

# **Final Project**

## **Hospital record management system**

### **1. Dependencies needed for the project to run**

**1. Modules:** “Openpyxl” module is needed for the project to run this is so as to connect the excel spreadsheet to our system and use it as our database. “Tkinter” modules are installed already hopefully if not they should be installed too.

**2. Username and Passwords:** Username and Passwords are given in the excel so except for the Admin page’s, which is found on the first and second column respectively of the first row of the sheet “Security”, other users username and password are given on their respective sheets. This is done to simulate the real system.

### **2. User manual**

The Project or the system consists of seven types of Users these are:

1. Administrator Staffs
2. Doctors
3. Nurses
4. Patients
5. Laboratorists and Pharmacists
6. Accountants

#### **1. Administrator Staffs**

These User have every access to every data stored on the database(excel) . These are the patients and employees personal information and other records recorded by any formal Hospital like Doctor appointments, Prescriptions, Operation lists, birth reports and death reports. Not only this but these staff also add other patients and employees records like Name, sex, Age, and many other personal informations. The Admin also gives them unique Id to differentiate them.

#### **2. Doctors**

Doctors have their own id and passwords. First, it is given to them by admin staff which can later be changed. This is true for other users too. After logging into the system the Doctors can schedule appointments and surgeries and add prescriptions. They can also view them in case they forget.

#### **3. Nurses**

Nurses here have the roles of reporting birth and death reports and viewing them.

#### **4. Laboratorists and Pharmacists**

These users do mainly viewing prescriptions and adding them if necessary they can also view all other informations to make them more effective.

## **5. Accountants**

Accountants mainly control the financial flow of the hospitals like checking the fees expected from Patients and etc.

Generally, this System simulates the recordings expected in a standard hospital and it mainly focuses on recording and displaying.

## **ITSC**

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