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Subject: SDA

Lab task: 8

Lab Task # 8

Describe your architecture of (HMS) with multiple views and view-points.

For the architecture designed above for HMS, we will have multiple views and viewpoints which describes the behavior of the system with the user.

VIEWS

1. Registration:

Patients will be able to register themselves in the HMS, due to which whenever the login their account they will be able to see their treatment records, Payment history and the appointments with doctors attended.

2. View Appointment:

Patients/users can view the details of doctor using HMS and can book an appointment on the desired date from their homes and can visit the hospital on the appointed date.

3. Receptionist:

Receptionist view helps the patients in registration, also viewing appointment, accessing the patient account and book an appointment for the patient.

4. Doctor:

As for the Doctor's view the patient visits the hospital on the appointed date, the doctor view the patient's previous treatment records, diagnoses him and prescribe medicines and laboratory tests if compulsory.

5. Medicine/Pharmacist:

Once the patient is prescribed and doctor enters the patients' treatment records, pharmacist prepare the medicines according to the prescription and enter the dose and guidelines of using each medicine so that the patient can see the dosage from home.

6. Bill Payment:

From cashier's view when all the treatment is carried out along with medicine the bill is prepared. Patient has the option to pay from card or by cash.