**HOSPITAL MANAGEMENT SYSTEM**

This project entitled “Hospital Management System in Django” is a software designed using Django that will automate hospital management. The said project will automate the hospital’s many daily vital processes. The development and implementation of the system will efficiently streamline the hospital’s daily transactions from recording patient’s information, doctor’s appointments upto yhe billing of patients.

**Technologies used**: HTML, CSS, Javascript, Sqlite, Bootstrap, Python Django

**Requirements:**

**Hardware:**

1. Processor: 2GHz Pentium minimum
2. Memory: 2 GB RAM
3. Disk space : 500GB

**Software:**

1. Operating System: Windows 10
2. Pycharm(2020.2.3 community edition)
3. VS Code

**Modules:**

1. Admin:

* Signup their account. Then Login( No Approval required).
* Can register/view/approve/reject/delete doctor(approve doctor who applied for job in the hospital).
* Can admit/view/approve/reject/discharge patient.(Discharge patient when treatment is done).
* Can generate/download invoice pdf (generate pdf according to medicine cost, room charge, doctor charge and other charge).
* Can view/book/approve appointment.(Approve those appointment which is requested by patients).

1. Doctor:

* Apply for job in the hospital( Approval required by hospital admin. Then only doctor can login).
* Can only view their patient details (Symptoms, name, mobile) assigned to that doctor by the admin.
* Can view their discharged (by admin) patients list.
* Can view their appointments booked by admin.
* Can delete their appointment when doctor attended their appointments.

1. Patient:

* Create account for admission in hospital. Then login (Approval required by admin).
* Can view assigned doctor’s details like Specialization, Mobile, Address.
* Can view their booked appointment status (pending/confirmed by admin).
* Can book appointments (Approval required by admin).
* Can view/download invoice pdf (only when that patient is discharged by the admin).

**Submitted by:**

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