**Hospital Management System**



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**Submitted by:**

Mian Muhammad Ashhad 2022-CS-114

**Supervised by:**

Prof. Dr. Muhammad Awais Hassan

Department of Computer Science

**University of Engineering and Technology**

**Lahore Pakistan**

* **Short Description of the Application**
  + **Objective:**

The aim of this hospital management system project is to simplify healthcare operations by providing a user-friendly application for managing hospital operations like manipulation of patient records, billing and inventory.

* + **Expected Results:**

This project expects to deliver a fully functional hospital management system that is efficient, user-centric and manages various hospital operations like billing and manipulation of records.

* **Users of the Application**
  + Admin
  + Doctors
  + Patients
* **Functional Requirements**

|  |  |  |  |
| --- | --- | --- | --- |
| User Story ID | *As a* | *I want to perform* | *So that I can* |
| **1** | Admin | View my Record | View my Details |
| **1** | Admin | Edit my Record | Edit my Details |
| **1** | Admin | Add new records | Admit new patients and/or add new doctors |
| **1** | Admin | Remove old records | Discharge patients and/or fire certain doctors |
| **1** | Admin | View records | View the details of patients and doctors |
| **1** | Admin | View dispensary inventory | Check the availibility of medicines in the dispensary |
| **1** | Admin | Update dispensary inventory | Update the amount of medicine in dispensary after ordering new batches |
| **1** | Admin | View prices of medicines | Check the prices of medicines to determine whether to increase them or not |
| **1** | Admin | Update prices of medicines | Increase or decrease the prices of medicines as required |
| **1** | Admin | View doctors' schedules | Check the daily schedules of the doctors working in the hospital |
| **1** | Admin | Give discount to a patient | Reduce the bills if a needy patient requests to do so |
| **1** | Admin | View patients' and doctors' reviews on hospital services | Monitor their feedback on hospital services |
| **2** | Doctor | View my Record | View my Details |
| **2** | Doctor | Edit my Record | Edit my Details |
| **2** | Doctor | View patients' records | View the patients' details and history |
| **2** | Doctor | Enter patients' diseases in database | Update patients' records after diagnosing them |
| **2** | Doctor | Enter required medicines in the records of patients | Prescribe medicines to patients |
| **2** | Doctor | View my own schedule | View my upcoming appointments |
| **2** | Doctor | Give a review on hospital sevices | Provide feedback to the hospital management |
| **2** | Doctor | Enter required tests for patients | Order tests for my patients |
| **2** | Doctor | Check test results of patients | Make further decisions for the treatment of patients |
| **2** | Doctor | Add appointments to database | Schedule my appointments |
| **2** | Doctor | Remove appointments from database | Update my schedule as appointments are carried out |
| **2** | Doctor | Edit time of appointments | Move my appointments to other dates if the need arises |
| **3** | Patient | View my record | Review my details |
| **3** | Patient | Edit my personal details | Correct my credentials if needed |
| **3** | Patient | View my medical history | Check my past history |
| **3** | Patient | View my diagnosis | Check my disease |
| **3** | Patient | View my prescriptions | Check my required medicines |
| **3** | Patient | View recommended tests | Check my required tests |
| **3** | Patient | View the details of my appointments | Check the time and venue of my appointments |
| **3** | Patient | View my bill | Check my dues |
| **3** | Patient | Give a review on hospital services | Provide feedback to the hospital management |
| **3** | Patient | View test results | Check the results of my tests |