

COLLEGE OF BUSINESS AND ECONOMICS

SCHOOL OF BUSINESS

PROGRAM: BIT LEVEL 2 (HUYE CAMPUS)

MODULE: ADVANCED JAVA PROGRAMING

NAME: RURANGWA Leo

REG NO: 221011546

Groupe NO: 3

PROJECT NAME: Clinic Management System

PLANNING

Clinic Management System is a system enabling clinic to manage information and data related to all aspects of healthcare. Processes, providers, patients, and more, which in turn ensures that processes are completed swiftly and effectively

Also Clinic Management System is a process of implementing all the activities of the Clinic in a computerized automated way to fasten the performance,

DESIGN

This includes login, doctors, admin, patients and room, appointments and Receptionist
In this system, you can perform the actions that you usually see in the Clinic you can do the following features:

- Login
- Add Patient
- Add Doctor
- Add Receptionist
- Add Admin
- Generate Reports

DEVELOPMENT

This management system has been developed to form whole management system including

Prepared by Rurangwa Leo

Users, Doctors (consultants), Receptionists, Patients, Appointment etc.

This project has GUI (Graphical User Interface) based software that will help in storing, updating and retrieving the information through various user-friendly menu-driven modules.

TESTING

- Verify that the portal for new patient registration has all the mandatory fields required for registering a patient.
- Verify that after filling the patient details
- Verify that after patient checkup based on the requirement the details are updated in the patient details database.
- Verify that for existing patients based on the application number of the patient, their records are added/updated in the database.
- Verify that the system has an admin for doctors as well.
- Verify that for each doctor's details like their timings, specialty, fee, patient visited etc is visible to the authorized users.
- Verify that new details of new doctors can be added to the system.
- Verify that the details of existing Receptionist can be updated in the system.
- Verify that the doctor's record can be deleted from the system.
- Verify the admin for hospital inventory, room and bed management.
- Verify that the admin has the record of all the Doctors , Patient and Receptionist and the same gets updated when used or added to the system.
- Verify that the admin has a record of rooms and beds availability and the same gets updated based on their allotment and departure to patients

DEPLOYMENT

First of all,

- start your xampp.
- Then go to localhost/phpmyadmin
- create a database and name it as the SQL file given in your project folder.
- Then import the SQL file to the created database.
- After this open your NetBeans and then run the project.

PLEASE READ THE LOGIN.TXT FILE FOR THE LOGIN CREDENTIALS
