

Hospital Management System

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Description :

An online solution for managing activities (like booking appointments with a doctor, booking a slot for a test/report like X-ray, CT scan etc) and data (about hospital staff, doctors and patients etc) in a hospital.

Getting insights on various diseases(i.e trends of a disease at particular location) by using the past records of all patients.

A doctor will be able to get details of a patient by entering an ID of the patient (or scanning QR) and can also add the prescribed medicines to the patient's account. A doctor will be able to update his availability time as well.

Staff members will be able to see the details of a patient by entering the ID of the patient in the system and will be able to add newly generated reports to the patient's account.

A patient will be able to see his past history, details of doctors in the hospital, book an appointment with the doctor, book a slot for some test/report etc. Patient's account will also have a wallet where they can put their money by recharging and they can spend the money for availing various services of the hospital efficiently.

Pharmacy_store keeper will be able to get a list of prescribed medicines of a patient by entering his ID into the system and can accept payment of medicines from the patient's wallet.

What we are not doing:

We will not handle dynamic changes in the slot timing due to any immediate issue etc.

We are also not planning to add admitting patients to wards and related features for now but will try to add if time permits.

System will have following type of users:

1. Patient
2. Doctor
3. Staff
4. Admin
5. Pharmacy_store