

SDA ASSIGNMENT 1



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Submitted To Respected Sir:

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Stake Holders:

- Doctors
- Patients
- Nurses
- Hospital Administrative
- Register Patients
- Unregistered Users
- Receptionist
- Lab Assistant
- Pharmacist
- Cashier

Requirements Elicitation

Business Requirements

- We need a web application.
- The web application can be accessed through a mobile or computer.
- The system will have details regarding doctors, patients, nurses, hospital administration.

Functional Requirements

- System will allow users to register(user-registration).
- Storing of patient data (gender, mail, name).
- Issuing of clinic number by receptionist.
- Receptionist can view the appointment list.
- Receptionist can view status of nurses and doctors.

- Creating patient accounts by the receptionist.
- Booking an appointment for unregistered patients.
- Referring to the doctors schedule for unregistered patients.
- Allotting of patients to the concerned doctor by the nurses.
- Nurses are able to view doctor status.
- Nurses are able to update patient account.
- Redirecting the patients again to nurses for further diagnosis.
- Entering the generated lab results into the system by the lab assistants.
- Lab assistant can access the system and generate test reports.
- Doctor can redirect the patient to the lab assistant.
- Entry of the medicine and doses for the patient by the pharmacist.
- Creating of the invoice by the cashier through billing module.
- Ordering of the invoice by the cashier through billing module.
- Cashier can watch the payment history of the patients.

User Requirements

- Viewing of hospital timings.
- Patient/user can view available appointments.
- Patient/user can book an appointment.
- Patient/user can manage his/her profile.
- Patient/user can view the prescription details.
- Patient/user can view the report details alongside the doctor's advice.
- Patient/user can view the view the doctors results from any where by using his account.
- Patient/user can ask the dose and guidelines of medicine directly from the pharmacist.

- Patient/user can check the dose and guidelines of medicine directly from his account.

Non Functional Requirements

- Registration via registration module.
- Login using password and email.
- High time taken in the generation of test reports.
- Multiple/many users can use this system at a time.

Requirement Traceability Matrix

Hospital Management System						
#	Conflict	Assoc NFR	Use Case	Activity	Swimlane	State Machine
BR-1				#-1		
BR-2						
BR-3						
FR-1				#-1		
FR-2						
FR-3					#-2	
NFR-1		-				
NFR-2		-				