University of Turku

Health Predictor 1.0 User Manual

A Vaadin Application for doctors to manage patient Profile and diagnose general medical condition

Developers:

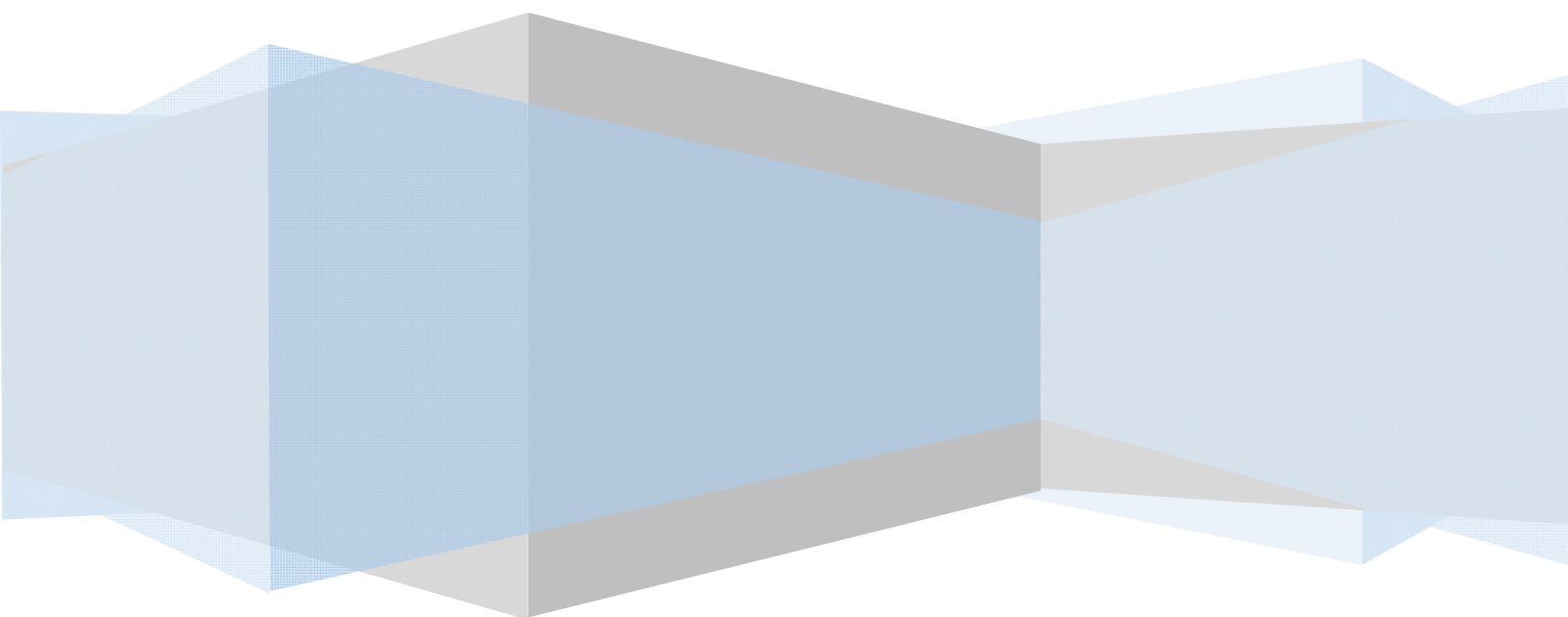Sushri Sunita Purohit (508336)

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USER'S MANUAL

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1.0   GENERAL INFORMATION

Health Predictor 1.0 web application software based on Multi-Tier Client/Server Architecture model. It is designed and developed for doctors for automatic and fast diagnosis of general ailment of patients. It allows doctors to keep track of patients anytime, anywhere.

1.1   System Overview

- Who are the users?

    - Doctors and only doctors

- Why they need this application?

    - To manage and monitor patient profiles and diagnose simple medical condition

2.0   ARCHITECTURE REPRESENTATION

2.1 System Configuration
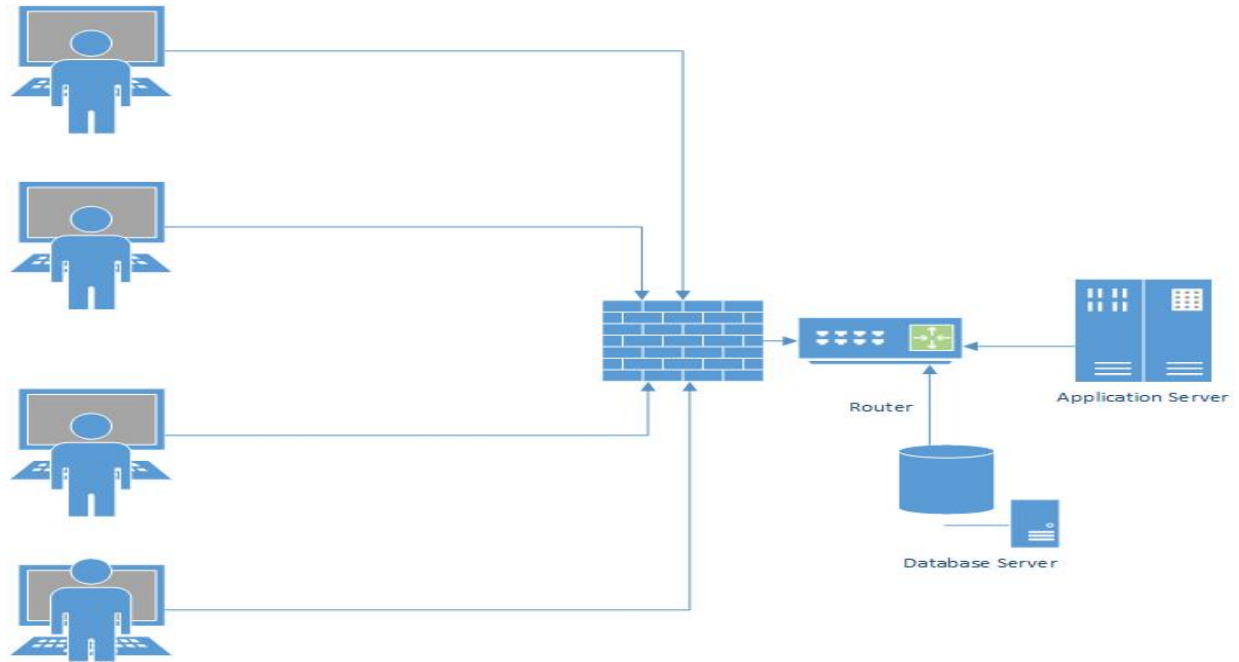
2.2 System Views

Views	Description
Home Page	This is the Default view which contains a calendar and a Notepad for the doctors to keep a note
Patient Dashboard	This view shows the list of patients which the current User is treating. It also gives the user a function to edit the patient profile
Create Patient Profile	A view with fields to create a new patient profile
Run Diagnosis	This view give the functionality for run diagnosis on patients

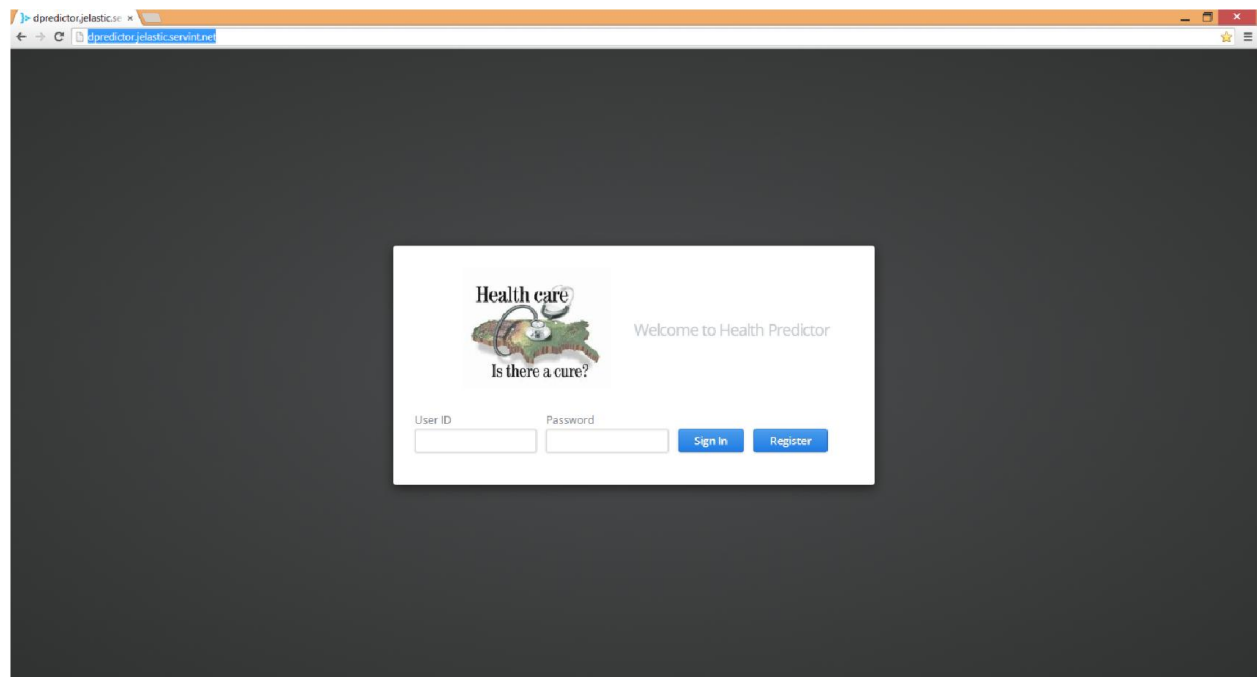|	based on previous medical history as well as new medical conditions

3.0   GETTING STARTED

3.1 Login to the system:

To login to the application you need to click or type the below URL:

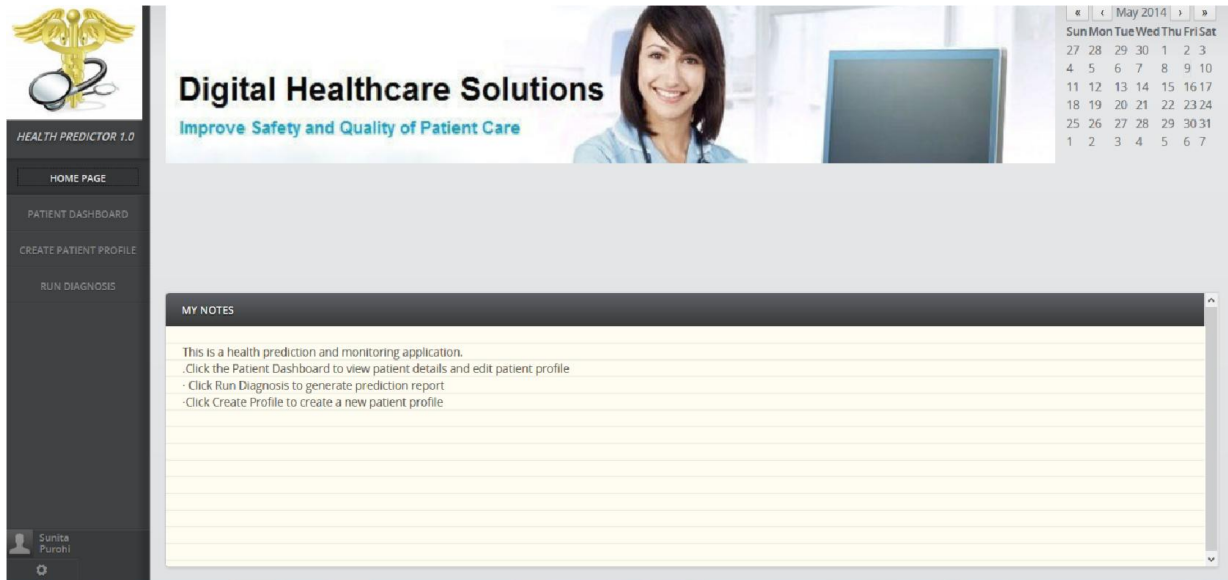http://dpredictor.jelastic.servint.net/

The following page will appear

You need to type in your User ID and the Password to login into the application. The user id is generated at the time of registering.

After you have successfully logged in you will see the below page:

3.2 Register New User:

After you open the application beside Sign In button there is a Register Button which is used to register a new user to the system as shown in the below figure
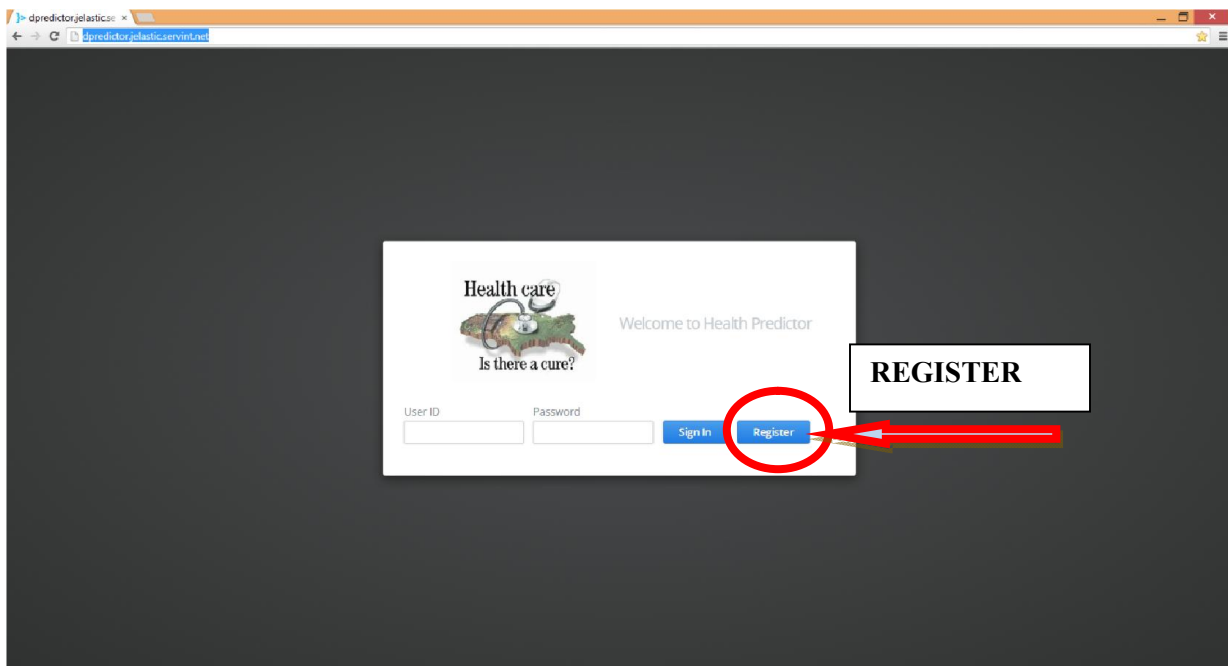
REGISTER

When the register button is clicked a new popup window opens with the fields needed to create a new user. After filling the form click save button to create a new user. The User ID of the new user will be generated automatically and displayed on screen as shown below.
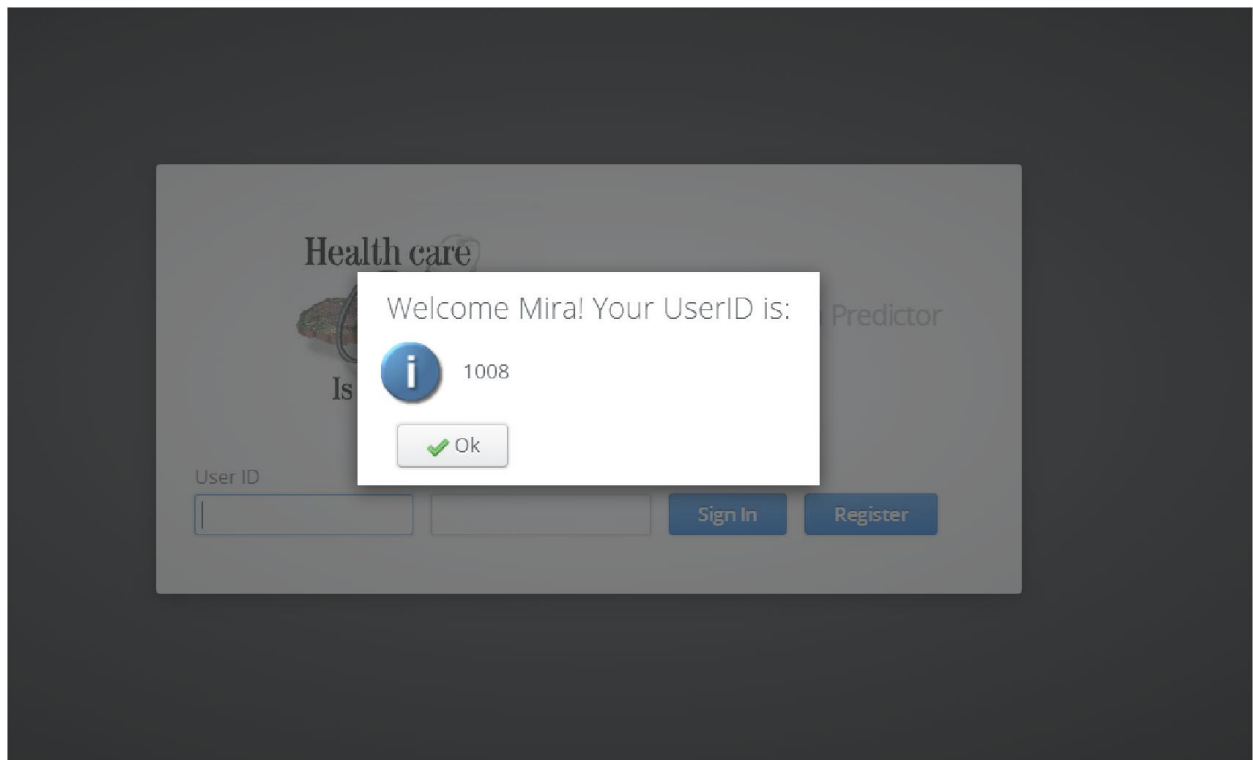
3.3 View and Update Patient Profile:
To View the patients list Click the Patient Dashboard Tab as shown below.

When you select a particular patient from the list, the **Detail view tab** shows up in the same page .Next to the **Detail view tab** there is an **Edit tab** which is used to update the selected patient details.

3.4 Create New Patient Profile:

Click on the Create Patient Profile tab on the navigator to open form to create a new patient as shown below. When a patient is created successfully, by default the status of the patient is saved as **Alive**
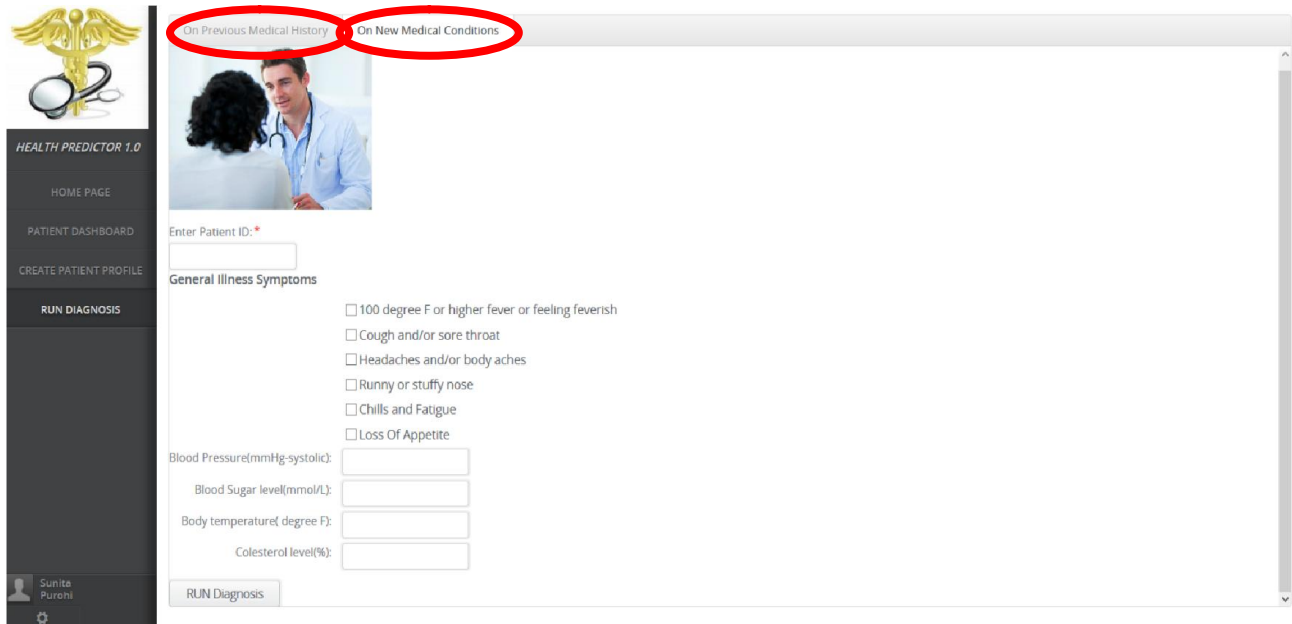
3.5 Run Diagnosis:

Click on the Run Diagnosis tab on the navigator to run a diagnosis on the patient medical conditions. You need to enter a valid patient ID and if the application will throw an error message if you enter a patient id and the patient is dead. You can perform a diagnosis on patient's previous medical history as well as new medical conditions. The figure shows the feature described above.

3.6 Edit User Profile:

Click the Edit My Profile tab as shown below and click save after making the changes
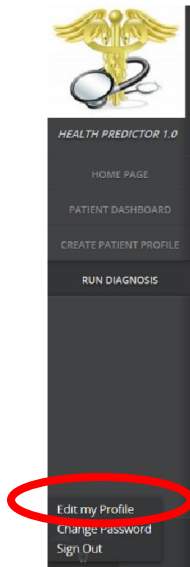
3.7 Change Password:

Click the Change Password tab to change User password. The application throws an error message if the old password is incorrect
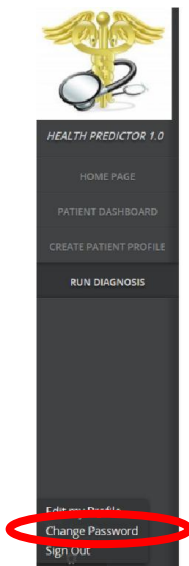
3.8 Sign Out:

Click the Sign Out tab as shown below

HEALTH PREDICTOR 1.0

HOME PAGE

PATIENT DASHBOARD

CREATE PATIENT PROFILE

RUN DIAGNOSIS

Edit my Profile
Change Password
Sign Out

On Previous Medical History   On New Medical Conditions

Enter Patient ID: *

RUN Diagnosis