



Kalafong Provincial Tertiary Hospital

Gynaecological Patient Information management System:

User Manual

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Abstract

This document is the Software User Manual (SUM) for the Patient Information Management System project and was made according to the software engineering standard described in the tender proposal provided by Professor Snyman. The Software User Manual (SUM) instructs how to install and use the Patient Information Management System software. This project is part of the Software Engineering Project course (COS301) at the University of Pretoria.

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1 Introduction

1.1 Change Log

Document Title: Software User Manual

Version: 0.1.0

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Version Date Author(s) Summary

0.0.1 29-05-2015 Pentec Document creation

1.2 Intended readership

This document covers the use for the following users of the PIMS system:

the system administrator

the project administrators

the medical staff

the usability test subjects

1.3 Applicability

This Software User Manual (SUM) applies to the PIMS software, version 0.1.

1.4 Purpose

The purpose of the SUM is to assist the user in installing and using the PIMS software.

1.5 How to use this document

How it is to be used:

- Title page - System name and the names and/or affiliation of all stakeholders.
- Introduction - Introduction to the System
- Overview - Purpose of the system
- Configuration - Configuration used by the system
- Installation - Detailed description of where to find the software and how to install it.
- Getting Starting - Walk through of the system
- Using the System - Description of the systems functions
- Troubleshooting - Procedures to take in case of errors

1.5.1 Problem Reporting

Since the Pentec team will be dissolved after completion of the PIMS project, the issue of problem reporting is left to the Administrator, Professor Snyman.

2 Overview

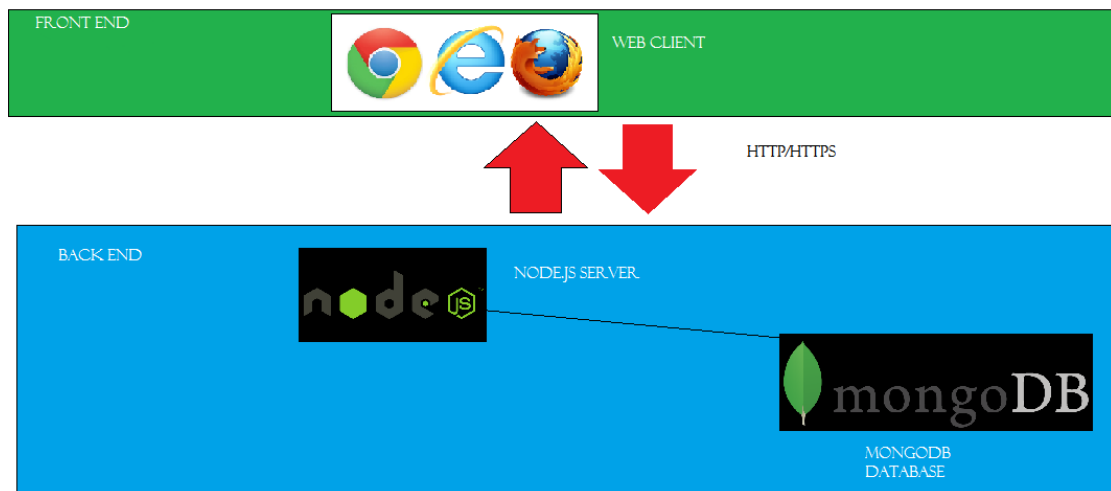
The purpose of this software is to be used by doctors and medical staff. It allows the administrative users to electronically fill in medical forms and be able to query for statistics for those forms and eventually receive a prediction that could assist in the functionality of the Kalafong Hospital. Regular users are allowed to fill in medical forms.

3 Configuration

3.1 System Configuration

3.1.1 Basic System Structure

The current system that is in place makes use of a Node.js server that interacts with any web client. The server is hosted through a PaaS named Heroku. The system delivers compiled jade files to the users that are stylized using CSS. The jade files are controlled and animated by Javascript and jQuery. The node.js server accesses MongoDB database hosted on the DaaS, mongolab. This is illustrated below:



3.1.2 Node.js Architecture

Node.js is an asynchronous language.

3.1.3 Communication Protocols Used

This is the current list of all communication protocols used by PIMS:

- HTTP/HTTPS
- SMTP

4 Installation

4.1 Running the Software

4.1.1 Risks

You cannot log into the website without javascript enabled. Recapture doesn't work without javascript enabled. Please follow the instructions below if the recapture box does not appear.

1. Website page

- (a) Establish an internet connection
- (b) Search for website in web browser
- (c) Steps to enable javascript in your chosen browser
 - Google Chrome browser
 - i. Click the menu bar at the top right hand corner of your web browser

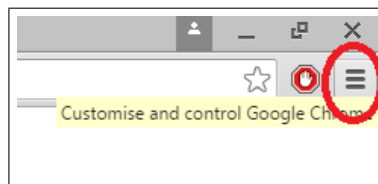


Figure 1: Menu

ii. Select the settings option

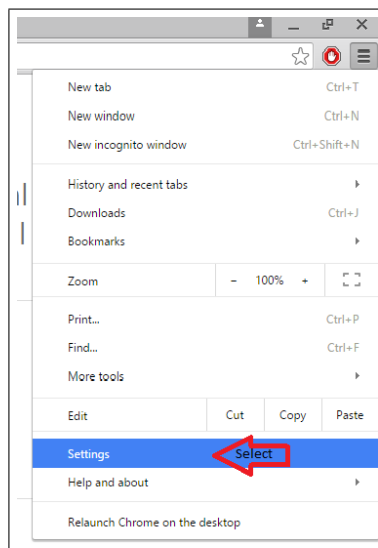


Figure 2: Settings

iii. Scroll down to the bottom of the page and click on 'Show advanced settings'

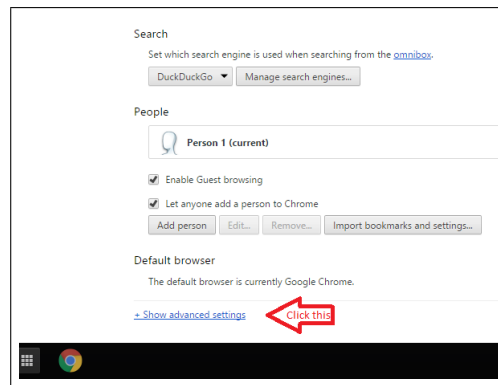


Figure 3: Advanced Settings

iv. Scroll down to the Privacy Menu and click on the button 'Content settings..'

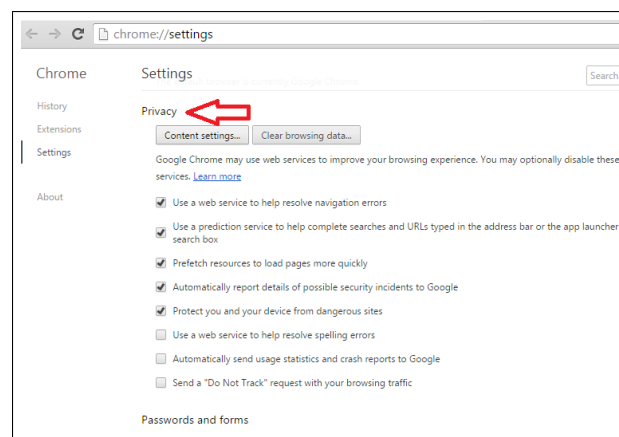


Figure 4: Content Setting

v. Scroll down to the Javascript Menu and select 'Allow all sites to run Javascript(Recommended)'

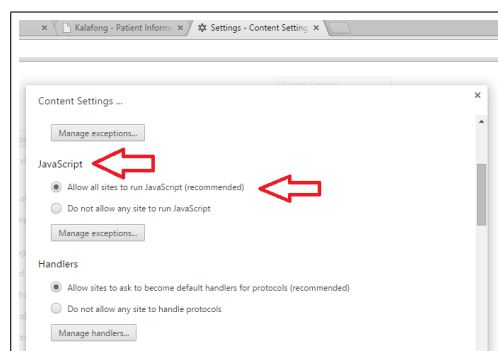


Figure 5: Enable

- vi. Click finished
- Internet Explorer browser
 - i. Select the Gear in the upper-right corner of the screen or the 'Tools' menu if you have the menu bar enabled, then select 'Internet Options'.

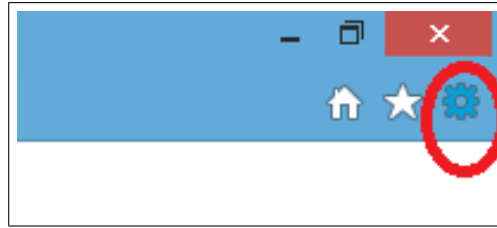


Figure 6: Settings

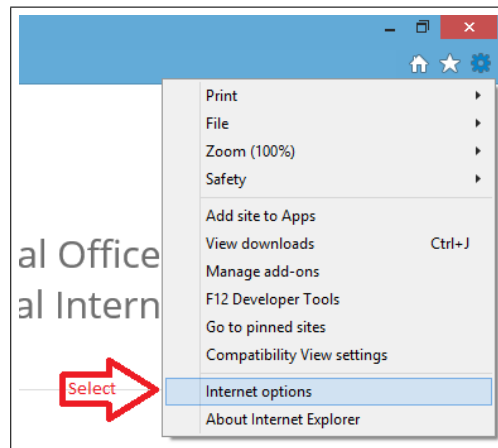


Figure 7: Internet options

ii. Select 'Security' & 'Internet' & 'Custom level'

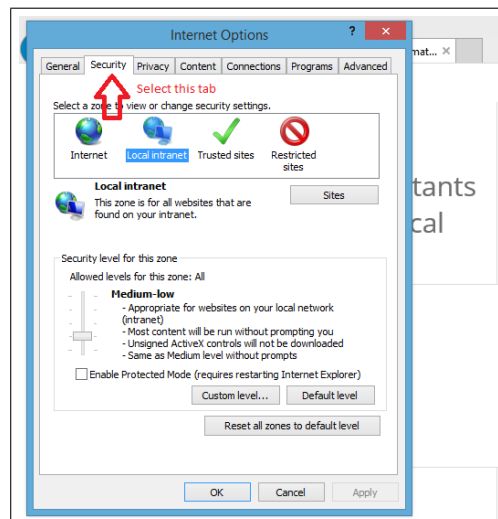


Figure 8: Enable

iii. Scroll down to 'Scripting' and select the radio button to 'Enable' or 'Disable' it.

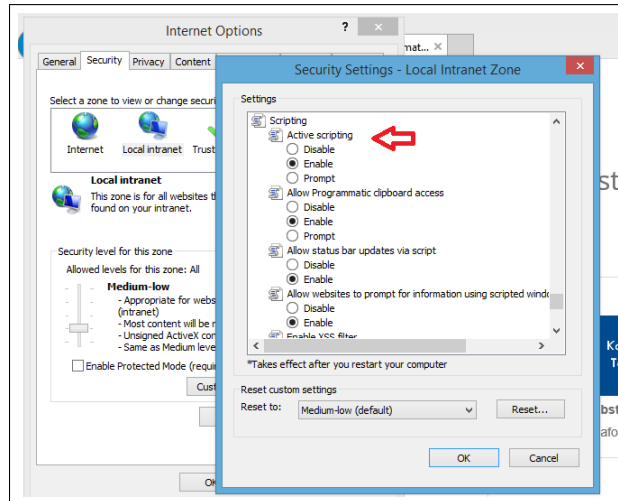


Figure 9: Enable

- iv. You may also opt for IE11 to 'Prompt' you to allow scripts to run.
- v. Select 'OK', then 'OK' again.
- Firefox browser
 - i. In Firefox's address bar, type about:config and press Enter.
 - ii. Click I'll be careful, I promise! button.

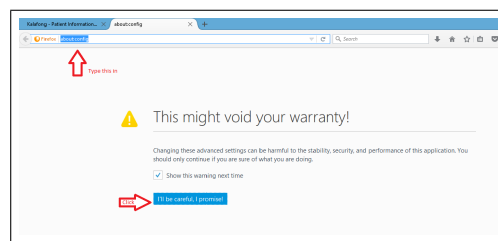


Figure 10: Enable

- iii. In the search bar, search for javascript.enabled.

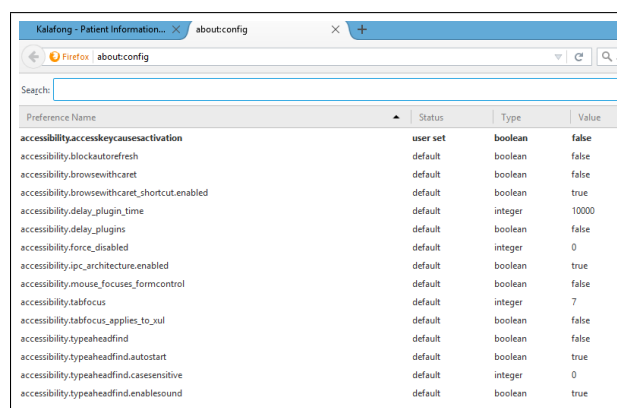


Figure 11: Enable

- iv. Double click on the row of preference named javascript.enabled to change the value to False. ...

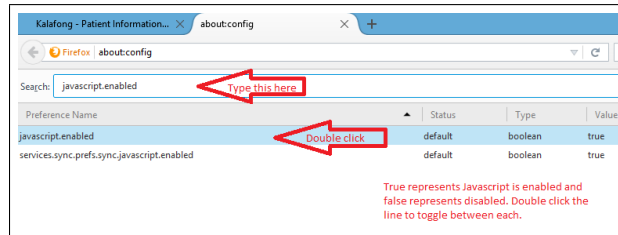


Figure 12: Enable

v. JavaScript is now disabled.

(d) Log into PIMS system with given authentication codes

4.1.2 How to register

Users cannot register for the website they have to be given permission and login details to access the site by Admin(Dr Snyman).

4.2 Shutting down the website

Contact your service provider(hosting site) to pull down the software

5 Getting Started

5.1 Systems Procedure Order

This section describes a brief overview of how a user can access the system; it shows perspectives from an administrative user as well as normal users. The sections that are discussed can be found in more detail in the next section.

5.2 Splash Page

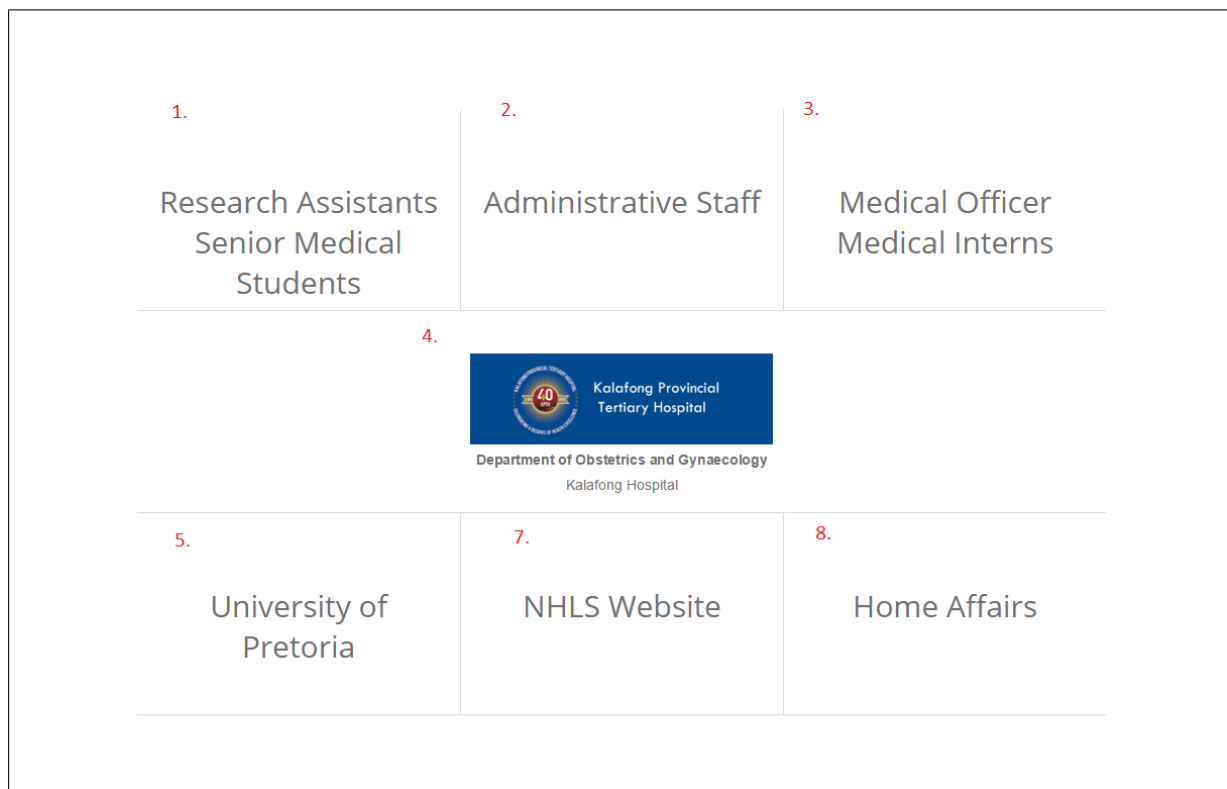


Figure 13: The splash page.

5.2.1 Description

This section links users to different pages that they can access. A more detailed description of each component can be found below.

5.2.2 Detailed Component Description

1. **Research Assistants & Senior Medical Students Link:** This is a link that will direct the user to a customized login page for research assistants and senior medical students.
2. **Administrative Staff Link:** This is a link that will direct the user to a customized login page for administrative staff.
3. **Medical Officer & Medical Interns Link:** This is a link that will direct the user to a customized login page for medical officers and medical interns.
4. **Kalafong Hospital Link:** This link directly links users to the official University of Pretoria Kalafong hospital page.
5. **University of Pretoria Link:** This link directly links users to the official university of Pretoria page.

6. **National Health Laboratory Service Link:** This is a link that will direct users to NHLS website.
7. **Home Affairs Link:** This is a link that will direct users to the home affairs website in order to allow users to check their life status.

5.2.3 Accessing user login

1. Select the link that is relative to user's login. E.g. Research Assistants should click the Research Assistants & Senior Medical Students link.
2. More information on the login page in the login tutorial section. . .

5.3 Login

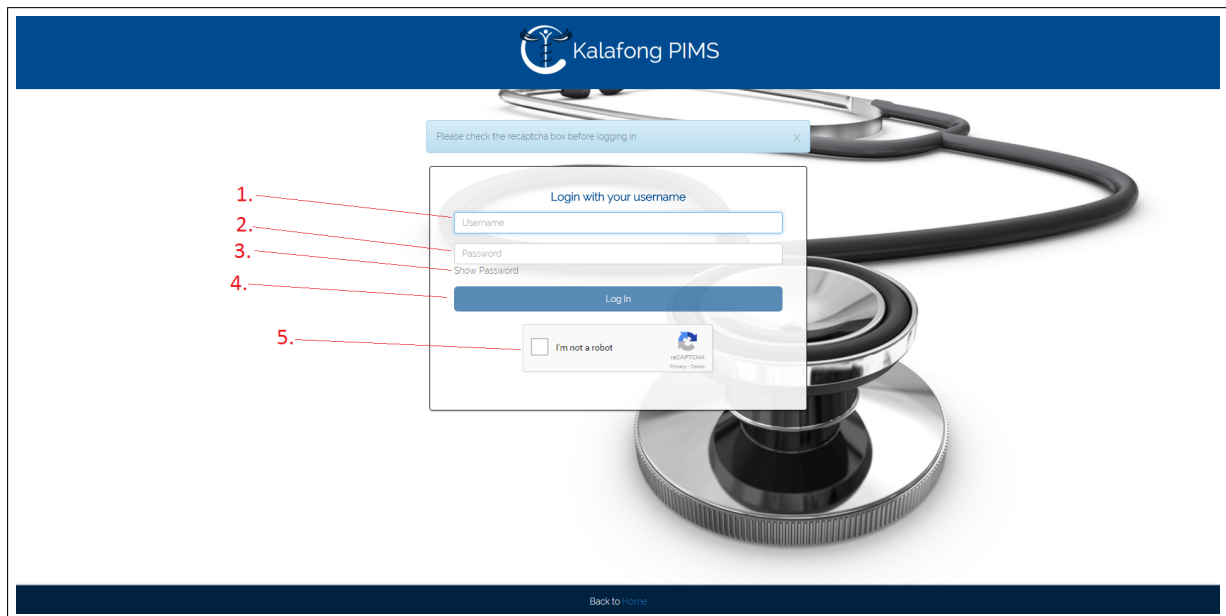


Figure 14: The login page.

5.3.1 Description

This is the login page that all users must access before being able to access the main web page. Users must fill in their credentials and pass a security check to be able to access this page. More detailed information can be found below.

5.3.2 Detailed Component Description

1. **Username Input Box:** This is the input box in which users will enter in their username.
2. **Password Input Box:** This is the input box in which users will enter in their password.
3. **Show Password Button:** This button allows users to check their password text. Clicking this button will toggle between whether the password is shown or not.
4. **Login Button:** This is the button the users will click once they have filled in their information and passed the security check. This will link them to their relative my space page.
5. **Recaptcha:** This is the security check that is put in place. More information on how to use it is placed within the *"How to Login"* section.

5.3.3 How to login

1. Fill in username input box and confirm it is correct. NOTE: If the user login page does not look like the above do not panic. There are different themes for each user type. The other themes can be found at the bottom of the login section in figure 17.
2. Fill in password input box and confirm it is correct. The user can confirm the password is correct using the show password button.
3. Complete the security check for the recaptcha by clicking on the recaptcha checkbox.
4. If multiple logins have been made in succession, a user may be prompted to select certain images related to a theme. For example, below (Figure 15) the recaptcha is asking the user to select all images with street signs.

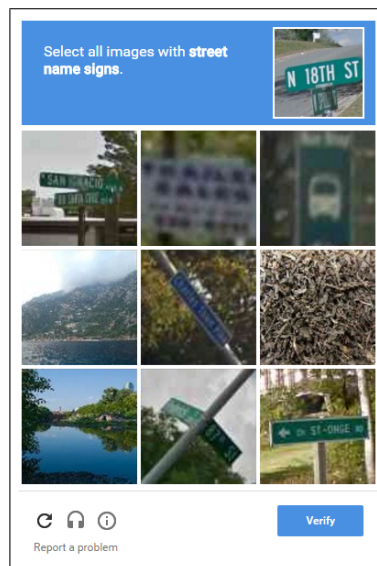


Figure 15: Recaptcha prompt.

5. If the recaptcha security check is successful the checkbox will look like figure 16.

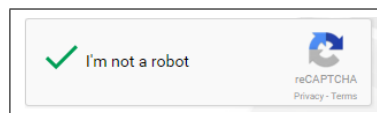


Figure 16: Passed recaptcha security check.

6. The user will now be able to click the login button to redirect them to their MyPimsSpace page.



Figure 17: Other themed login pages.

5.4 Admin Navbar

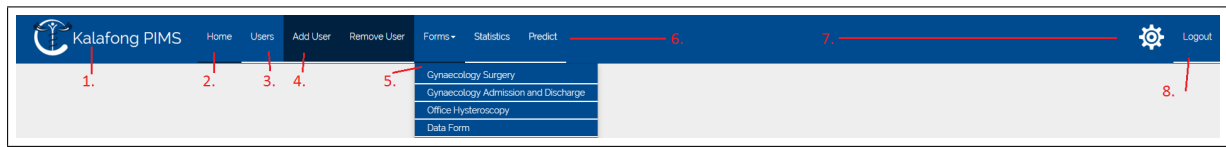


Figure 18: The Admin Navbar.

5.4.1 Description

This is the navbar that administrative users will use to help them navigate through pages with ease. A more detailed description can be found below.

5.4.2 Detailed Component Description

1. **Logo:** This is the logo for the Kalafong PIMS and if clicked will link the user back to their MyPimsSpace page.
2. **Active tab:** This is the active tab and will identify to user the current page that are on using a dark blue line at the bottom of its tab. If clicked it will reload the current page. (NOTE: If tab has sub-tabs it will behave as a Submenu tab).
3. **Submenu tab:** This is a submenu tab and when clicked will reveal sub tabs that relate to the submenu tab.
4. **Subtab:** Behave like regular tabs but do not underline when active, instead the Submenutab will be underlined.
5. **Dropdown tab:** This is a dropdown tab and when click will display a dropdown menu much like the one in figure 18.
6. **Regular tab:** These tabs will link a user to the specified section. E.g. Predict will link the user to the prediction page.
7. **Settings tab:** This tab works similar to a submenu tab and can show all the optional settings for the specific user.
8. **Logout tab:** This tab is a regular tab but when clicked the user will be logged out and redirected to the splash page.

5.4.3 How to navigate a Subtab

1. Click on the Submenu tab which will reveal the Subtabs with an animation
2. Click on the subtab which is relevant to the page the user would like to access. Then the user will then be redirected to that page.

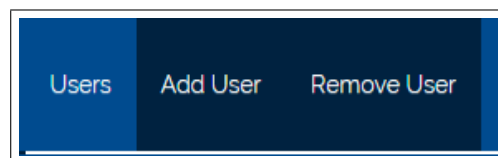


Figure 19: Submenu tab with subtabs visible

5.4.4 How to navigate a dropdown menu

1. Click on the Submenu tab which will reveal the dropdown menu.

2. Click on the dropdown tab which is relevant to the page the user would like to access. Then the user will then be redirected to that page.

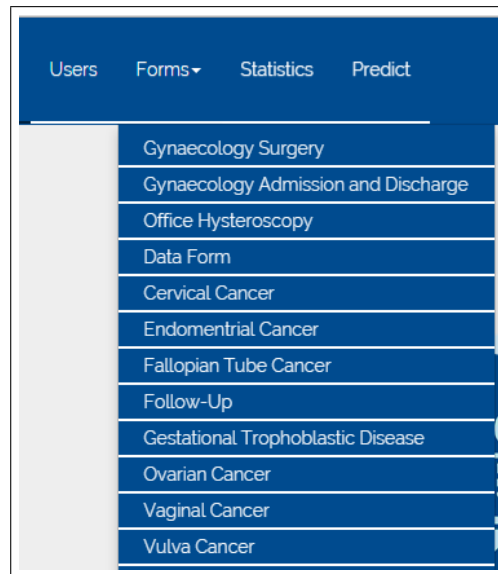


Figure 20: Dropdown menu

5.4.5 How to navigate a regular tab

1. Click on the regular tab which is relevant to the page the user would like to access. Then the user will then be redirected to that page.

5.4.6 How to navigate the settings tab

1. Click on the Settings tab which will reveal the Subtabs with an animation
2. Click on the subtab which is relevant to the page the user would like to access. Then the user will then be redirected to that page.

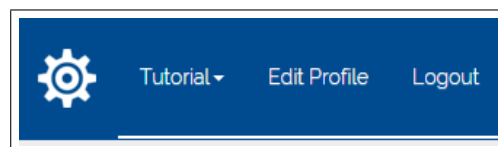


Figure 21: Active settings menu

5.4.7 How to Logout

1. Click the logout tab and the user will be logged out.

5.5 Regular User Navbar



Figure 22: The User Navbar.

5.5.1 Description

This is the navbar that users will use to help them navigate through pages with ease. A more detailed description can be found below.

5.5.2 Detailed Component Description

1. **Logo:** This is the logo for the Kalafong PIMS and if clicked will link the user back to their MyPimsSpace page.
2. **Active tab:** This is the active tab and will identify to user the current page that are on using a dark blue line at the bottom of its tab. If clicked it will reload the current page. (NOTE: If tab has sub-tabs it will behave as a Submenu tab).
3. **Dropdown tab:** This is a dropdown tab and when click will display a dropdown menu much the like the one in figure 18.
4. **Settings tab:** This is a settings tab and when clicked will reveal sub tabs that relate to the sub menu tab.
5. **Logout tab:** This tab is a regular tab but when clicked the user will be logged out and redirected to the splash page.

5.5.3 How to navigate a dropdown menu

1. Click on the Submenu tab which will reveal the dropdown menu.
2. Click on the dropdown tab which is relevant to the page the user would like to access. Then the user will then be redirected to that page.

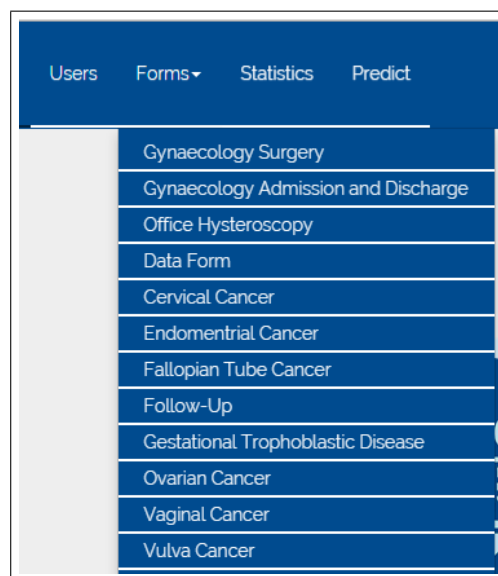


Figure 23: Dropdown menu

5.5.4 How to navigate a regular tab

1. Click on the regular tab which is relevant to the page the user would like to access. Then the user will then be redirected to that page.

5.5.5 How to navigate the settings tab

1. Click on the Settings tab which will reveal the Subtabs with an animation
2. Click on the subtab which is relevant to the page the user would like to access. Then the user will then be redirected to that page.

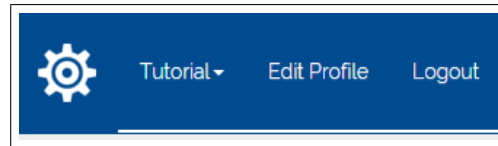


Figure 24: Settings menu. NOTE: This is the admin's settings menu and edit profile is not included in the regular users setting's subtabs.

5.5.6 How to Logout

1. Click the logout tab and the user will be logged out.

5.6 Home Icons

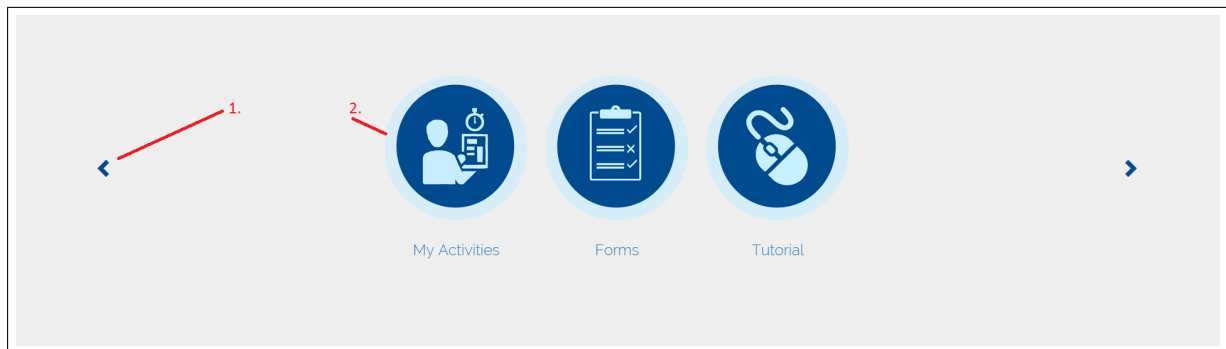


Figure 25: Admin & User Home Icons

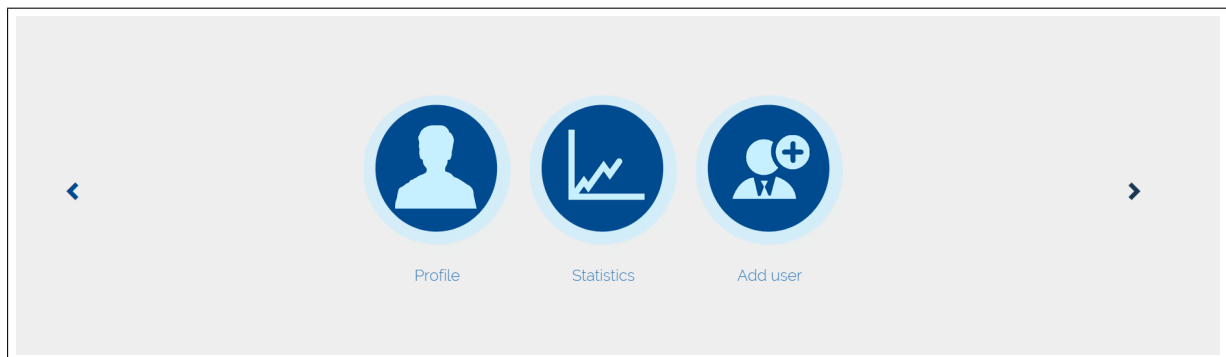


Figure 26: More Admin Home Icons

5.6.1 Description

The home icons are put in place to ease up usability for users as well as provide an aesthetically pleasing way of navigating the web application. The animation in place is more aesthetic for a regular user as they have limited icons and thus can only navigate through the same set of icons.

5.6.2 Detailed Component Description

1. **Navigation Arrow:** This arrow is used to navigate through the home icons.
2. **Home icon:** This is used as a point of navigation, home icons can either be links or have a submenu links.

5.6.3 How to navigate home icons

1. By clicking the on the navigations arrows

OR

1. By clicking the left and right keyboard arrows

5.6.4 How to access icons with submenus

1. Click on a home icon with a submenu(Tutorial, Statistics(Admin Only), Forms, Activity)
2. Click on the link that navigates to the desired page.

6 Using the System

6.1 Fill Forms

The screenshot shows a 'Gynaecology Surgery Form' with various input fields and checkboxes. Red arrows and numbers highlight specific features: 1. Points to the 'Procedure Date' field with a date format hint 'yyyy/mm/dd'. 2. Points to the 'ONC' checkbox under the 'G1', 'G2', 'G3' group. 3. Points to the 'Pre-Operative Diagnosis ICD Code' field. 4. Points to the 'Submit' button at the bottom left.

Gynaecology Surgery Form

1. Procedure Date Hospital Number Age

Name Surname Parity

Gravidity Miscarriage Ectopic pregnancy

HIV Status CD4

Elective ☐ Emergency ☐

G1 ☐ G2 ☐ G3 ☐ 2. ONC ☐

Oncology ☐ General Gynaecology ☐ Infertility ☐ Urogynaecology ☐

Open Abdomen ☐ Endoscopy ☐ Vaginal ☐

Pre-Operative Diagnosis ICD Code: 3.

Consultant ☐ Fellow ☐ Registrar ☐ Intern ☐

Diagnosis if not on ICD 10 list Procedure(s) Performed(Code) :

None ☐ Bladder Injury ☐ Bowel Injury ☐ Bleeding requiring unplanned blood transfusion ☐ Procedure Not Completed ☐

Other Complications Complete form later? ☐

4.

Figure 27: An example of a form

6.1.1 Description

This section is where users can input data into the hospital forms for the system.

6.1.2 Detailed Component Description

1. **Input box:** This is an input field where users will place the required information needed for that field.

2. **Check box:** This is check box in which users can check if the data collected meets the required checkbox.
3. **ICD 10 input box:** This is an input box where users will place the required information needed for that field. Unlike regular input boxes these input boxes allow users to add and remove boxes using the + and - icons.
4. **Submit button:** Users can click this button to submit the button once all information has been completed.

6.1.3 How to fill forms

1. Fill in all required information in all the input boxes and check boxes.
2. Click on the submit button.

6.1.4 How to fill in ICD 10 Codes

1. NOTE: To help in ICD codes there is an added usability navbar to provide users with ICD 10 codes. This simplifies filling in information. Relevant sections can be clicked on and a dropdown list will be shown. Examples of the navbar and the dropdown can be found below.



Figure 28: ICD 10 Codes navbar.

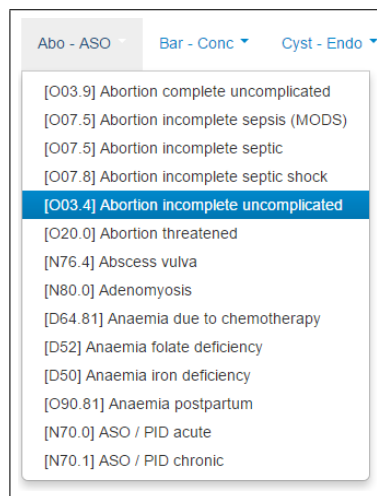


Figure 29: ICD 10 Codes Dropdown.

2. Fill in relevant ICD code into the input box
3. Add extra field if more codes are needed.
4. Repeat 1 and 2 as much as needed.

6.1.5 When to fill in forms

If you would like to add a new patient you can select Forms on the menu tab.

6.1.6 How fill in forms works

1. We wrote out a mongodb schema that reflected the fields required for each form
2. We then used a JSON converter that converted our mongodb schema to a json object.

3. The converter then changed the json object into an html file which became the form.
4. When the user clicks the submit button validation of the form gets computed and if the form passes validation we use post request to perform the add form functionality using the add function in mongodb.
5. The form is then saved into the database and can be retrieved.

6.2 Statistics Queries

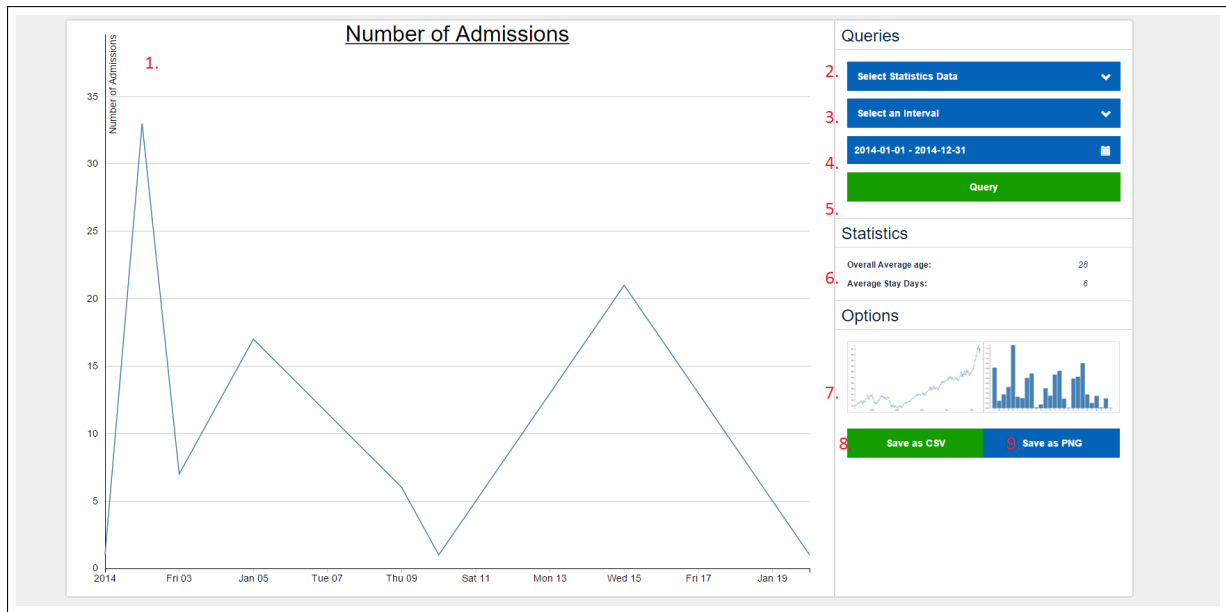


Figure 30: Statistical Queries Page.

6.2.1 Description

This page allows the administrative user to query statistics to obtain information for research purposes.

6.2.2 Detailed Component Description

1. **Statistics Graph:** This is the graph that represents the statistics data queried. The default graph show upon page load is always the number of admissions over a daily interval.
2. **Statistics Data Dropdown List:** This is a dropdown list that allows the user to select the data they would like to query.
3. **Interval Dropdown List:** This is a dropdown list that allows the user to select the interval they would like the data to be grouped by.
4. **Date Selector:** This is a selection input box that allows the user to choose the period in which they want the data from. E.g. They would choose a start date of 01/01/2014 up until an end date of 31/10/2014.
5. **Query Button:** This button can be clicked to create a new statistics graph with options selected by user.
6. **Statistics Average Section:** This section contains averages for certain statistics collected.
7. **Graph Type Selector:** This is two selectors that allow the user to choose whether the information is showed as a bar graph or a line graph.
8. **Save as CSV:** This allows the user to save the data represented into a CSV file.
9. **Save as PNG:** This allows the user to save the data represented as a PNG image file.

6.2.3 How to query statistics:

1. Select the statistics data from the statistics data dropdown list. An example of the dropdown list in use is shown in figure 31.

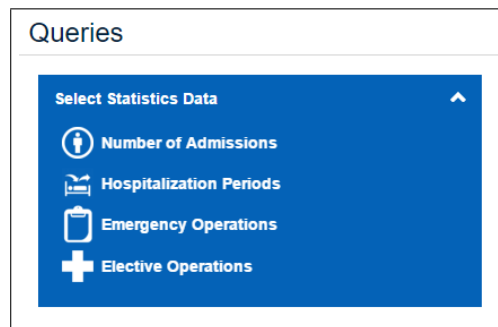


Figure 31: Statistics Data Dropdown List in use.

2. Select the interval period from the interval dropdown list. An example of the dropdown list in use is shown in figure 32.

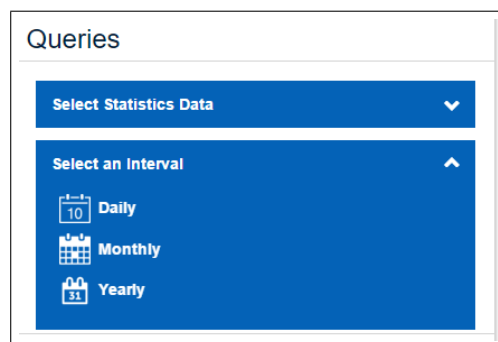


Figure 32: Interval Dropdown List in use.

3. Select the start and end dates from the Date Selector(Always start with the start date). An example of start and end dates selected is shown in figure 33

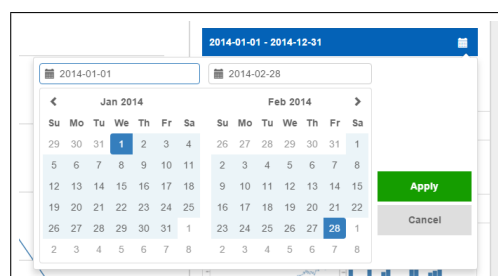


Figure 33: Statistics Data Dropdown List in use.

4. Click on the query button and the new graph with the options selected will be shown.

6.2.4 How to select the graph type

1. Choose either the bar or line graph from the Graph type selector

6.2.5 How to save graph as CSV

1. Click on the save as CSV button.

6.2.6 How to save graph as PNG

1. Click on the save as PNG button.

6.2.7 How to select the graph type

1. Choose either the bar or line graph from the Graph type selector

6.3 Statistics Dashboard

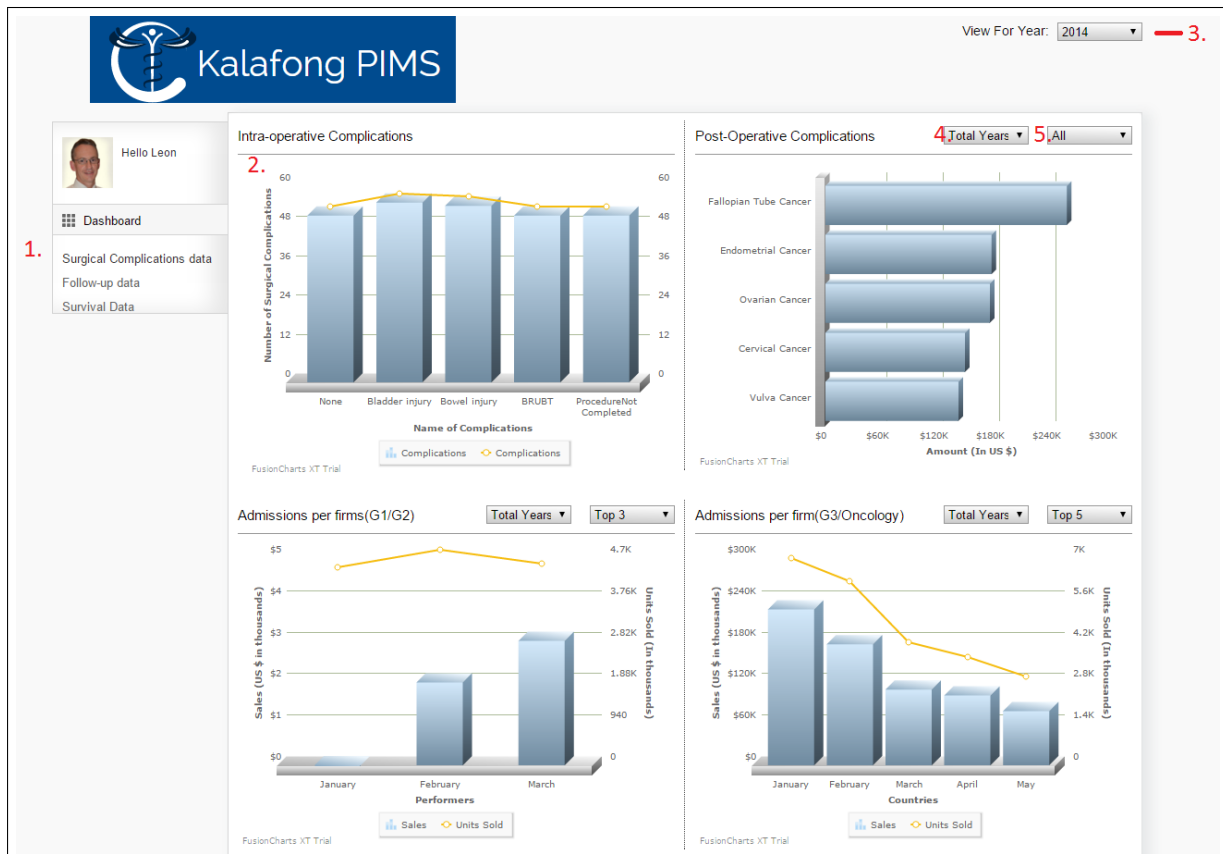


Figure 34: The Statistics Dashboard.

6.3.1 Description

This dashboard is available to the admin user and allows them to an overall summary of multiple graphs.

6.3.2 Detailed Component Description

1. **Dashboard Sections:** This section of the dashboard allows the user to view graphs grouped into their respective sections.
2. **Graph:** This is a graph that represents certain data.
3. **Year selector:** This allows the user to select what year the graphs data represents.
4. **Total Years Selector:** This allows the user to select the years for that specific graph.
5. **Top Selector:** This allows the user to choose whether the graph shows the Top 5 statistics or all of them.

6.3.3 How to select the top 5 of a specific graph.

1. Click on the top selector and choose the top 5 from the dropdown list.

6.4 Add User

Add the details of the new user

1. Username

Surname

Email

User Rights

Password

Department

Staff Type

2. Add User

Figure 35: The Add User Box

6.4.1 Description

This is the add user input box which allows the admin user to add users that can log into the system and perform certain responsibilities.

6.4.2 Detailed Component Description

1. **Input box:** This is an input box in which the user can fill the necessary information in the box.
2. **Add User Button:** This button when clicked will take all the information from the form and use it to add a user to the system.

6.4.3 How to add a user

1. Fill in the user's name
2. Fill in the user's surname
3. Fill in the user's email(must be valid)
4. Fill in the user's rights (1 for admin, 0 for regular user)
5. Fill in the user's password
6. Fill in the user's department (Must be a valid department)
7. Fill in the user's staff type (Must be a valid staff type)

6.5 Remove User



Figure 36: The Remover User Form.

6.5.1 Description

This section allows an admin user to remove a user from the system.

6.5.2 Detailed Component Description

1. **Username input box:** This input box is where the admin user specifies the username of the user to be removed from the system.
2. **Remove user button:** This button when clicked the username specified is valid will remove the user from the database.

6.5.3 How to remove a user

1. Fill in a valid user name in the username input box.
2. Click on the remove user button.

6.5.4 When to remove user

Administrative users may remove users if they have finished their term as interns or if they are misusing the system.

6.5.5 How is remove user achieved

1. When the removed user button is clicked it invokes an a post action on the server side using the AJAX.
2. That POST request queries the database collection to search for the user passed through the textbox.
3. If the entry is empty an error message is sent back as a response and is displayed on the client side which is the webpage, notifying the user.
4. If the entry is in the database, the users 'deleted' field/flag gets changed to true.
5. The user is then notified that the user has been deleted.

6.6 Update Profile

The screenshot shows a web form titled "Profile Information". On the left is a circular profile picture of a man with glasses. To the right of the picture are input fields for "Name" (containing "Leon"), "Surname" (containing "Bosman"), "New Password", "Confirm Password", "Email" (containing "leon@gmail.com"), and "Department" (containing "Obstetrics & Gynaecology"). The "New Password" and "Confirm Password" fields have a small icon of a person with a speech bubble. At the bottom right is a blue button labeled "Update Profile". A red "1." is placed next to the "Name" field, and a red "2" is placed next to the "Update Profile" button.

Figure 37: The Update Profile Page

6.6.1 Description

6.6.2 Detailed Component Description

1. **Username input box:** This input box is where the admin user specifies the username of the user to be removed from the system.
2. **Update profile button:** This is a button that when clicked will update all the relevant information for the user.

6.6.3 How to update your profile

1. User must fill in fields that need to be updated.
2. User must click on the update profile button.

6.7 Predict

Patient Mortality Prediction

Overall Patients

Choose a cancer type:

1.

2.

[Run in Cervical Cancer Form](#)

Individual Patients

Enter the ID or name of the patient:

3.

Choose a cancer type:

4.

5.

[Search for Patient In Cervical Cancer Form](#)

Figure 38: The Prediction Page.

6.7.1 Description

This page predicts the mortality of a patient using artificial intelligence. The artificial intelligence analyses the statistics and determines the likelihood of whether the patient will survive the cancer.

6.7.2 Detailed Component Description

1. **Overall Patient Cancer Dropdown list:** This is a dropdown list of all the cancer types.
2. **Overall Patient Neural Network Button:** This is the button that runs the overall patients neural network.
3. **Individual Patient Cancer Input box:** This is an input box for individual patients.
4. **Individual Patient Cancer Dropdown list:** This is a dropdown list of all the cancer types.
5. **Individual Patient Cancer Neural Network button:** This is the button that runs the individual patients neural network.

6.7.3 How to predict the mortality rate of patients overall

1. Select the cancer type from the overall patient cancer dropdown list
2. Click the overall patient neural network button. NOTE: The end result should be similar to figure 39

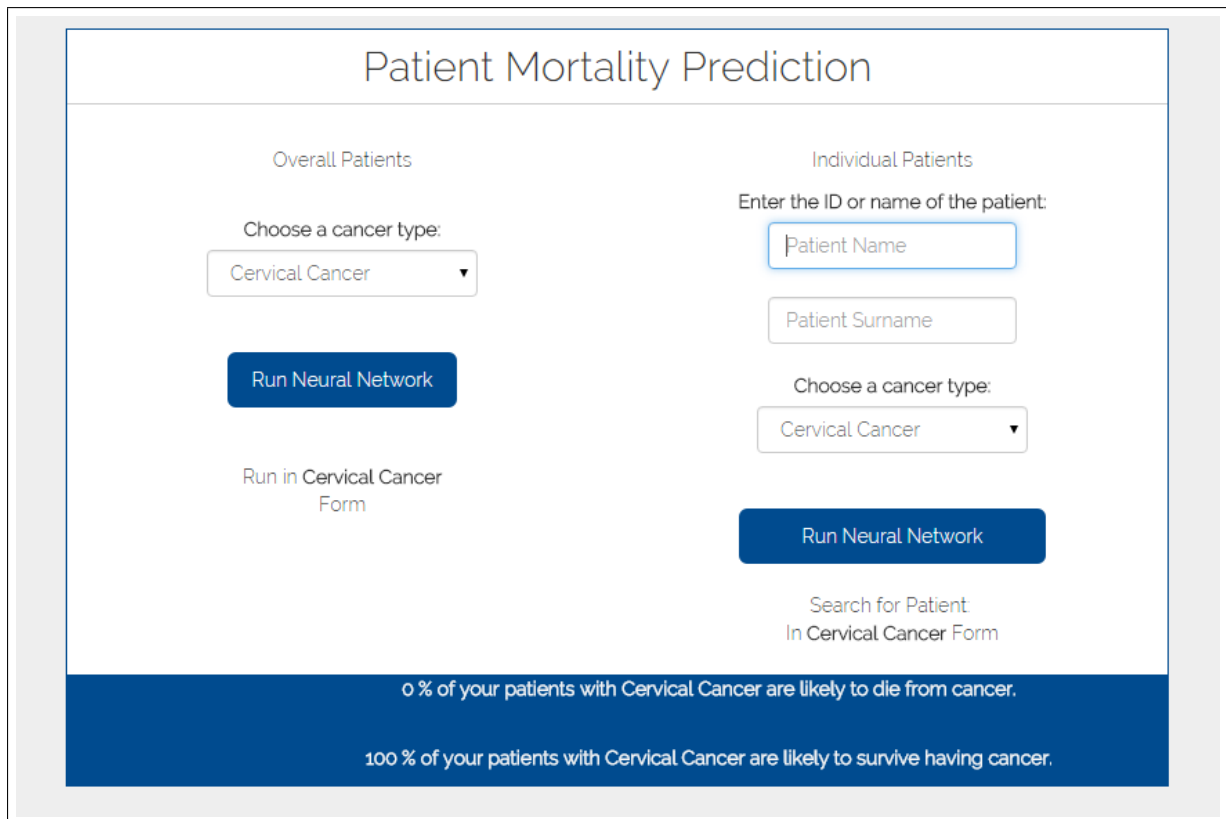


Figure 39: The prediction page after being run.

6.7.4 How to predict the mortality rate of a patient based on the individual patients symptoms.

1. Fill in the patients Username or ID and their surname in the individual patient cancer input boxes.
2. Select the cancer type from the individual patient cancer dropdown list
3. Click the individual patient cancer neural network button. NOTE: The end result should look similar to figure 39

6.8 Tutorial

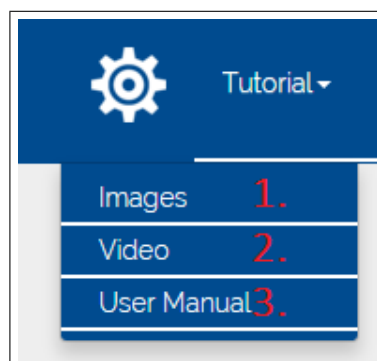


Figure 40: The tutorial dropdown menu

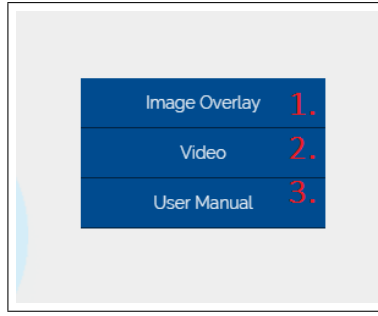


Figure 41: The tutorial icon menu

6.8.1 Description

This section describes how a user can access the different tutorials through the web application.

6.8.2 Detailed Component Description

1. **Image Overlay Link:** This is a link that loads the image tutorial overlay.
2. **Video Link:** This is a link the user to video tutorial.
3. **User Manual Link:** This link downloads the user manual in pdf form.

6.8.3 How to access the image overlay tutorial

1. If user is on the my pims space page. Click on the tutorial Icon.
2. Select the image overlay link.

OR

1. Click on the settings icon in the navbar.
2. Click on the tutorial dropdown
3. Select the images link

6.8.4 How to access the video tutorial

1. If user is on the my pims space page. Click on the tutorial Icon.
2. Select the Video link.

OR

1. Click on the settings icon in the navbar.
2. Click on the tutorial dropdown
3. Select the video link

6.8.5 How to download the user manual

1. If user is on the my pims space page. Click on the tutorial Icon.
2. Select the user manual link.

OR

1. Click on the settings icon in the navbar.
2. Click on the tutorial dropdown
3. Select the user manual link

7 Troubleshooting

7.1 Introduction

This section contains a series of tables that describe possible solutions to problems that may occur when using your PC. Each table contains:

- Symptoms that describe the sign or warning message for the type of problem.
- Possible solutions that describe what you should do to try to solve the problem.

Troubleshooting		
Symptoms	Possible solution	Graphical Errors
You press the login button and nothing happens	1. You entered the wrong username/password combination. 1.1 Click show password to see what you have typed. 1.2 Recheck your email from admin to ensure you are using the correct username/password combination. 1.3 You have not clicked the recaptcha box.	Refer to Troubleshooting figure 1
Cannot add new user	2. You have to fill all the textboxes	Refer to Troubleshooting figure 2
Cannot edit profile	3. Make sure you have internet connection	No reference figure
Cannot query statistics	4. Make sure you have selected an option for each dropdownlist. Ensure you have clicked the query button.	Refer to Troubleshooting figure 3
Cannot remove user	5. User does not exist	Refer to Troubleshooting figure 4
Cannot submit form	6. Critical fields are not filled in.	Refer to Troubleshooting figure 5

7.2 Troubleshooting figures

Use these images in reference with the troubleshooting table.

- Figure 1

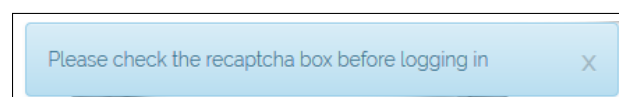


Figure 42: Recapture error

- Figure 2

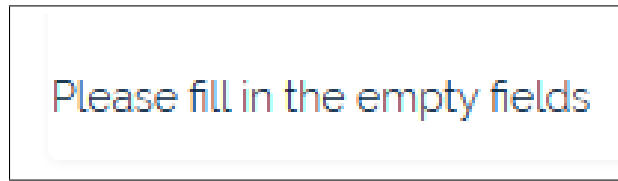


Figure 43: Adding a user error

- Figure 3



Figure 44: Inactive query button error

- Figure 4

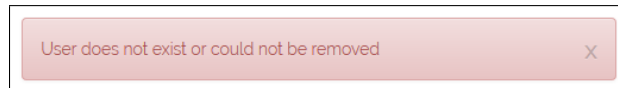


Figure 45: Remove user error

- Figure 5

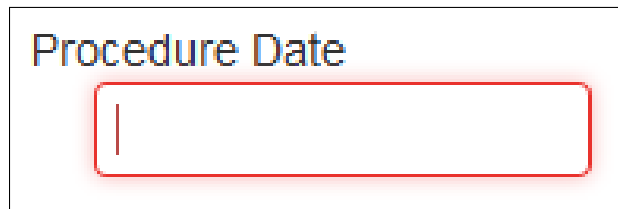


Figure 46: Empty fields error