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Lab task 1: SDA

lab Task # 1

Create a working plan for HMS (Hospital Management System) case study using agile process model (Extreme programming). You are required to

- Identify functional requirements (FR's) from the case study and write User Stories for each FR in order to have detailed understanding.
- Create Iteration Plans.
- Perform Test First Development (Write test descriptions for user story cards).

Registration:

It will provide a registration login to all his patient , firstly you have to login if you are an old patient then you can login your credentials but if you are the new one then you have to make registration and by providing your

- Name
- Gender
- Age
- Contact no
- Address

If a person is not registered and he or she also not have new registration then he can only have the major functionalities like

- Viewing hospital timing

Appointments:

After making profile online, patient can check and book an appointment and make his visit to hospital according to his appointment.

Nurses can check and view the patients appointment and suggest the furthermore activities.

Receptionist:

Receptionist can see the patients profile and after the confirmation of the appointment it can issue a clinic number to patient so that he/she can see the doctor.

Receptionist have access to create patients account and book appointment or he or she can unregistered patients.

Doctor:

Doctor will check the patient and add prescription to his profile and in future if he or she needed any other further treatment or change in medicine or he can update her profile or this will be done by giving access to doctor to patients profile.

Pharmacists :

I want to See the prescription made by the doctor for patient

so that I can ready the all medicines for patients.

Patient:

Patient have the access to system so that he can check new prescription and check further details or reports advised by the doctor.

Lab Assistant:

I want to process the specimens, analyze it, then generate the test results

And check which type of test doctor write.

so that I can see the test report and send the report to the doctor