select <input type="button" value="v"/> *
Unit desc	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

2.4.1.2.3.2 Edit unit

On this page you can edit information for existing unit:

UNITS LIST, EDIT RECORD [PRIMARY: 4]

◀ Back to list

Unit Name	<input type="text" value="A"/>
Clinic Name	KLIN.ODD.ZA KARDIOLOGIJO ▼ *
Facility Name	023 ▼ *
Unit desc	<input type="text"/>

* - Required field

2.4.1.2.3.3 Delete unit

Clicking on **Delete selected** link prompts you to confirm deletion of selected units:

UNITS LIST for CLINIC ALL Go to Dashboard | Logged in as admin | Log out

Add new unit Total units found: 59
Page 1 of 6 Records per page:
10 ▼

Select/Unselect all Delete selected [1 2 3 4 5 6]

		Unit Name	Clinic Name	Facility Name
Edit	<input type="checkbox"/>	26	KLIN.ODD.ZA HIPE	023
Edit	<input type="checkbox"/>	27	KLIN.ODD.ZA ŽILN	023
Edit	<input type="checkbox"/>	28	KLIN.ODD.ZA INTE	023
Edit	<input checked="" type="checkbox"/>	29 - A	KLIN.ODD.ZA KARDIOLOGIJO	023
Edit	<input type="checkbox"/>	29 - B	KLIN.ODD.ZA KARDIOLOGIJO	023
Edit	<input type="checkbox"/>	29 - C	KLIN.ODD.ZA KARDIOLOGIJO	023
Edit	<input type="checkbox"/>	29 - D	KLIN.ODD.ZA KARDIOLOGIJO	023
Edit	<input type="checkbox"/>	30	CENTER ZA PLJ BOL IN ALERGIJO	023
Edit	<input type="checkbox"/>	31	KLIN.ODD.ZA GASTROENTEROLOGIJO	023
Edit	<input type="checkbox"/>	32	KL.ODD.ZA ENDOKRINOLOGIJO, DIABETES IN PRESHNOVE BOLEZNI	023

[1 2 3 4 5 6]

2.4.1.2.3.4 Sort units

Clicking on **Unit name** column will sort units by the unit name. You can sort units by other columns as well:

UNITS LIST
for CLINIC ALL

Go to Dashboard | Logged in as admin | Log out

Add new unit		Total units found: 59 Page 2 of 6		Records per page: 10	
Select/Unselect all		Delete selected		[1 2 3 4 5 6]	
		Unit Name	Clinic Name	Facility Name	
Edit	<input type="checkbox"/>	60	KLIN. ZA ORL IN CERVIK. KRG.	730	
Edit	<input type="checkbox"/>	57 - D	ORTOPEDSKA KLINIKA	729	
Edit	<input type="checkbox"/>	57 - C	ORTOPEDSKA KLINIKA	729	
Edit	<input type="checkbox"/>	57 - B	ORTOPEDSKA KLINIKA	729	
Edit	<input type="checkbox"/>	57 - A	ORTOPEDSKA KLINIKA	729	
Edit	<input type="checkbox"/>	57	KL. ODD. ZA ABDOM. KRG-VOD. 62	125	
Edit	<input type="checkbox"/>	56 - C	KL. ODD. ZA ABDOMINALNO KRG	125	
Edit	<input type="checkbox"/>	56 - B	KL. ODD. ZA ABDOMINALNO KRG	125	
Edit	<input type="checkbox"/>	56 - A	KL. ODD. ZA ABDOMINALNO KRG	125	
Edit	<input type="checkbox"/>	55	KL. ODD. ZA UROLOGIJO	125	

[1 2 3 4 5 6]

2.4.1.2.4 Rooms List

ROOMS LIST
for CLINIC ALL > UNIT ALL

Go to Dashboard | Logged in as admin | Log out

Add new room		Search by: Any field Contains		Total rooms found: 349 Page 1 of 35		Records per page: 10	
Select/Unselect all		Delete selected		[1 2 3 4 5 6 7 8 9 10]		Next 10 : Last 10	
		Room Name	Room type	Unit Name	Clinic Name	Active	
Edit	<input type="checkbox"/>	12		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	14		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	15		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	16		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	17		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	18		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	19		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	20		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	21		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	
Edit	<input type="checkbox"/>	22		26	KLIN. ODD. ZA HIPERTENZUJO	Yes	

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Add new room link lets you add new room.

Edit link lets you edit existing room.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

Search rooms by selecting room property, search criteria, and entering text string to search for. Search button executes the search process. Show all button returns all rooms.

Sort rooms by clicking on each column name in the list (Room name, Room type, Unit name, Clinic name, etc) which is a clickable link and sorts records in ascending or descending order by that specific column.

2.4.1.2.4.1 Add new room

On this page you can enter information for new room:

ROOMS LIST, ADD NEW RECORD

[Back to list](#)

Room Name	<input type="text"/>	*
Room type	Please select <input type="button" value="v"/>	
Room Age	Please select <input type="button" value="v"/>	
Room Sex	Please select <input type="button" value="v"/>	
Unit Name	Please first select clinic <input type="button" value="v"/> Then select one of the units <input type="button" value="v"/>	*
Active	Please select <input type="button" value="v"/>	*
Room desc	<input type="text"/>	

* - Required field

2.4.1.2.4.2 Edit room

On this page you can edit information for existing room:

ROOMS LIST, EDIT RECORD [PRIMARY:]

[Back to list](#)

Room Name	12	*
Room type	Please select <input type="button" value="v"/>	
Room Age	Please select <input type="button" value="v"/>	
Room Sex	Please select <input type="button" value="v"/>	
Unit Name	KLIN.ODD.ZA HIPERTENZIJO <input type="button" value="v"/> 26 <input type="button" value="v"/>	*
Active	Yes <input type="button" value="v"/>	*
Room desc	<input type="text"/>	

* - Required field

2.4.1.2.4.3 Delete room

Clicking on **Delete selected** link prompts you to confirm deletion of selected rooms:

ROOMS LIST
for CLINIC ALL > UNIT ALL

Go to Dashboard | Logged in as admin | Log out

Add new room Search by: Any field Contains Search Show all Total rooms found: 349 Page 1 of 35 Records per page: 10

Select/Unselect all Delete selected [1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

		Room Name	Room	Clinic Name	Active
Edit	<input checked="" type="checkbox"/>	12		KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	14		KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	15		KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	16	26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	17	26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	18	26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	19	26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	20	26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	21	26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	22	26	KLIN.ODD.ZA HIPERTENZJO	Yes

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

2.4.1.2.4.4 Search room

Select room property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of rooms you wish to search for:

ROOMS LIST
for CLINIC ALL > UNIT ALL

Go to Dashboard | Logged in as admin | Log out

Add new room Search by: Clinic Name Contains hiper Search Show all Total rooms found: 16 Page 1 of 2 Records per page: 10

Select/Unselect all Delete selected [1 2]

		Room Name	Room type	Unit Name	Clinic Name	Active
Edit	<input type="checkbox"/>	12		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	14		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	15		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	16		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	17		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	18		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	19		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	20		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	21		26	KLIN.ODD.ZA HIPERTENZJO	Yes
Edit	<input type="checkbox"/>	22		26	KLIN.ODD.ZA HIPERTENZJO	Yes

[1 2]

2.4.1.2.4.5 Sort rooms

Clicking on **Clinic name** column will sort rooms by the clinic name. You can sort rooms by other columns as well:

ROOMS LIST Go to Dashboard | Logged in as admin | Log out
for CLINIC ALL > UNIT ALL

Add new room Search by: Any field Contains Total rooms found: 349
Page 1 of 35 Records per page: 10

Select/Unselect all Delete selected [1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

		Room Name	Room type	Unit Name	Clinic Name	Active
Edit	<input type="checkbox"/>	601		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	602		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	603		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	604		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	605		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	606		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	607		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	608		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	609		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes
Edit	<input type="checkbox"/>	610		27	KLIN.ODD ZA ŽILNE BOLEZNI	Yes

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

2.4.1.2.5 Room Types List

ROOM TYPE LIST Go to Dashboard | Logged in as admin | Log out

Add new room type Total room types found: 3
Page 1 of 1 Records per page: 20

Select/Unselect all Delete selected

		Room type name	Room type desc	Color
Edit	<input type="checkbox"/>	SR	Standard room	
Edit	<input type="checkbox"/>	CR	Carantine room	
Edit	<input type="checkbox"/>	ZZ	Some other type room	

Add new room type link lets you add new room type record.

Edit link lets you edit corresponding room type details.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

Sort room type by clicking on each column name in the list (Room type name, Room type desc) which is a clickable link and sorts records in ascending or descending order by that specific column.

2.4.1.2.5.1 Add new room type

On this page you can enter information for new room type:

ROOM TYPE LIST, ADD NEW RECORD

[← Back to list](#)

Room type name	<input type="text"/>	*
Room type desc	<input type="text"/>	
Room frame color	Please select <input type="button" value="v"/>	

* - Required field

2.4.1.2.5.2 Edit room type

On this page you can edit information for existing room type:

ROOM TYPE LIST, EDIT RECORD [PRIMARY: 1]

[← Back to list](#)

Room type name	<input type="text" value="BR"/>	*
Room type desc	<input type="text" value="Standard room"/>	
Room frame color	Please select <input type="button" value="v"/>	

* - Required field

2.4.1.2.5.3 Delete room type

Clicking on **Delete selected** link prompts you to confirm deletion of selected room types:

ROOM TYPE LIST [Go to Dashboard](#) | [Logged in as admin](#) | [Log out](#)

Add new room type		Total room types found: 3 Page 1 of 1	Records per page: 20 <input type="button" value="v"/>
Select/Unselect all	Delete selected	Room type name	Room type desc
<input type="button" value="edit"/>	<input checked="" type="checkbox"/>	S	
<input type="button" value="edit"/>	<input type="checkbox"/>	C	
<input type="button" value="edit"/>	<input type="checkbox"/>	Z	

Windows Internet Explorer

Do you really want to delete these records?

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2.4.1.2.5.4 Sort room types

Clicking on **Room type name** column will sort room types by the room type name. You can sort room types by other columns as well:

ROOM TYPE LIST Go to Dashboard | Logged in as admin | Log out

Add new room type		Total room types found: 3 Page 1 of 1		Records per page: 20
Select/Unselect all	Delete selected			
		Room type name ↑	Room type desc	Color
Edit	<input type="checkbox"/>	CR	Carantine room	
Edit	<input type="checkbox"/>	SR	Standard room	
Edit	<input type="checkbox"/>	ZZ	Some other type room	

2.4.1.2.6 Beds List

BEDS LIST Go to Dashboard | Logged in as admin | Log out

for CLINIC ALL > UNIT ALL > ROOM ALL

Add new bed	Search by: Any field	Contains	<input type="text"/>	Search	Show all	Total beds found: 1485 Page 1 of 149	Records per page: 10
Select/Unselect all	Delete selected					[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10	
		Bed type	Bed equipment	Bed status	Room Name	Unit Name	
Edit	<input type="checkbox"/>	IN		occupied	12	26	
Edit	<input type="checkbox"/>	IN		occupied	14	26	
Edit	<input type="checkbox"/>	IN		occupied	15	26	
Edit	<input type="checkbox"/>	IN		occupied	16	26	
Edit	<input type="checkbox"/>	IN		occupied	17	26	
Edit	<input type="checkbox"/>	IN		occupied	18	26	
Edit	<input type="checkbox"/>	IN		occupied	18	26	
Edit	<input type="checkbox"/>	IN		occupied	18	26	
Edit	<input type="checkbox"/>	IN		occupied	19	26	
Edit	<input type="checkbox"/>	IN		occupied	19	26	

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Add new bed link lets you add new bed.

Edit link lets you edit existing bed.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

Search beds by selecting room property, search criteria, and entering text string to search for. Search button executes the search process. Show all button returns all beds.

Sort beds by clicking on each column name in the list (Bed type, Bed equipment, Bed status, Room name, etc) which is a clickable link and sorts records in ascending or descending order by that specific column.

2.4.1.2.6.1 Add new bed

On this page you can enter information for new bed:

BEDS LIST, ADD NEW RECORD[← Back to list](#)

Bed type	<input type="text" value="Please select"/> *
Bed equipment	<input type="button" value="add"/>
Bed status	<input type="text" value="Please select"/> *
Room Name	<input type="text" value="Please first select unit"/> <input type="text" value="Then select one of the rooms"/> *
Comment	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

Click on **add** button to add equipment to this bed:

BEDS LIST, ADD NEW RECORD[← Back to list](#)

Bed type	<input type="text" value="Please select"/> *
Bed equipment	<input type="button" value="add"/>
Bed status	<input type="text" value="Please select"/> *
Room Name	<input type="text" value="Please first select unit"/> <input type="text" value="Then select one of the rooms"/> *
Comment	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

Clicking on equipment name link will take you back to add new bed page with this equipment being added:

Add bed equipment

[Back to list](#)

Equipment Name	Short Name	Equipment Description
respirator	RS	
reanimator	RA	

2.4.1.2.6.2 Edit bed

On this page you can edit information for existing bed:

BEDS LIST, EDIT RECORD[PRIMARY:]

[Back to list](#)

Bed type	IN <input type="button" value="v"/> *
Bed equipment	RS <input type="button" value="delete"/> RA <input type="button" value="delete"/> <input type="button" value="add"/>
Bed status	available <input type="button" value="v"/> *
Room Name	26 <input type="button" value="v"/> 23 <input type="button" value="v"/> *
Comment	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

Click on **delete** link to remove equipment from this bed:

BEDS LIST, EDIT RECORD[PRIMARY:]

◀ Back to list

Bed type	IN <input type="button" value="v"/> *
Bed equipment	RS delete RA delete <input type="button" value="add"/>
Bed status	available <input type="button" value="v"/> *
Room Name	26 <input type="button" value="v"/> 23 <input type="button" value="v"/> *
Comment	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

2.4.1.2.6.3 Delete bed

Clicking on **Delete selected** link prompts you to confirm deletion of selected beds:

BEDS LIST Go to Dashboard | Logged in as admin | Log out
for CLINIC ALL > UNIT ALL > ROOM ALL

Add new bed Search by: Any field Contains Search Total beds found: 1485 Page 1 of 149 Records per page: 10

Select/Unselect all Delete selected

		Bed type	Bed equ	Room Name	Unit Name
Edit	<input checked="" type="checkbox"/>	IN		12	26
Edit	<input checked="" type="checkbox"/>	IN		14	26
Edit	<input checked="" type="checkbox"/>	IN		15	26
Edit	<input checked="" type="checkbox"/>	IN	available	16	26
Edit	<input type="checkbox"/>	IN	occupied	17	26
Edit	<input type="checkbox"/>	IN	available	18	26
Edit	<input type="checkbox"/>	IN	occupied	18	26
Edit	<input type="checkbox"/>	IN	available	18	26
Edit	<input type="checkbox"/>	IN	occupied	19	26
Edit	<input type="checkbox"/>	IN	occupied	19	26

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

2.4.1.2.6.4 Search bed

Select bed property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of beds you wish to search for:

BEDS LIST Go to Dashboard | Logged in as admin | Log out
for CLINIC ALL > UNIT ALL > ROOM ALL

Add new bed Search by: Bed type Contains IN Search Show all Total beds found: 339 Page 1 of 34 Records per page: 10

Select/Unselect all Delete selected [1 2 3 4 5 6 7 8 9 10] Next 10: Last 10

		Bed type	Bed equipment	Bed status	Room Name	Unit Name
Edit	<input type="checkbox"/>	IN		occupied	12	26
Edit	<input type="checkbox"/>	IN		occupied	14	26
Edit	<input type="checkbox"/>	IN		available	15	26
Edit	<input type="checkbox"/>	IN		available	16	26
Edit	<input type="checkbox"/>	IN		occupied	17	26
Edit	<input type="checkbox"/>	IN		available	18	26
Edit	<input type="checkbox"/>	IN		occupied	18	26
Edit	<input type="checkbox"/>	IN		available	18	26
Edit	<input type="checkbox"/>	IN		occupied	19	26
Edit	<input type="checkbox"/>	IN		occupied	19	26

[1 2 3 4 5 6 7 8 9 10] Next 10: Last 10

2.4.1.2.6.5 Sort beds

Clicking on **Room name** column will sort beds by the room name. You can sort beds by other columns as well:

BEDS LIST Go to Dashboard | Logged in as admin | Log out
for CLINIC ALL > UNIT ALL > ROOM ALL

Add new bed Search by: Any field Contains Search Show all Total beds found: 339 Page 1 of 34 Records per page: 10

Select/Unselect all Delete selected [1 2 3 4 5 6 7 8 9 10] Next 10: Last 10

		Bed type	Bed equipment	Bed status	Room Name	Unit Name
Edit	<input type="checkbox"/>	IN		occupied	pl7	50
Edit	<input type="checkbox"/>	IN		available	pl3	50
Edit	<input type="checkbox"/>	IN		available	pl3	50
Edit	<input type="checkbox"/>	IN		available	pl3	50
Edit	<input type="checkbox"/>	IN		available	pl2	50
Edit	<input type="checkbox"/>	IN		occupied	pl2	50
Edit	<input type="checkbox"/>	IN		available	pl2	50
Edit	<input type="checkbox"/>	IN		available	pl1	50
Edit	<input type="checkbox"/>	IN		available	pl1	50
Edit	<input type="checkbox"/>	IN		occupied	pl1	50

[1 2 3 4 5 6 7 8 9 10] Next 10: Last 10

2.4.1.2.7 Facilities List

FACILITIES LIST Go to Dashboard | Logged in as admin | Log out

Add new facility Total facilities found: 11 Page 1 of 1 Records per page: 20

Select/Unselect all Delete selected

		Facility Name	Facility Description
Edit	<input type="checkbox"/>	023	
Edit	<input type="checkbox"/>	125	
Edit	<input type="checkbox"/>	227	
Edit	<input type="checkbox"/>	339	
Edit	<input type="checkbox"/>	441	
Edit	<input type="checkbox"/>	720	
Edit	<input type="checkbox"/>	721	
Edit	<input type="checkbox"/>	728	
Edit	<input type="checkbox"/>	729	
Edit	<input type="checkbox"/>	730	
Edit	<input type="checkbox"/>	736	

Add new facility link lets you add new facility.

Edit link lets you edit existing facility.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

Sort facilities by clicking on each column name in the list (Facility name, Facility description) which is a clickable link and sorts records in ascending or descending order by that specific column.

2.4.1.2.7.1 Add new facility

On this page you can enter information for new facility:

FACILITIES LIST, ADD NEW RECORD

[← Back to list](#)

Facility Name	<input type="text"/>	*
Facility Description	<input type="text"/>	

* - Required field

2.4.1.2.7.2 Edit facility

On this page you can edit information for existing facility:

FACILITIES LIST, EDIT RECORD [PRIMARY:]

[← Back to list](#)

Facility Name	<input type="text" value="p23"/>	*
Facility Description	<input type="text"/>	

* - Required field

2.4.1.2.7.3 Delete facility

Clicking on **Delete selected** link prompts you to confirm deletion of selected facilities:

FACILITIES LIST Go to Dashboard | Logged in as admin | Log out

Add new facility Total facilities found: 11
Page 1 of 1 Records per page: 20

Select/Unselect all Delete selected

		Facility Name	Facility Description
Edit	<input checked="" type="checkbox"/>		
Edit	<input type="checkbox"/>		
Edit	<input type="checkbox"/>		
Edit	<input type="checkbox"/>		
Edit	<input type="checkbox"/>	441	
Edit	<input type="checkbox"/>	720	
Edit	<input type="checkbox"/>	721	
Edit	<input type="checkbox"/>	728	
Edit	<input type="checkbox"/>	729	
Edit	<input type="checkbox"/>	730	
Edit	<input type="checkbox"/>	736	

Windows Internet Explorer
Do you really want to delete these records?
OK Cancel

2.4.1.2.7.4 Sort facilities

Clicking on **Facility name** column will sort facilities by the facility name. You can sort facilities by other columns as well:

FACILITIES LIST Go to Dashboard | Logged in as admin | Log out

Add new facility Total facilities found: 11
Page 1 of 1 Records per page: 20

Select/Unselect all Delete selected

		Facility Name	Facility Description
Edit	<input type="checkbox"/>	736	
Edit	<input type="checkbox"/>	730	
Edit	<input type="checkbox"/>	729	
Edit	<input type="checkbox"/>	728	
Edit	<input type="checkbox"/>	721	
Edit	<input type="checkbox"/>	720	
Edit	<input type="checkbox"/>	441	
Edit	<input type="checkbox"/>	339	
Edit	<input type="checkbox"/>	227	
Edit	<input type="checkbox"/>	125	
Edit	<input type="checkbox"/>	023	

2.4.1.3 Dashboard

Dashboard provides basic hospital data and statistics.

Users (Total number: 4)		
System Administrator:		1
Executive Manager:		1
Bed Manager:		1
Nurse:		1
Units (Total number: 59)		
Rooms (Total number: 349)		
Beds (Total number: 1485)		
Bed Type	Bed Status	Bed Equipment
DH: 18	occupied: 1485	Undefined: 1485
EH: 9		
IN: 339		
IPP: 6		
IT: 171		
NN: 852		
Zasilka: 90		

Users displays total number of users in the hospital following the subtotals for each all user type

Units displays total number of units in the hospital.

Rooms displays total number of rooms in the hospital.

Beds displays total number of bed in the hospital following the tables for Bed Types with subtotals for each bed type, Bed Status with subtotal for each bed status, and Bed Equipment with subtotal for each bed equipment type.

2.4.2 Settings

Settings page is used for setting general application parameters.



SETTINGS PAGE [Back to Dashboard](#) | [Logged in as admin](#) | [Log out](#)

sub menu:	Total rooms displayed at one time	1	Edit
Maintain Bed Types	Total beds displayed at one time	1	Edit
Maintain Bed Status	Number of beds shifted to the left	1	Edit
Maintain Bed Equipment	Number of beds shifted to the right	1	Edit
Maintain Colors	Login session duration time in minutes	30	Edit

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It is divided into following main sections:

- Toolbar
- Sub menu
- Setting parameters

2.4.2.1 Toolbar

SETTINGS PAGE [Back to Dashboard](#) | [Logged in as admin](#) | [Log out](#)

Settings Page is a page header indicating page title.

Back to Dashboard link takes you back to the Dashboard Panel.

Logged in as username displays your current username, which is clickable link. Clicking on it takes you to the page where you can edit your own personal information.

Log out link lets you exit the application.

2.4.2.1.1 Dashboard Panel

wbm
wise bed manager

SYSTEM ADMINISTRATOR DASHBOARD Change Password Logged in as admin Log out

Main menu:

- Maintain Usernames
- Maintain Clinics
- Maintain Units
- Maintain Rooms
- Maintain Room Types
- Maintain Beds
- Maintain Facilities
- Settings

Users (Total number: 4)

System Administrator:	1
Executive Manager:	1
Bed Manager:	1
Nurse:	1

Units (Total number: 59)

Rooms (Total number: 349)

Beds (Total number: 1485)

Bed Type	Bed Status	Bed Equipment
DH: 18	occupied: 1485	Undefined: 1485
EH: 9		
IN: 339		
IPP: 6		
IT: 171		
NN: 852		
Zasilka: 90		

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Dashboard panel is divided into following main sections:

- Toolbar
- Main menu
- Dashboard

2.4.2.1.2 Edit personal info

Every user can change his own personal information using this page.

USER LIST, EDIT RECORD [PRIMARY:]

[← Back to previous](#)

Login	<input type="text" value="admin"/> *
Password	<input type="password" value="•••••"/> *
First name	<input type="text" value="Michael"/> *
Last name	<input type="text" value="Jackson"/> *
User type	<input type="text" value="System Administrator"/> *
Unit Name	<input type="text" value="Please select"/>
Email	<input type="text"/>
Phone	<input type="text" value="258-554"/> *
Active	<input type="text" value="Yes"/> *
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

2.4.2.1.3 Logout

BED MANAGER DASHBOARD [Change Password](#) | [Logged in as bedmanager](#) | [Log out](#)

In the toolbar at the top of the page click log out.
A message confirming you were successfully logged out is displayed:

You successfully logged out.

After a few seconds the login page will be displayed allowing you to log back in.

2.4.2.2 Sub menu



Clicking on a menu item opens the corresponding page.



Maintain Bed Types link opens Bed Types List

Maintain Bed Status link opens Beds Status List

Maintain Bed Equipment link opens Equipment List

Maintain Colors link opens Color List.

2.4.2.2.1 Bed Types List

BED TYPES				Go to Settings page Dashboard Logged in as admin Log out
Add new bed type		Total bed types found: 7 Page 1 of 1		Records per page: 20
Select/Unselect all		Delete selected		
		Bed Type	Bed Type Description	Color
Edit	<input type="checkbox"/>	NN		blue
Edit	<input type="checkbox"/>	EH		GREENER
Edit	<input type="checkbox"/>	DH		white
Edit	<input type="checkbox"/>	IPP		yellow
Edit	<input type="checkbox"/>	IN		orange
Edit	<input type="checkbox"/>	IT		grey
Edit	<input type="checkbox"/>	Zasilka		red

Add new bed type link lets you add new bed type.

Edit link lets you edit corresponding bed type that already exists on the system.

Delete selected link removes all selected bed types. Each bed type has a corresponding checkbox that can be selected for deletion.

2.4.2.2.1.1 Add new bed type

On this page you can enter information for new bed type:

BED TYPES, ADD NEW RECORD

[← Back to list](#)

Bed Type	<input type="text"/>	*
Bed Type Description	<input type="text"/>	
Bed type color	<input type="text" value="Please select"/>	

* - Required field

2.4.2.2.1.2 Edit bed type

On this page you can edit information for existing bed type:

BED TYPES, EDIT RECORD [PRIMARY: 1]

[← Back to list](#)

Bed Type	<input type="text" value="NN"/>	*
Bed Type Description	<input type="text"/>	
Bed type color	<input type="text" value="blue"/>	

* - Required field

2.4.2.2.1.3 Delete bed type

Clicking on **Delete selected** link prompts you to confirm deletion of selected bed types:

BED TYPES Go to [Settings page](#) | [Dashboard](#) | Logged in as admin | [Log out](#)

Add new bed type Total bed types found: 7
Page 1 of 1 Records per page: 20

Select/Unselect all [Delete selected](#)

		Bed Type	Bed Type Description	Color
	<input checked="" type="checkbox"/>	NN		blue
	<input type="checkbox"/>	EH		green
	<input type="checkbox"/>	DH		white
	<input type="checkbox"/>	IPP		yellow
	<input type="checkbox"/>	IN		orange
	<input type="checkbox"/>	IT		grey
	<input type="checkbox"/>	Zasilka		red

Windows Internet Explorer

Do you really want to delete these records?

OK Cancel

2.4.2.2.2 Bed Status List

BED STATUS Go to [Settings page](#) | [Dashboard](#) | Logged in as admin | [Log out](#)

Add new bed status Total bed status found: 3
Page 1 of 1 Records per page: 20

Select/Unselect all [Delete selected](#)

		Bed Status	Bed Status Description
	<input type="checkbox"/>	available	
	<input type="checkbox"/>	occupied	
	<input type="checkbox"/>	maintenance	

Add new bed status link lets you add new bed status record.

Edit link lets you edit corresponding bed status details.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

2.4.2.2.2.1 Add new bed status

On this page you can enter information for new bed status:

BED STATUS, ADD NEW RECORD

[Back to list](#)

Bed Status	<input type="text"/> *
Bed Status Description	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

2.4.2.2.2 Edit bed status

On this page you can edit information for existing bed status:

BED STATUS, EDIT RECORD [PRIMARY:]

← Back to list

Bed Status	occupied *
Bed Status Description	

Save Reset

* - Required field

2.4.2.2.3 Delete bed status

Clicking on **Delete selected** link prompts you to confirm deletion of selected bed statuses:

BED STATUS Go to Settings page | Dashboard | Logged in as admin | Log out

Add new bed status Total bed statuses found: 3
Page 1 of 1 Records per page: 20

Select/Unselect all Delete selected

		Bed Status	Bed Status Description
Edit	<input checked="" type="checkbox"/>	occupied	
Edit	<input type="checkbox"/>	available	
Edit	<input type="checkbox"/>	maintenance	

Windows Internet Explorer

Do you really want to delete these records?

OK Cancel

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2.4.2.2.3 Equipment List

BED EQUIPMENT Go to Settings page | Dashboard | Logged in as admin | Log out

Add new bed equipment Total bed equipments found: 2
Page 1 of 1 Records per page: 20

Select/Unselect all Delete selected

		Short Name	Equipment Name	Equipment Description
Edit	<input type="checkbox"/>	RS	respirator	
Edit	<input type="checkbox"/>	RA	reanimator	

Add new bed equipment link lets you add new bed equipment record.

Edit link lets you edit corresponding bed equipment details.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

2.4.2.2.3.1 Add new bed equipment

On this page you can enter information for new bed equipment:

EQUIPMENT LIST, ADD NEW RECORD

[← Back to list](#)

Short Name	<input type="text"/>	*
Equipment Name	<input type="text"/>	*
Equipment Description	<input type="text"/>	

* - Required field

2.4.2.2.3.2 Edit bed equipment

On this page you can edit information for existing bed equipment:

EQUIPMENT LIST, EDIT RECORD [PRIMARY:]

[← Back to list](#)

Short Name	<input type="text" value="RS"/>	*
Equipment Name	<input type="text" value="respirator"/>	*
Equipment Description	<input type="text"/>	

* - Required field

2.4.2.2.3.3 Delete bed equipment

Clicking on **Delete selected** link prompts you to confirm deletion of selected bed equipment:

BED EQUIPMENT [Go to Settings page](#) | [Dashboard](#) | Logged in as admin | [Log out](#)

Add new bed equipment Total bed equipments found: 2 Records per page: 20
Page 1 of 1

Select/Unselect all [Delete selected](#)

		Short Name	Equipment Name	Equipment Description
<input type="checkbox"/>	<input checked="" type="checkbox"/>	RS		
<input type="checkbox"/>	<input type="checkbox"/>	RA		

Windows Internet Explorer


Do you really want to delete these records?

2.4.2.2.4 Colors List

COLOR LIST Go to [Settings page](#) | [Dashboard](#) | Logged in as admin | [Log out](#)

Add new color Total colors found: 7 Records per page: 30
Page 1 of 1

Select/Unselect all Delete selected

		Color name	Color code
Edit	<input type="checkbox"/>	white	#FFFFFF
Edit	<input type="checkbox"/>	red	#E53A3B
Edit	<input type="checkbox"/>	GREENER	#4CB04C
Edit	<input type="checkbox"/>	blue	#5178AE
Edit	<input type="checkbox"/>	yellow	#D7D50C
Edit	<input type="checkbox"/>	orange	orange
Edit	<input type="checkbox"/>	grey	grey

Add new color link lets you add new color record.

Edit link lets you edit existing color details.

Delete selected link removes all selected records. Each record has a corresponding checkbox that can be marked for deletion.

2.4.2.2.4.1 Add new color

On this page you can enter information for new color:

COLOR LIST, ADD NEW RECORD

[Back to list](#)

Color name	<input type="text"/>	*
Color code	<input type="text" value="#FFFFFF"/>	*
<input type="button" value="Save"/> <input type="button" value="Reset"/>		

* - Required field

2.4.2.2.4.2 Edit color

On this page you can edit information for existing color:

COLOR LIST, EDIT RECORD [PRIMARY: 2]

[Back to list](#)

Color name	<input type="text" value="red"/> *
Color code	<input type="text" value="#FFFFFF"/> *
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

2.4.2.2.4.3 Delete color

Clicking on **Delete selected** link prompts you to confirm deletion of selected colors:

COLOR LIST Go to [Settings page](#) | [Dashboard](#) | Logged in as admin | [Log out](#)

Add new color Total colors found: 7 Records per page: 30
Page 1 of 1

Select/Unselect all		Delete selected	Color name	Color code
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		#FFFFFF
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		#E53A3B
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		#76AF50
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		#5178AE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	yellow	#D7D50C
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	orange	orange
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	grey	grey

Windows Internet Explorer
 Do you really want to delete these records?

2.4.2.3 Setting parameters

Total rooms displayed at one time	1	Edit
Total beds displayed at one time	1	Edit
Number of beds shifted to the left	1	Edit
Number of beds shifted to the right	1	Edit
Login session duration time in minutes	30	Edit

Clicking on **Edit** link allows you to modify value for one of the following parameter:

Total rooms displayed at one time specifies number of rooms displayed per unit inside the unit GUI.

Total beds displayed at one time specifies number of beds displayed per room inside the unit GUI.

Number of beds shifted to the left specifies number of beds to scroll horizontally to the left inside the unit GUI.

Number of beds shifted to the right specifies number of beds to scroll horizontally to the right inside the unit GUI.

Login session duration time in minutes specifies number of minutes before the session ends after the period of inactivity.

2.4.2.3.1 Total rooms displayed at one time

Enter numeric value for **Total rooms displayed at one time** parameter:

SETTINGS PAGE, EDIT RECORD [TOTAL ROOMS DISPLAYED AT ONE TIME]

[← Back to list](#)

Total rooms displayed at one time	<input type="text" value="1"/>	*
	<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

2.4.2.3.2 Total beds displayed at one time

Enter numeric value for **Total beds displayed at one time** parameter:

SETTINGS PAGE, EDIT RECORD [TOTAL BEDS DISPLAYED AT ONE TIME]

[← Back to list](#)

Total beds displayed at one time	<input type="text" value="1"/>	*
	<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

2.4.2.3.3 Number of beds shifted to the left

Enter numeric value for **Number of beds shifted to the left** parameter:

SETTINGS PAGE, EDIT RECORD [NUMBER OF BEDS SHIFTED TO THE LEFT]

[← Back to list](#)

Number of beds shifted to the left	<input type="text" value="1"/>	*
	<input type="button" value="Save"/> <input type="button" value="Reset"/>	

* - Required field

2.4.2.3.4 Number of beds shifted to the right

Enter numeric value for **Number of beds shifted to the right** parameter:

SETTINGS PAGE, EDIT RECORD [NUMBER OF BEDS SHIFTED TO THE RIGHT]

[← Back to list](#)

Number of beds shifted to the right

 *

* - Required field

2.4.2.3.5 Login session duration time in minutes

Enter numeric value for **Login session duration time in minutes** parameter:

SETTINGS PAGE, EDIT RECORD [LOGIN SESSION DURATION TIME IN MINUTES]

[← Back to list](#)

Login session duration time in minutes

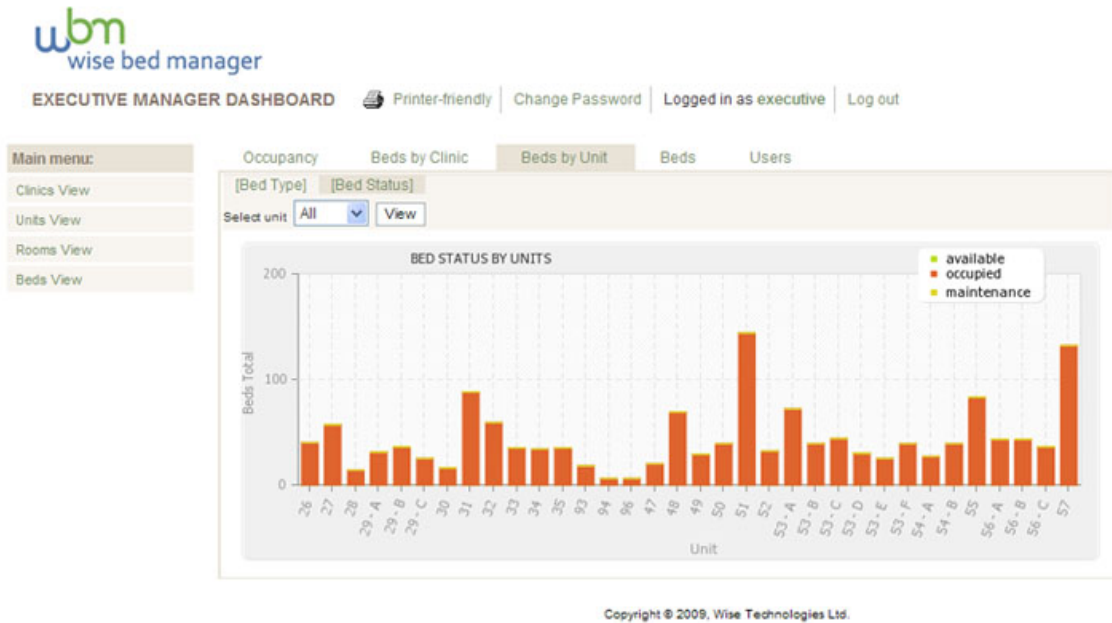
 *

* - Required field

2.5 Executive

The Executive users monitor hospital resources (Beds, Rooms, Units, Clinics). This helps them to make management decisions.

2.5.1 Dashboard Panel



The *Dashboard panel* is divided into the following sections:

- Toolbar
- Main menu
- Dashboard

2.5.1.1 Toolbar

EXECUTIVE MANAGER DASHBOARD Printer-friendly | Change Password | Logged in as executive | Log out

Executive Manager Dashboard is a page header indicating user type and page title

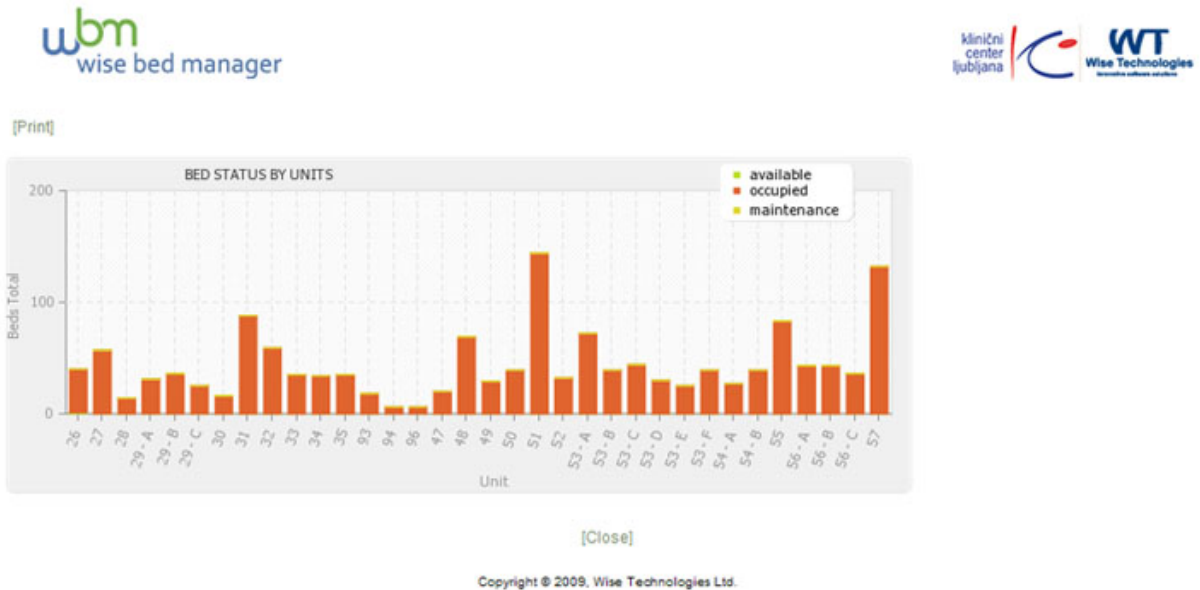
Printer-friendly link opens up a new window with the version of the page that is suitable for printing

Change password link lets you change your password by taking you to Change Password page

Logged in as username displays your current username, which is clickable link. Clicking on it takes you to the Edit User page where you can edit your own personal information such as Login, Password, First name, Last name, User type, Unit name, Email, Phone etc.

Log out link lets you exit the application

2.5.1.1.1 Printer-friendly



This version is suitable for printing.

Print link at the top opens OS dialog box that allows you to select the printer.

Close link at the bottom closes the window.

2.5.1.1.2 Change password

The page is used to change your password:

Current password:

New password:

Retype new password:

Submit

Current password is where you enter your current password

New password is where you enter the new password you want to use.

Retype new password is used as a safety precaution. The values entered in the fields "New password" and "Retype new password" must match.

Click on the *Submit* button to have the password changed.

For security purposes you should change your password from time to time. Never use a password that is easy to guess.

2.5.1.1.3 Edit personal info

USER LIST, EDIT RECORD [PRIMARY:]

[← Back to previous](#)

Login	<input type="text" value="executive"/> *
Password	<input type="password" value="....."/> *
First name	<input type="text" value="Steve"/> *
Last name	<input type="text" value="Wonder"/> *
User type	<input type="text" value="Executive Manager"/> *
Unit Name	<input type="text" value="Please select"/>
Email	<input type="text"/>
Phone	<input type="text" value="224-558"/> *
Active	<input type="text" value="Yes"/> *

* - Required field

User can change any of his own personal information except for the User type.

User type can be changed ONLY by system administrator.

2.5.1.1.4 Logout

BED MANAGER DASHBOARD [Change Password](#) | [Logged in as bedmanager](#) | [Log out](#)

In the toolbar at the top of the page click log out.

A message confirming you were successfully logged out is displayed:

You successfully logged out.

After a few seconds the login page will be displayed allowing you to log back in.

2.5.1.2 Main menu

Main menu:
Clinics View
Units View
Rooms View
Beds View

Clinics View link opens Clinics List in read only form where you can view users.

Units View link opens Units List in read only form where you can view units.

Rooms View link opens Rooms List in read only form where you can view rooms.

Beds View link opens Beds List in read only form where you can view beds.

2.5.1.2.1 Clinics list

CLINICS LIST		
Total clinics found: 45 Page 1 of 5		Go to Dashboard Logged in as executive Log out Records per page: 10
[1 2 3 4 5]		
Clinic short name	Clinic Name	Clinic Description
26	KLIN. ODD. ZA HIPERTENZIJU	
27	KLIN. ODD. ZA ŽILNE BOLEZNI	
28	KLIN. ODD. ZA INTENZIVNO INTERNO MEDICINO	
29	KLIN. ODD. ZA KARDIOLOGIJO	
30	CENTER ZA PLJ. BOL. IN ALERGIJO	
31	KLIN. ODD. ZA GASTROENTEROLOGIJO	
32	KL. ODD. ZA ENDOKRINOLOGIJO, DIABETES IN PRESNOVE BOLEZNI	
33	KLIN. ODD. ZA NEFROLOGIJO	
34	KLIN. ODD. ZA REVMA TOLOGIJO	
35	KLIN. ODD. ZA HEMATOLOGIJO	

[1 2 3 4 5]

Clicking on column name will sort clinics by that column.

2.5.1.2.1.1 Sort clinics

Clicking on **Clinic short name** column will sort clinics by the clinic short name. You can sort clinics by other columns as well:

CLINICS LIST Go to Dashboard | Logged in as executive | Log out

Total clinics found: 45
Page 1 of 5 Records per page: 10

[1 2 3 4 5]

Clinic short name	Clinic Name	Clinic Description
96	INTERNISTIČNA PRVA POMOČ	
94	CENTER ZA ZASTRUPITVE	
93	CENTER ZA VOJNE VETERANE	
66	INFEKTOLOGIJA ZA ODRASLE	
66	KL. ODD. ZA ANEST. - CIT	
65	KLIN. ODD. ZA REPRODUKCIJO	
64	KLIN. ODD. ZA PERINATOLOGIJO	
64	KLINIKA ZA NUKLEARNO MEDICINO	
63	KLIN. ODD. ZA GINEKOLOGIJO	
61	OČESNA KLINIKA	

[1 2 3 4 5]

2.5.1.2.2 Units list

UNITS LIST
for CLINIC ALL Go to Dashboard | Logged in as executive | Log out

Total units found: 59
Page 1 of 6 Records per page: 10

[1 2 3 4 5 6]

Unit Name	Clinic Name	Facility Name
26	KLIN. ODD. ZA HIPERTENZIJO	023
27	KLIN. ODD. ZA ŽILNE BOLEZNI	023
28	KLIN. ODD. ZA INTENZIVNO INTERNO MEDICINO	023
29 - A	KLIN. ODD. ZA KARDIOLOGIJO	023
29 - B	KLIN. ODD. ZA KARDIOLOGIJO	023
29 - C	KLIN. ODD. ZA KARDIOLOGIJO	023
29 - D	KLIN. ODD. ZA KARDIOLOGIJO	023
30	CENTER ZA PLJ. BOL. IN ALERGIJO	023
31	KLIN. ODD. ZA GASTROENTEROLOGIJO	023
32	KL. ODD. ZA ENDOKRINOLOGIJO, DIABETES IN PRESNOVE BOLEZNI	023

[1 2 3 4 5 6]

Clicking on column name will sort units by that column.

2.5.1.2.2.1 Sort units

Clicking on **Clinic name** column will sort units by the clinic name. You can sort units by other columns as well:

UNITS LIST
for CLINIC ALL Go to Dashboard | Logged in as executive | Log out

Total units found: 59
Page 1 of 6 Records per page: 10

[1 2 3 4 5 6]

Unit Name	Clinic Name	Facility Name
30	SLUŽBA ZA PLJUČNE BOLEZNI	441
44	SLUŽBA ZA OTROŠKO PSIHIATRIJO	441
35	SLUŽBA ZA ONKOLOGIJO IN HEMAT.	441
39	SLUŽBA ZA NEONATOLOGIJO	441
29	SLUŽBA ZA KARDIOLOGIJO	441
31	SLUŽBA ZA GASTROENTEROLOGIJO	441
34	SLUŽBA ZA ALERG. IN REVM. BOL.	441
57 - B	ORTOPEDSKA KLINIKA	729
57 - C	ORTOPEDSKA KLINIKA	729
57 - D	ORTOPEDSKA KLINIKA	729

[1 2 3 4 5 6]

2.5.1.2.3 Rooms list

ROOMS LIST
for CLINIC ALL > UNIT ALL

Go to Dashboard | Logged in as executive | Log out

Search by: Any field Contains [] Search Show all

Total rooms found: 349
Page 1 of 35

Records per page: 10

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Room Name	Room type	Unit Name	Clinic Name	Active
12		26	KLIN.ODD.ZA HIPERTENZUO	Yes
14		26	KLIN.ODD.ZA HIPERTENZUO	Yes
15		26	KLIN.ODD.ZA HIPERTENZUO	Yes
16		26	KLIN.ODD.ZA HIPERTENZUO	Yes
17		26	KLIN.ODD.ZA HIPERTENZUO	Yes
18		26	KLIN.ODD.ZA HIPERTENZUO	Yes
19		26	KLIN.ODD.ZA HIPERTENZUO	Yes
20		26	KLIN.ODD.ZA HIPERTENZUO	Yes
21		26	KLIN.ODD.ZA HIPERTENZUO	Yes
22		26	KLIN.ODD.ZA HIPERTENZUO	Yes

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Clicking on column name will sort rooms by that column.

2.5.1.2.3.1 Search rooms

Select room property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of rooms you wish to search for:

ROOMS LIST
for CLINIC ALL > UNIT ALL

Go to Dashboard | Logged in as executive | Log out

Search by: Clinic Name Contains ZASTRUPITVE Search Show all

Total rooms found: 2
Page 1 of 1

Records per page: 20

Room Name	Room type	Unit Name	Clinic Name	Active
6		94	CENTER ZA ZASTRUPITVE	Yes
7		94	CENTER ZA ZASTRUPITVE	Yes

2.5.1.2.3.2 Sort rooms

Clicking on **Unit name** column will sort rooms by the unit name. You can sort rooms by other columns as well:

ROOMS LIST
for CLINIC ALL > UNIT ALL

Go to Dashboard | Logged in as executive | Log out

Search by: Any field Contains [] Search Show all

Total rooms found: 349
Page 1 of 35

Records per page: 10

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Room Name	Room type	Unit Name	Clinic Name	Active
		96	INTERNISTIČNA PRVA POMOČ	Yes
6		94	CENTER ZA ZASTRUPITVE	Yes
7		94	CENTER ZA ZASTRUPITVE	Yes
9		93	CENTER ZA VOJNE VETERANE	Yes
8		93	CENTER ZA VOJNE VETERANE	Yes
7		93	CENTER ZA VOJNE VETERANE	Yes
6		93	CENTER ZA VOJNE VETERANE	Yes
5		93	CENTER ZA VOJNE VETERANE	Yes
3		93	CENTER ZA VOJNE VETERANE	Yes
2		93	CENTER ZA VOJNE VETERANE	Yes

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

2.5.1.2.4 Beds list

BEDS LIST
for CLINIC ALL > UNIT ALL > ROOM ALL

Go to Dashboard | Logged in as executive | Log out

Search by: Any field Contains [] Search Show all

Total beds found: 1485
Page 1 of 149

Records per page: 10

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Bed type	Bed equipment	Bed status	Room Name	Unit Name
IN		occupied	12	26
IN		occupied	14	26
IN		occupied	15	26
IN		occupied	16	26
IN		occupied	17	26
IN		occupied	18	26
IN		occupied	18	26
IN		occupied	18	26
IN		occupied	19	26
IN		available	19	26

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Clicking on column name will sort beds by that column.

2.5.1.2.4.1 Search beds

Select bed property and search criteria from drop-down list, enter string to search for, and click on **Search** button to get the list of beds you wish to search for:

BEDS LIST
for CLINIC ALL > UNIT ALL > ROOM ALL

Go to Dashboard | Logged in as executive | Log out

Search by: Bed status Contains occupied Search Show all

Total beds found: 375
Page 1 of 38

Records per page: 10

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Bed type	Bed equipment	Bed status	Room Name	Unit Name
IN		occupied	12	26
IN		occupied	14	26
IN		occupied	17	26
IN		occupied	18	26
IN		occupied	19	26
IN		occupied	19	26
IN		occupied	20	26
IN		occupied	20	26
IN		occupied	22	26
IN		occupied	23	26

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

2.5.1.2.4.2 Sort beds

Clicking on **Room name** column will sort beds by the room name. You can sort beds by other columns as well:

BEDS LIST
for CLINIC ALL > UNIT ALL > ROOM ALL

Go to Dashboard | Logged in as executive | Log out

Search by: Any field Contains [] Search Show all

Total beds found: 1485
Page 1 of 149

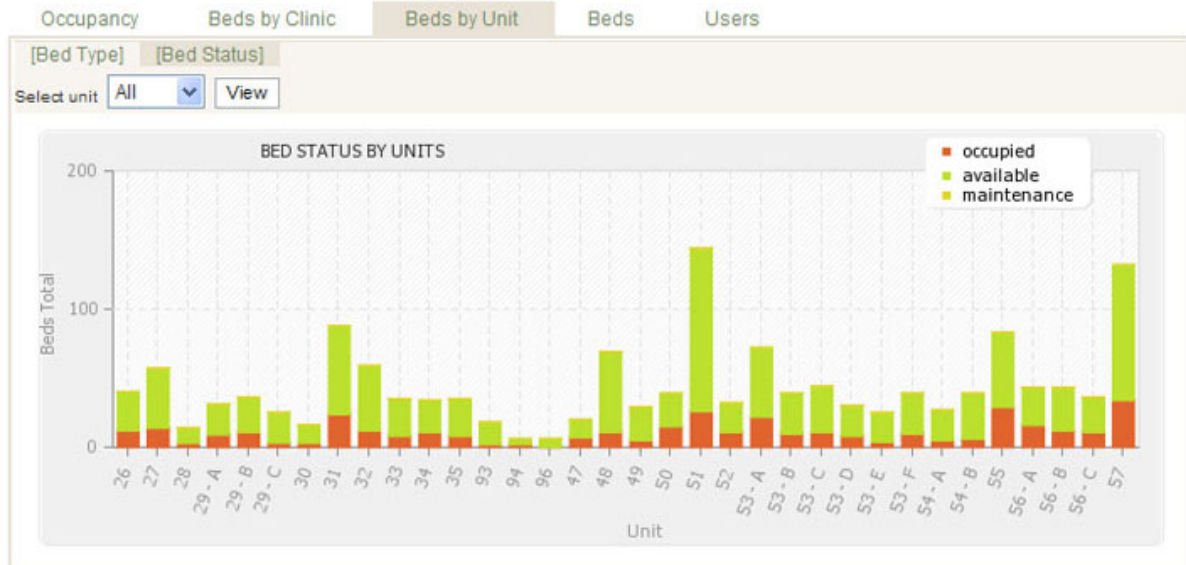
Records per page: 10

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

Bed type	Bed equipment	Bed status	Room Name ↓	Unit Name
IN		occupied	pl7	50
IN		available	pl3	50
IN		available	pl3	50
IN		available	pl3	50
IN		available	pl2	50
IN		occupied	pl2	50
IN		available	pl2	50
IN		available	pl1	50
IN		available	pl1	50
IN		occupied	pl1	50

[1 2 3 4 5 6 7 8 9 10] Next 10 : Last 10

2.5.1.3 Dashboard



Each tab at the top represents specific type of hospital statistics:

Occupancy displays total number of beds that are occupied in percentages over specified time interval at the hospital, clinic, or unit level

Beds by Clinic is divided into:

- **Bed Type**
- **Bed Status** is selected by default

Beds by Unit is selected by default and is divided into:

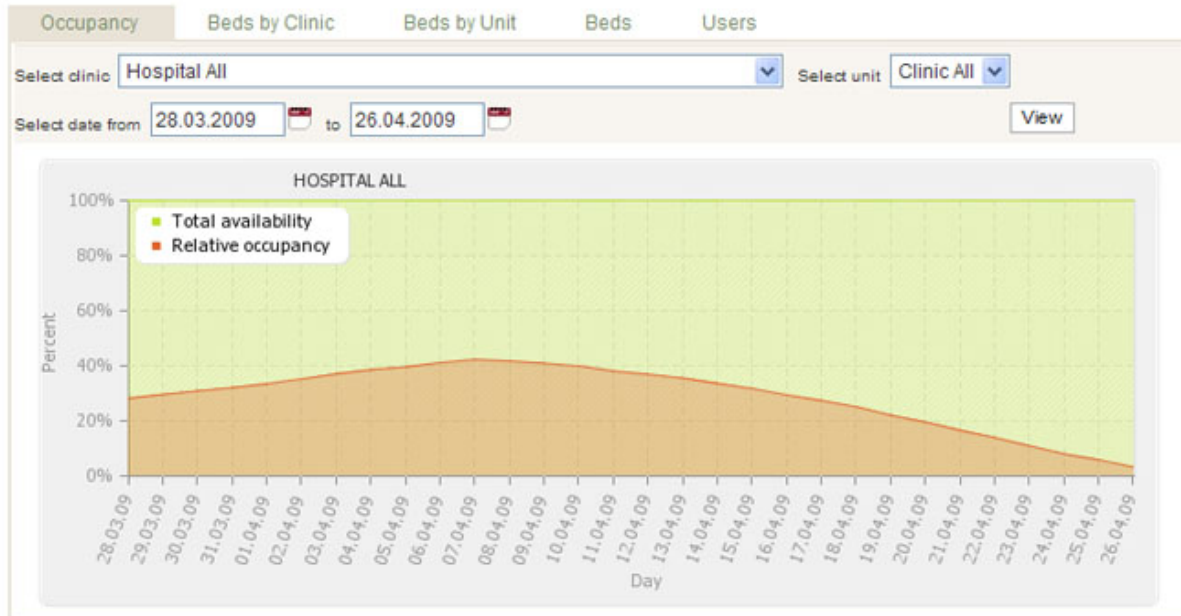
- **Bed Type**
- **Bed Status** is selected by default

Beds contains data for entire hospital and is divided into:

- **Bed Type**
- **Bed Status**
- **Bed Equipment**

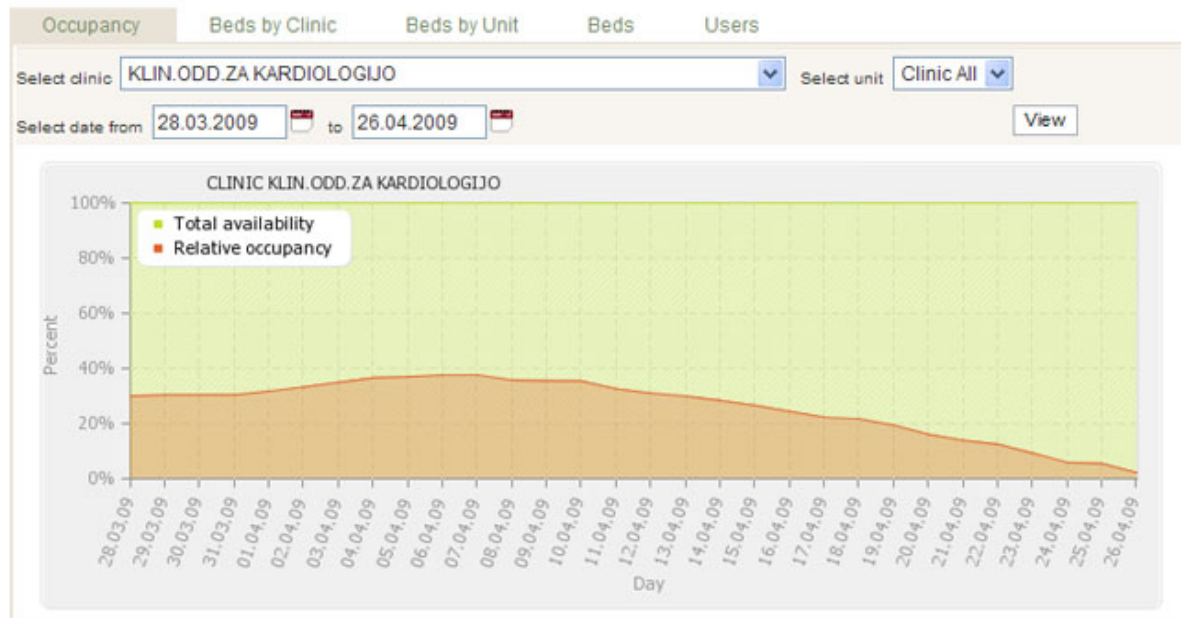
Users displays user type data for entire hospital

2.5.1.3.1 Occupancy



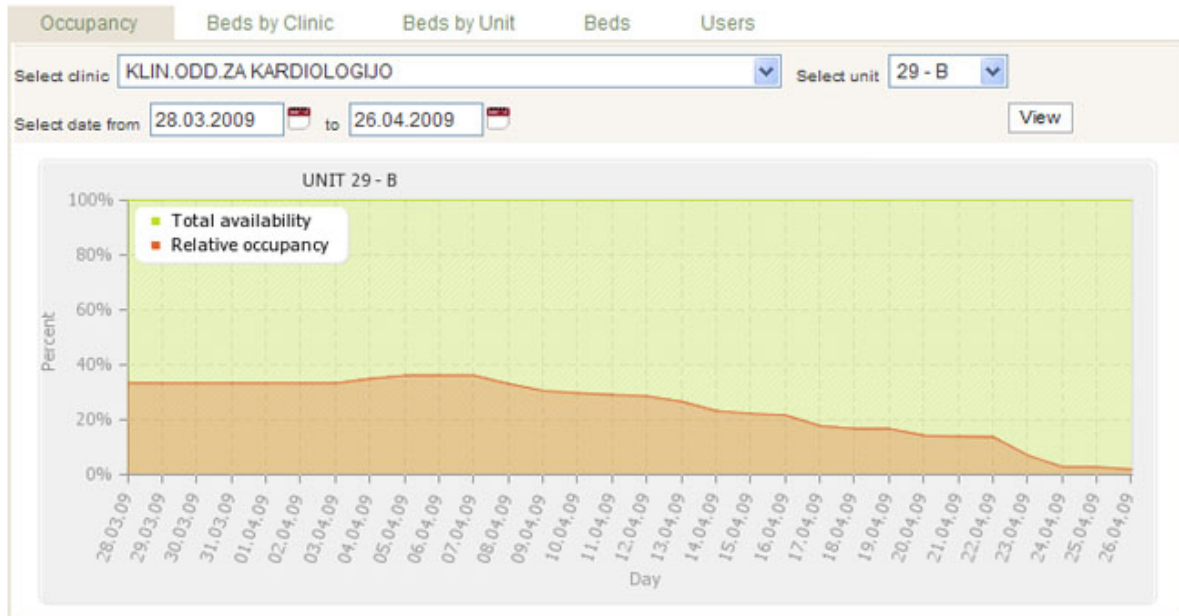
By default, it is displayed relative bed occupancy for entire hospital (all clinics, and all units) over the period of past 30 days.

2.5.1.3.1.1 Occupancy at specific clinic



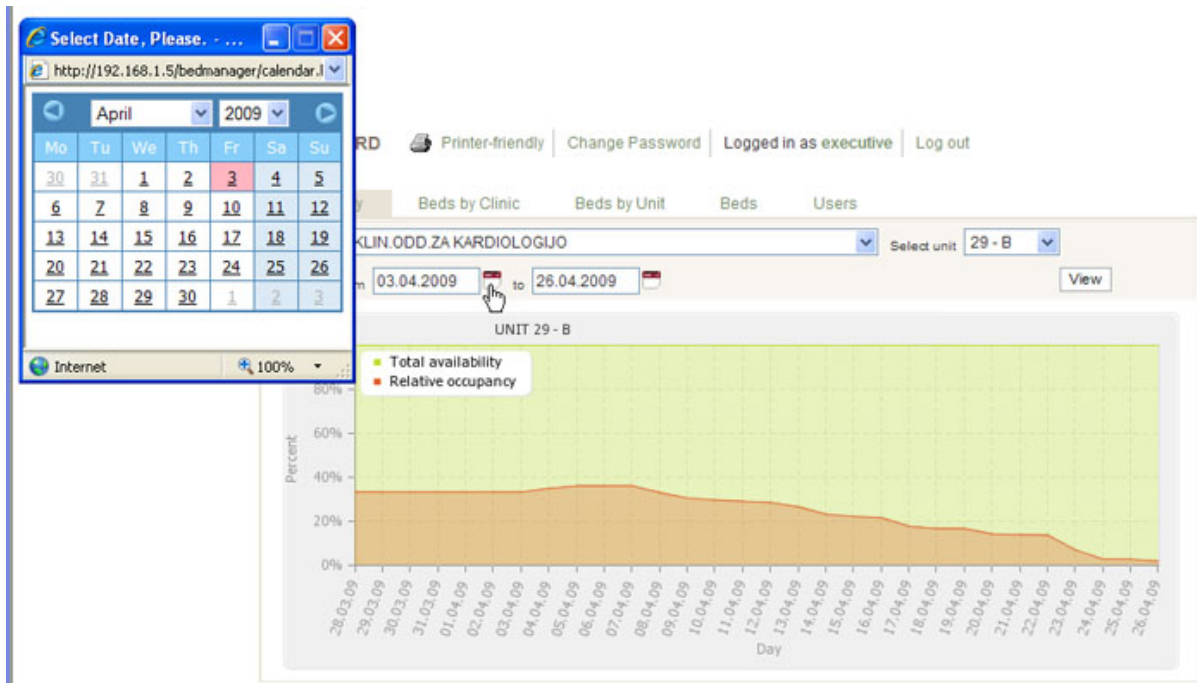
You can view relative bed occupancy for a specific clinic by selecting it from 'Select clinic' drop-down list. Make sure 'Clinic All' value is selected from 'Select unit' drop-down list in order to obtain data for entire clinic.

2.5.1.3.1.2 Occupancy at specific unit



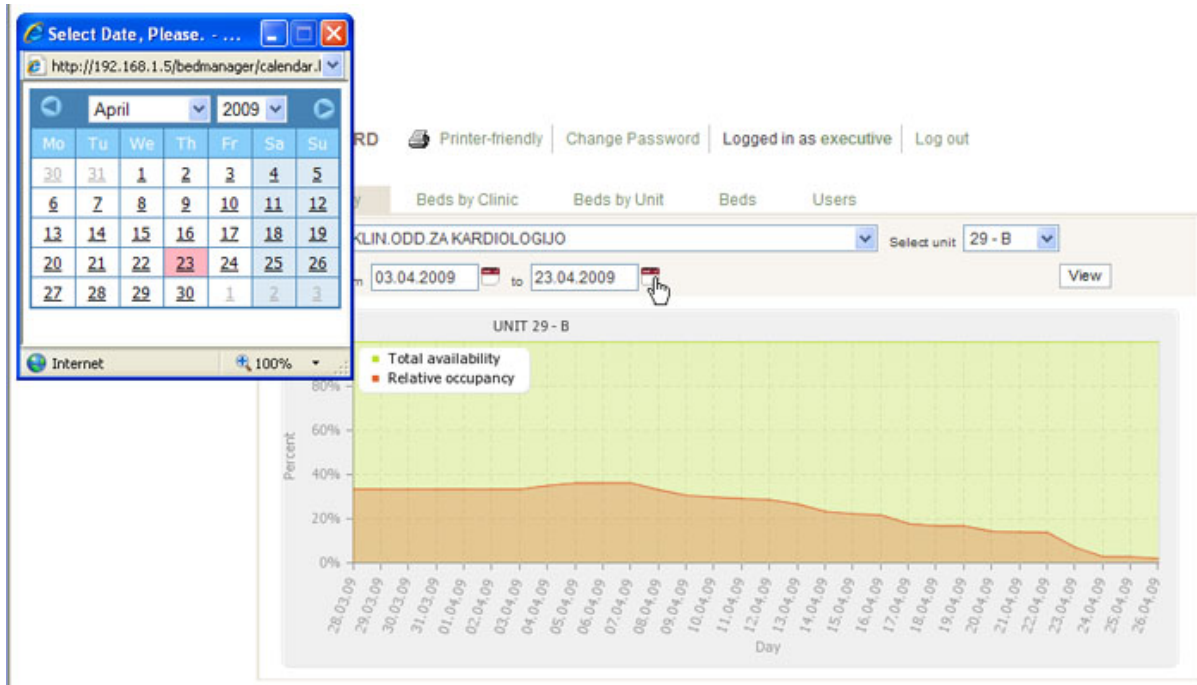
You can view relative bed occupancy for a specific unit by selecting it from 'Select unit' drop-down list. Clinic that this unit belongs to must be pre-selected from 'Select clinic' drop-down list in order to be able to see that unit.

2.5.1.3.1.3 Select from date



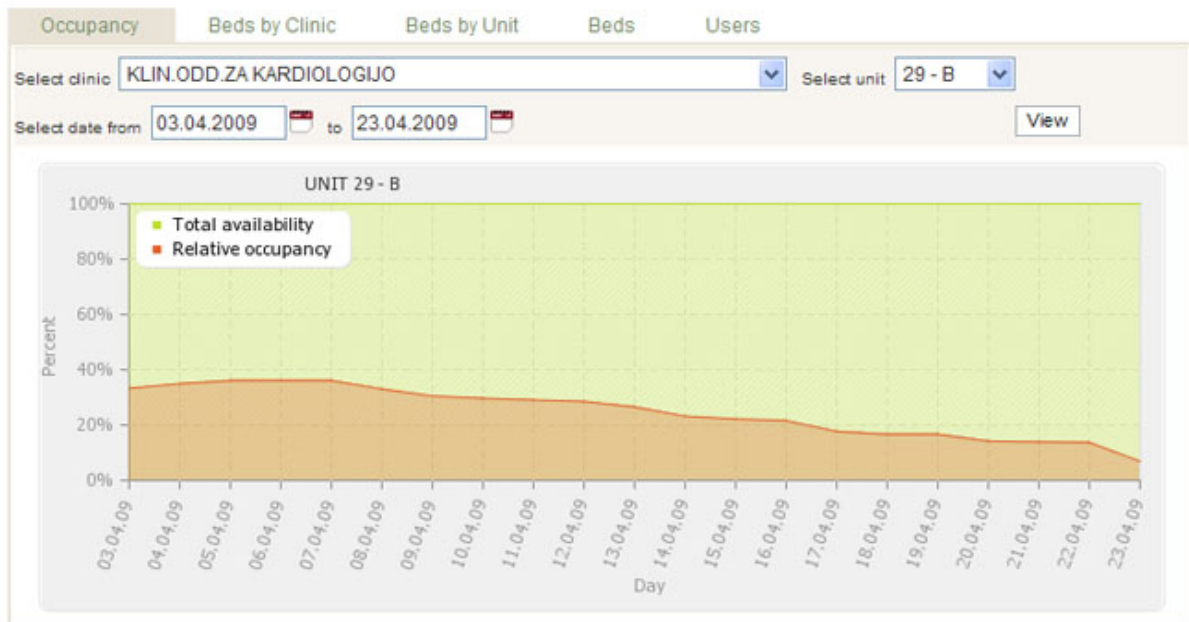
You can select different start date from default one by clicking on calendar icon next to 'From' date.

2.5.1.3.1.4 Select until date



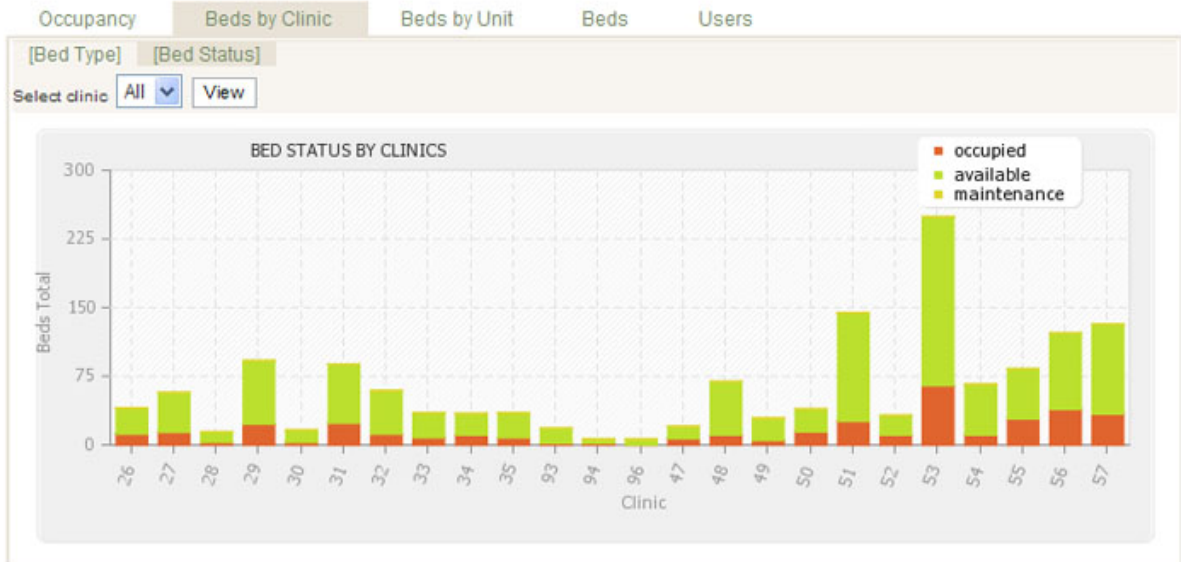
You can select different end date from default one by clicking on calendar icon next to 'to' date.

2.5.1.3.1.5 Occupancy at specific time interval



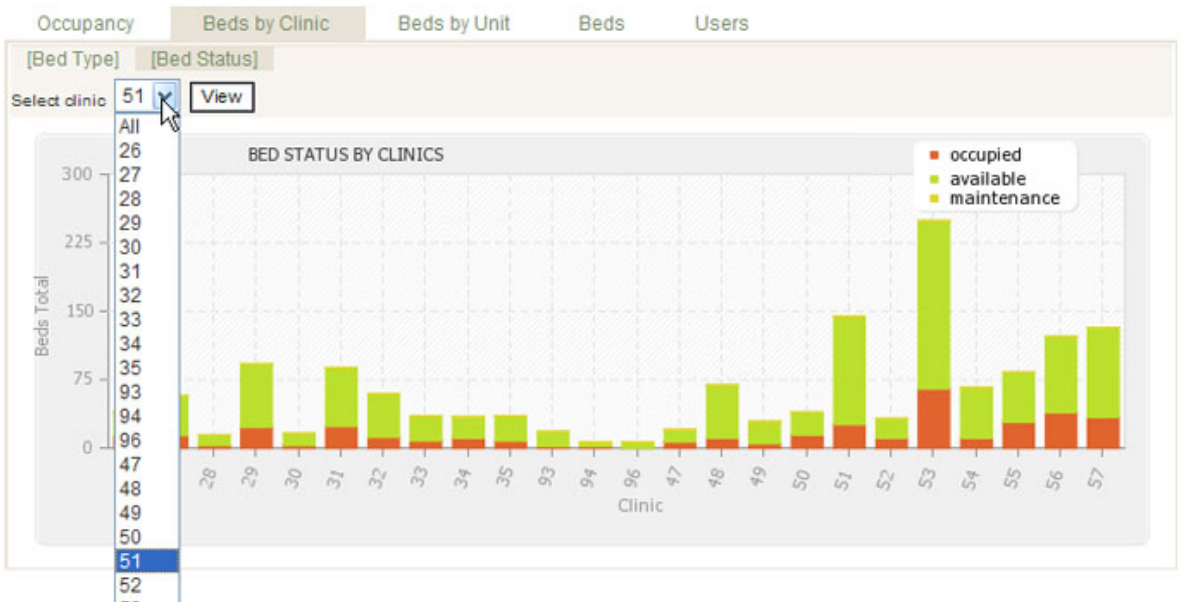
Date interval can not exceed 30 days, and must be specified in the past.

2.5.1.3.2 Bed status by clinic



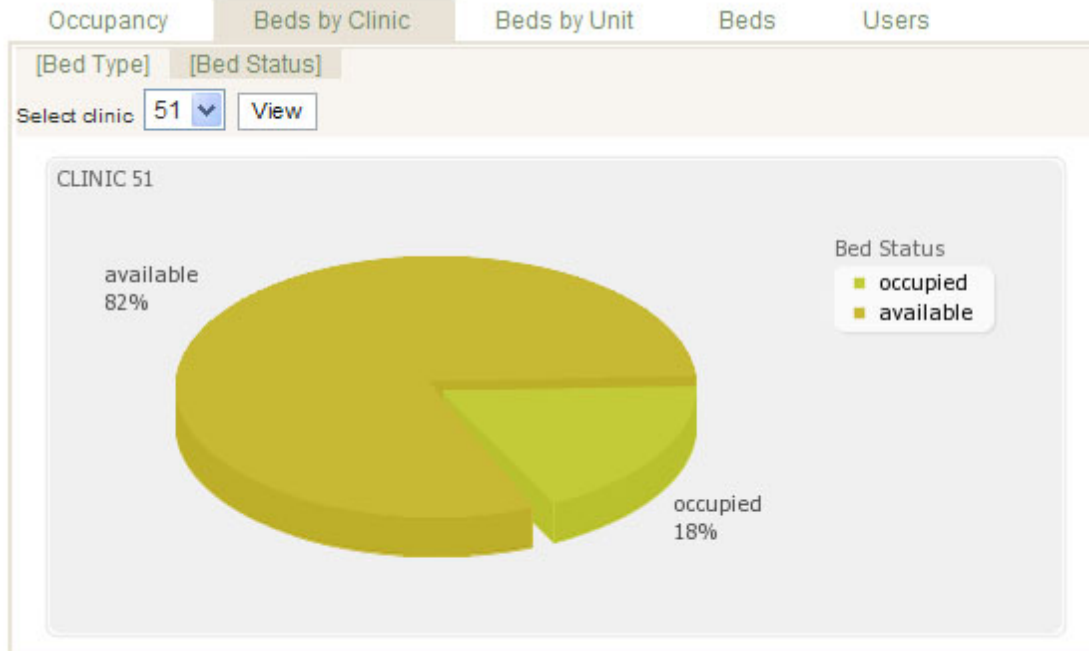
Bed Status by Clinic displays number of occupied and available beds for each clinic as a bar chart.

2.5.1.3.2.1 Select clinic



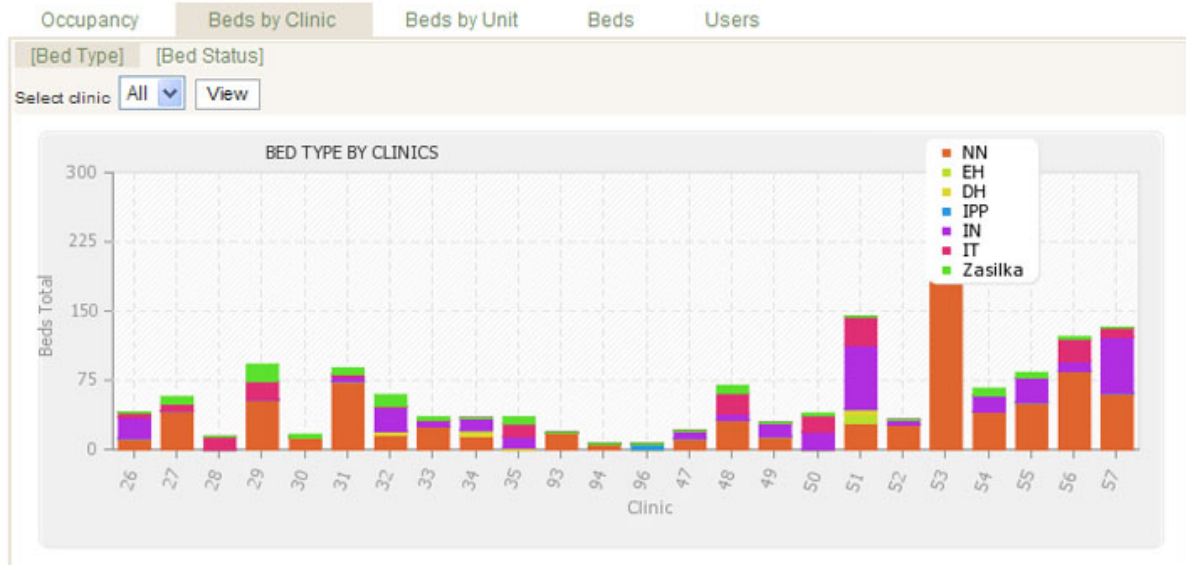
You can select specific clinic from 'Select clinic' drop-down list to get detailed bed status information for that clinic.

2.5.1.3.2 Bed status at specific clinic



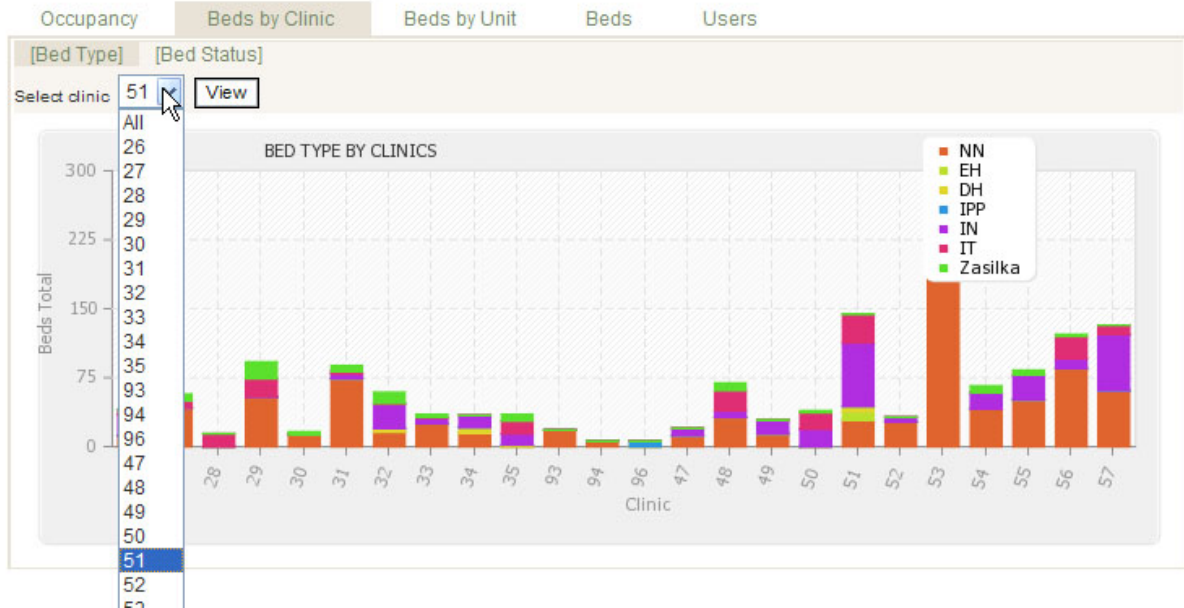
Data shows that 82% of beds are available, and 18% of beds are occupied in clinic 51.

2.5.1.3.3 Bed type by clinic



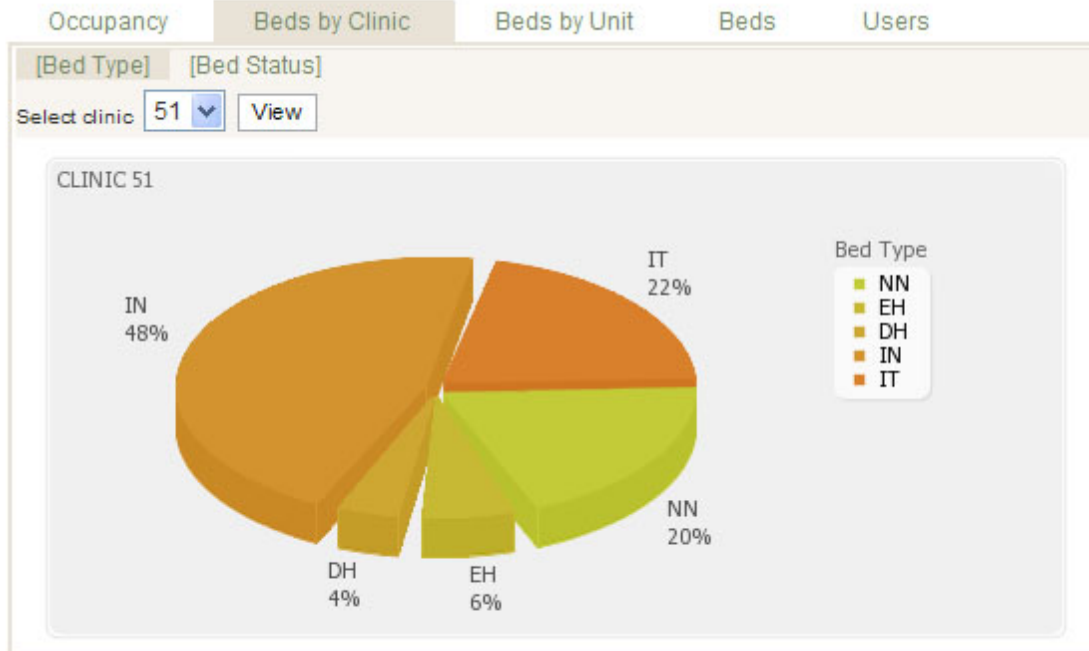
Bed Type by Clinic displays total number for each bed type in each clinic as a bar chart.

2.5.1.3.3.1 Select clinic



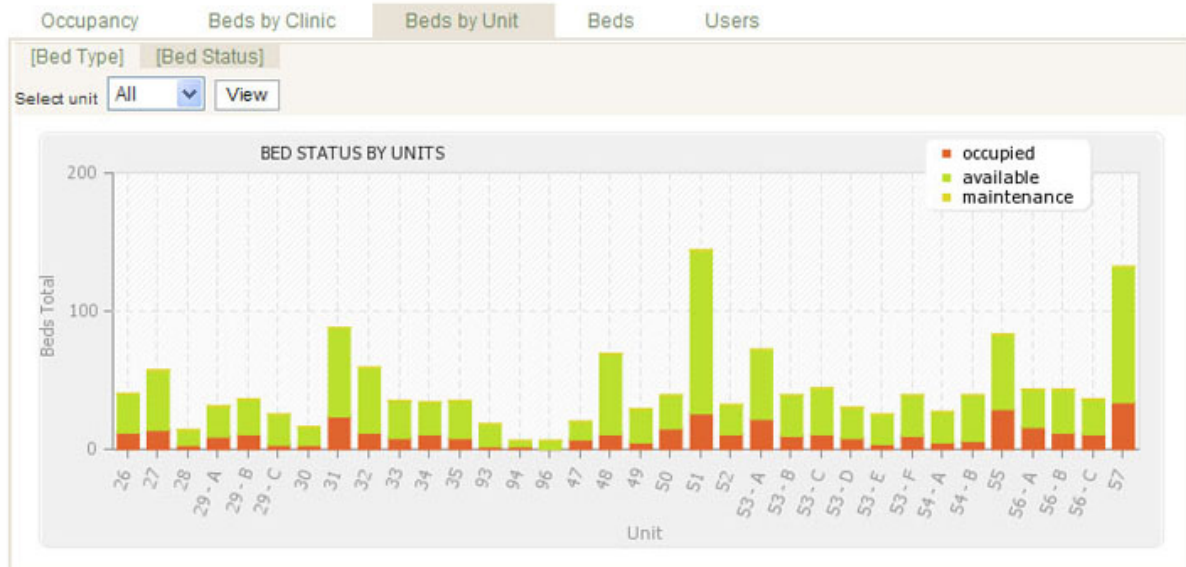
You can select specific clinic from 'Select clinic' drop-down list to get detailed bed type information for that clinic.

2.5.1.3.3.2 Bed type at specific clinic



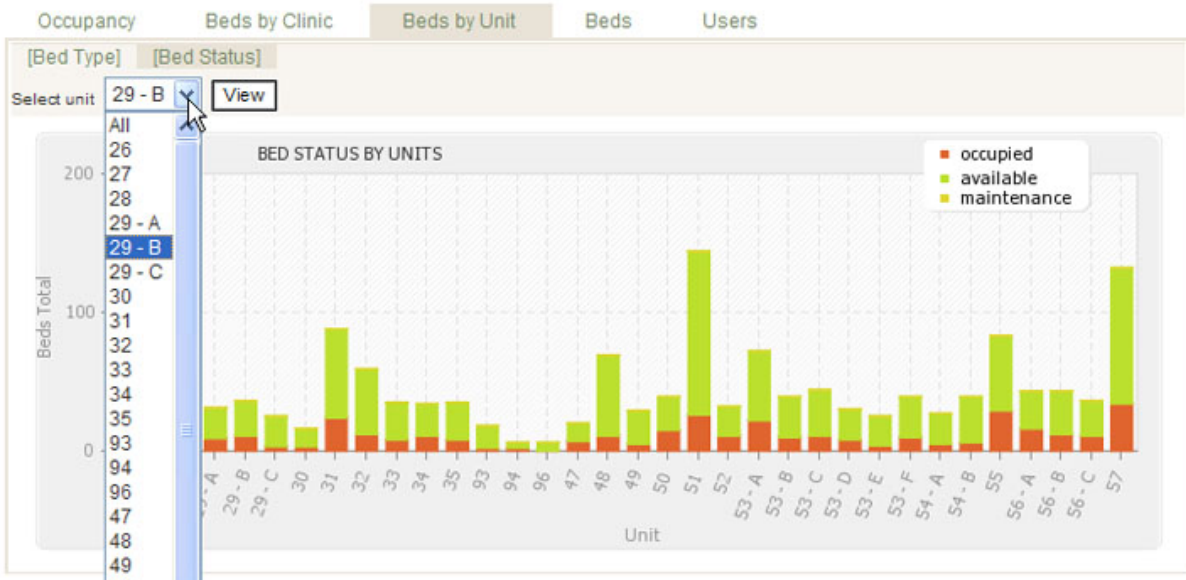
Data shows that 48% of beds are IN, 22% are IT, 20% are NN, 6% are EH, and 4% are DH bed type in clinic 51.

2.5.1.3.4 Bed status by unit



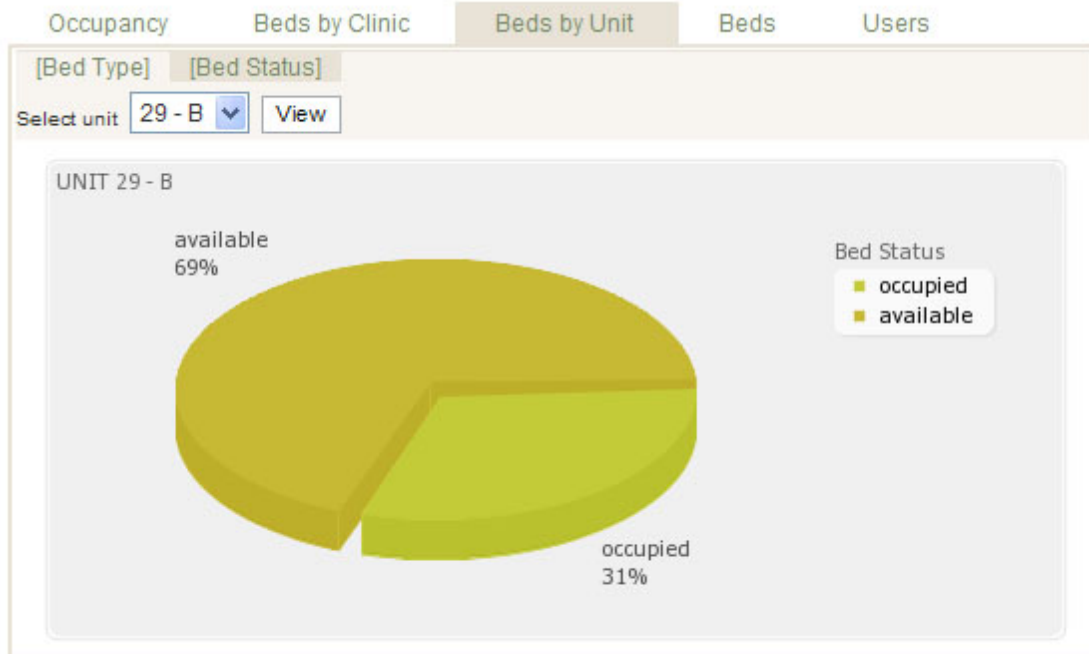
Bed Status by Units displays number of occupied and available beds for each unit as a bar chart.

2.5.1.3.4.1 Select unit



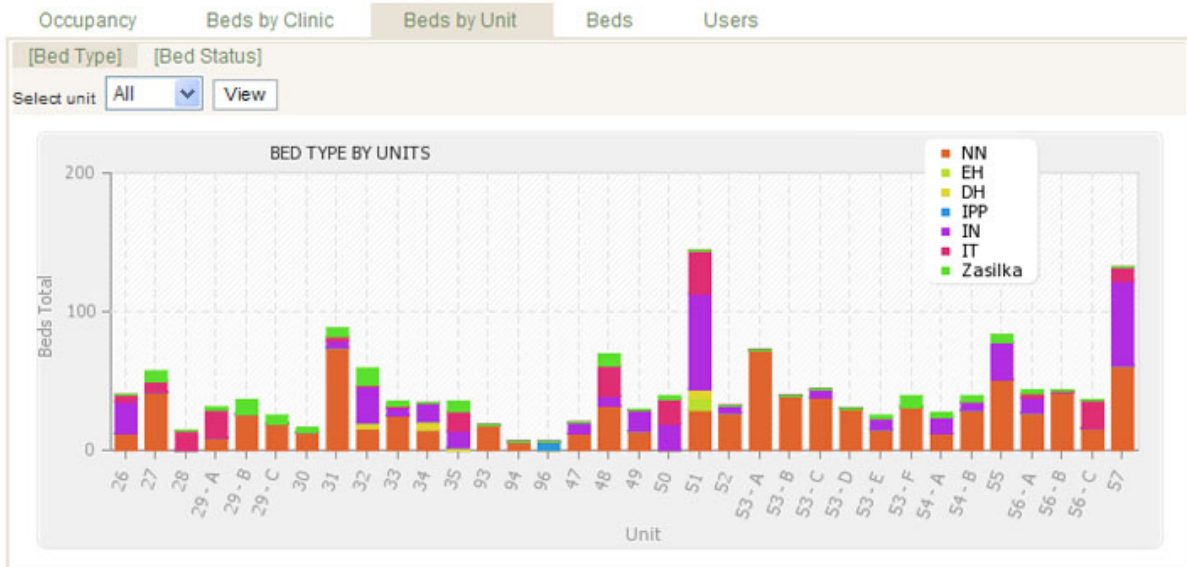
You can select specific unit from 'Select unit' drop-down list to get detailed bed status information for that unit.

2.5.1.3.4.2 Bed status at specific unit



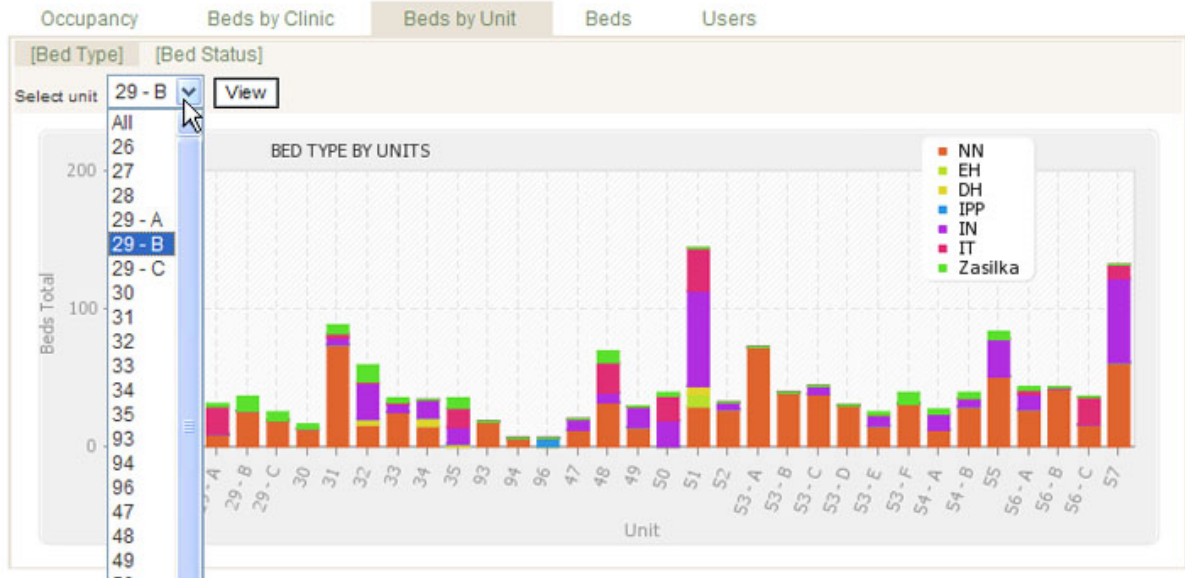
Data shows that 69% of beds are available, and 31% of beds are occupied in unit 29-B.

2.5.1.3.5 Bed type by unit



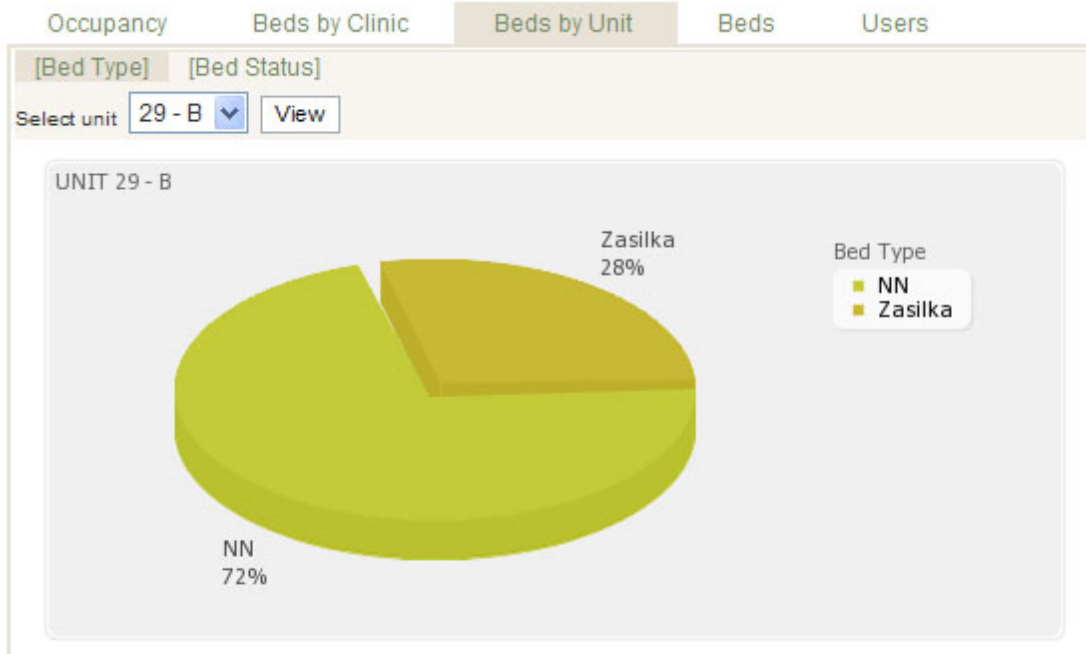
Bed Type by Units displays total number for each bed type in each unit as a bar chart.

2.5.1.3.5.1 Select unit



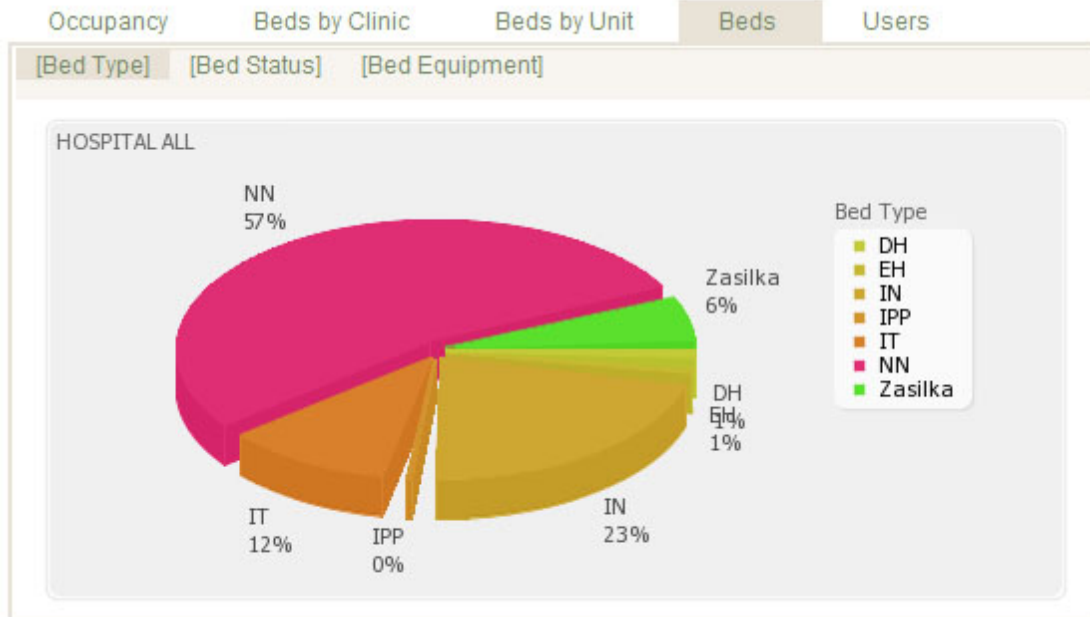
You can select specific clinic from 'Select unit' drop-down list to get detailed bed type information for that unit.

2.5.1.3.5.2 Bed type at specific unit



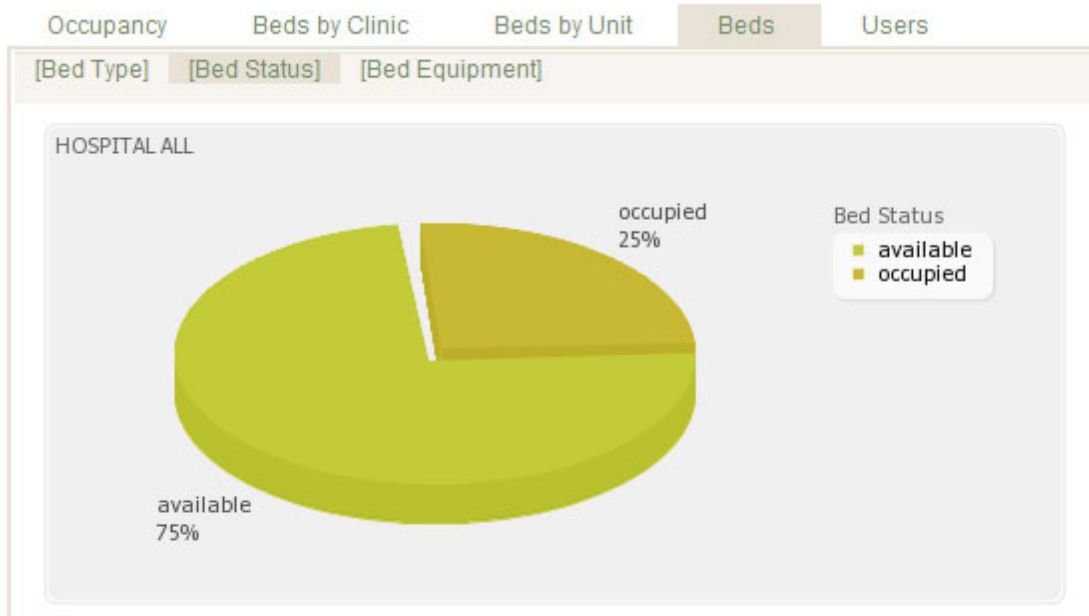
Data shows that 72% of beds are NN, 28% are Zasilka bed type in clinic 51.

2.5.1.3.6 Bed type at hospital



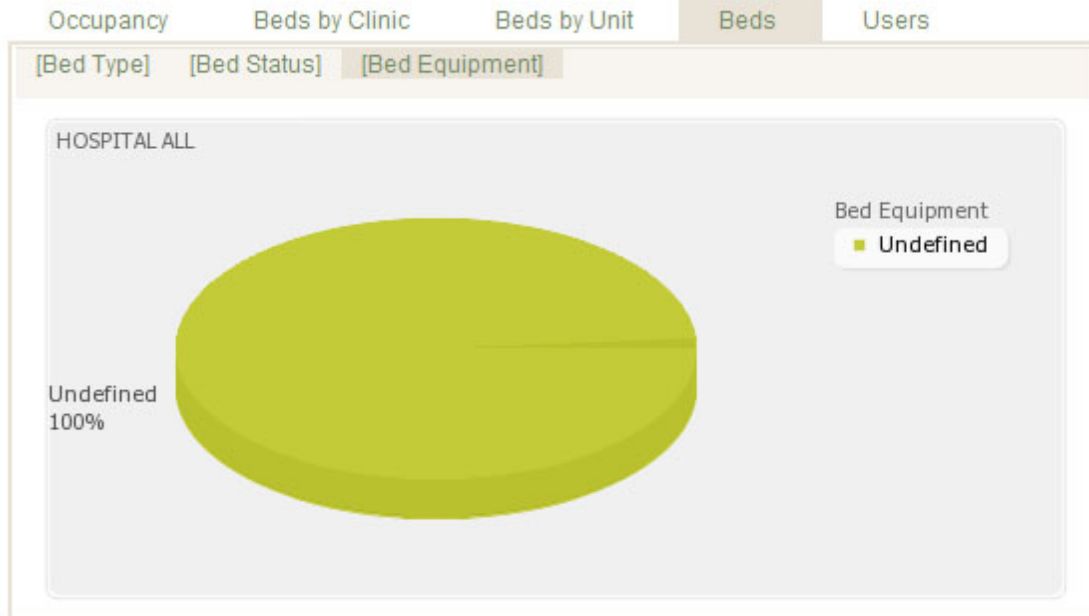
For each bed type there is a percentage of beds with that bed type at the level of entire hospital.

2.5.1.3.7 Bed status at hospital



For each bed status there is a percentage of beds with that bed status at the level of entire hospital.

2.5.1.3.8 Bed equipment at hospital



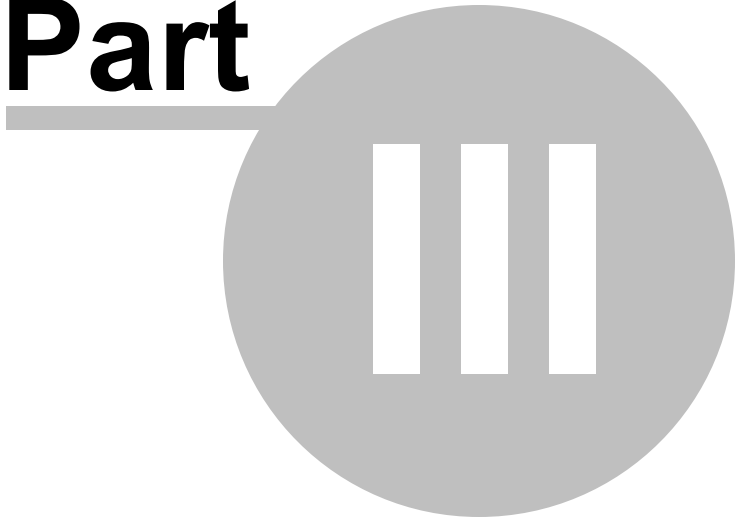
For each bed equipment there is a percentage of beds using that equipment at the level of entire hospital.

2.5.1.3.9 User type at hospital

Occupancy	Beds by Clinic	Beds by Unit	Beds	Users
		System Administrator:	1	
		Executive Manager:	1	
		Bed Manager:	1	
		Nurse:	1	

For each user type there is a total number of users at the level of entire hospital.

Part



3 Glossary of terms

Action history

See *Log list*.

Apache HTTP

Web server developed and maintained by an open community of developers under Apache Software Foundation notable for playing a key role in the initial growth of the World Wide Web.

Bar chart

A bar chart or bar graph is a chart with rectangular bars with lengths proportional to the values that they represent. Bar charts are used for comparing two or more values.

Bedmanager

Type of user used in the application. This user has access throughout the entire hospital, and can move patients between units.

Bed manager

See *bedmanager*.

Bed Manager Dashboard

Main dashboard panel that is displayed to bedmanager user after he logs in, which acts as a control panel.

Browser location bar

An address bar that indicates the current or desired URL, webpage address, or path to a local file or other item currently being shown by the browser or that the user wishes to be shown.

CentOS

CentOS is a community-supported, freely-available operating system based on Red Hat Enterprise Linux.

Clinic short name

Abbreviated version of clinic name which is used when creating unit name for units belonging to that clinic.

Curl

Library supported by PHP that allows connecting and communicating servers with different protocols.

Dashboard

Section used to display hospital data and statistics.

Dashboard panel

Main panel that is displayed to user after he logs in, which acts as a control panel.

Debian

Linux operating system composed of free and open source software. The primary form, Debian GNU/Linux, is a popular and influential Linux distribution.

Depository

Element of Unit GUI used as a temporary place for a patient while moving it between beds, rooms, or units.

Drop-down list

User interface element in a web form, similar to list box, which allows the user to choose one value from a list. When a drop-down list is inactive, it displays a single value. When activated, it displays (drops down) a list of values, from which the user may select one.

Executive

Type of user used in application. This user represent hospital top level management.

Executive Manager Dashboard

Main dashboard panel that is displayed to executive user after he logs in, which acts as a control panel.

Facility

Hospital building within which one or more clinics and units can be located.

Fedora Core

Linux RMP-based, general purpose operating system build on top of the Linux kernel developed by the community-supported Fedora Project and sponsored by Red Hat.

Filter

Element of Unit GUI used to limit the rooms by the room number, room properties, and/or bed properties.

FreeBSD

Unix-like operating system descended from AT&T UNIX via the Berkeley Software Distribution (BSD).

Freetype

Library supported by PHP that allows fonts manipulation.

GD

Library supported by PHP that allows dynamic image generation.

Gettext

Library supported by PHP for multi language support.

Internet Explored

Abbreviated IE, is a series of graphical web browsers developed by Microsoft and included as part of the Microsoft Windows line of operating systems.

Library extension

Piece of software, or a set of instructions (i.e code) that can be added to PHP or other tools in order to obtain additional functionalities.

Login session

This is the entire period from the moment user successfully logs into the application, until he logs out of the system.

Logs list

All actions within a unit related to patients are logged, and can be viewed from this list. Logs list represent patient history.

Mozilla Firefox

Web browser descended from the Mozilla Application Suite and managed by Mozilla Corporation. Firefox had 22.48% of the recorded usage share of web browses as of April 2009, making it the second most popular browser in terms of current use worldwide after Internet Explorer.

MySQL

Relational database management system which has more than 22 million installations. The program runs as a server providing multi-user access to a number of databases. The project's source code is available under terms of GNU General Public License, as well as under a variety of preparatory agreements.

MySQL root user

Default user account which has super privileges over the entire database server. One must have an access to this account in order to perform server administration.

Nurse

Type of user used in application. This user represent actual nurse employee in one hospital unit.

Occupancy

Ratio between number of beds whose status is occupied and total number of beds.

OpenSolaris

Unix-like, open source operating system based on Sun Microsystem's Solaris. It is also the name of the project initiated by Sun to build a developer and user community around it.

Opera

Web browser and internet suite developed by the Opera Software company. Opera runs on a variety of personal computer operating systems including Microsoft Windows, Mac OS X, Linux, FreeBSD, and Solaris. Though evaluations of Opera have been largely positive, Opera has captured only a fraction of the worldwide personal computer browser market.

OS dialog box

Dialog box returned by the operating system containing information on certain peripheral system devices.

PHP

Scripting language originally designed for producing dynamic web pages. It has evolved to include a command line interface capability and can be used in standalone graphical applications.

phpinfo.php

Script that outputs large amount of information about the current state of PHP. This includes information about PHP compilation options and extensions, the PHP version, server information and environment (if compiled as a module), the PHP environment, OS version information, paths, master and local values of configuration options, HTTP headers, and the PHP License. Because every system is setup differently, phpinfo() is commonly used to check configuration settings.

phpMyAdmin

Free software tool written in PHP intended to handle the administration of MySQL over the World Wide Web. phpMyAdmin supports a wide range of operations with MySQL. The most frequently used operations are supported by the user interface (managing databases, tables, fields, relations, indexes, users, permissions, etc), while you still have the ability to directly execute any SQL statement.

PHP extension

This extension is a library that is designed to add functionality to PHP. For example, the widely used GD library (used for the creation of dynamic images) is an extension. This library added new functionality by allowing PHP to generate images on the fly. Another example is the MySQL extension, which allows us to connect to and work with MySQL databases.

Period of inactivity

Time period during the user login session for which there was no interaction with the application by the user.

Pie chart

Circular chart divided into sectors, illustrating relative magnitudes of frequencies. In a pie chart, the arch length of each sector (and consequently its central angle and area) is proportional to the quantity it represents. Together, the sectors create a full disk. It is named for its re semblance to a pie which has been sliced.

Printer-friendly

Term used on the internet to describe a version of a web page formatted tor printing. Normally, web pages include information and navigation content that is only useful while browsing the website. Printer friendly pages are usually accessed through a link on the standard page. Often the link will be indicated by a printer icon.

Red Hat Enterprise Linux

Linux distribution produced by Red Hat and targeted toward the commercial market, including mainframes. Red Hat commits to supporting each version of Red Hat Enterprise Linux for 7 years after its release.

Root user

Super user on unix-like operating systems which has all administrative privileges.

Server

A server is any combination of hardware and software designed to provide services to clients. When used alone, the term typically refers to a computer which may be running a server operating system, but is commonly used to refer to any software or dedicated hardware capable of providing services.

Settings

The application configuration options which affect system functions and performance.

Settings page

Page used in Wise Bed Manager application where application setting parameters can be configured.

Setting parameters

Set of application configuration options, each one affecting one system functionality.

SSN

Personal identification number which is issued uniquely to each citizen.

System Administrator

Type of user used in application. This user performs various administrative functions related to overall system administration.

Toolbar

Section on the top of the page with general information and links to other pages.

Ubuntu

Debian-derived unix-like operating system based on GNU Linux. Ubuntu's goals include providing an up-to-date, stable operating system for average user, with a strong focus on usability and ease-of-installation.

Unicode

Computing industry standard allowing computers to consistently represent and manipulate text expressed in most of the world's writing systems. Developed in tandem with the Universal Character Set standard and published in book form as The Unicode Standard, it consists of a repertoire of more than 100,000 characters for correct display of most language scripts today, including right-to-left scripts, such as Arabic and Hebrew.

Unix

Computer operating system originally developed in 1969 by a group of AT&T employees at Bell Labs. Unix operating systems are widely used in both servers and workstations. The Unix environment and the client-server program model were essential elements in the development of the Internet and the reshaping of computing as centered in networks rather than in individual computers.

Unix-like operating system

A Unix-like (sometimes shortened to *nix to circumvent trademark issues) operating system is one that behaves in a manner similar to Unix system, while not necessarily conforming to or being certified to any version of the Single UNIX Specifications. The term can include free software / open source operating systems inspired by Bell Labs Unix or designed to emulate its features, commercial and proprietary work-alikes, and even versions based on the licensed UNIX source code (which may be deemed so "Unix-like" that they are certified to bear the "UNIX" trademark).

Unit GUI

Unit GUI is a graphical representation of one hospital unit which allows nurse or bedmanager user graphical interaction with the application.

URL

Also referred to as web address, which specified where an identified resource is available and the mechanism for retrieving it from the internet.

UTF-8

8-bit, variable length character encoding for Unicode. It is able to represent any character in the Unicode standard.

WampServer

WAMP is an acronym formed from the initials of the operating system (Windows) and the package's principal components: Apache, MySQL, and PHP (or Perl or Python). It essentially serves as software environment designed to run PHP/MySQL applications on Windows operating system.

Web browser

Software application which enables a user to display and interact with text, images, videos, music, games and other information typically located on a web page at website on the world wide web, or a local area network.

Windows

Series of software operating systems and graphical user interfaces produced by Microsoft. Microsoft first introduced an operating environment named Windows in 1985 as an add-on to MS DOS in response to the growing interest in graphical user interfaces which stated to have had approximately 90% of the client operating system market in 2004.

Windows Server 2003

Windows operating system introduced in April 2003 as the successor to Windows 2000 Server, it is considered by Microsoft to be the cornerstone of its Windows Server System

Windows Server 2008

Windows operating system released in February 2008 as the successor to Windows Server 2003.

Windows Vista

Line of windows operating systems for use on a personal computer.

Windows XP

Line of windows operating system for use on a personal computer.

Wise Bed Manager

This application's trademark.

Zipped distribution file

Compressed directory with project source files inside used for easy distribution purposes.

Zlib

Library supported by PHP that allows transparently reading and writing gzip (.gz) compressed files through the filesystem functions

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