

PATIENT TRACKING SYSTEM



SPRINTERS_520

Tejaswini Amaresh, Shrutiya Mohan, Devyani Mishra, Dhruvi Tahilramani

OVERVIEW

- The Patient Tracking system provides an efficient way to **manage** and **track patient information** including functions like booking appointments between patient and doctor.
- The application aims to eliminate manual paperwork and traditional record keeping via **digitalizing** the entire process.
- The application provides a **easy-to-use interface**. This saves time for patients and provides a streamlined system for doctors.

FEATURES

- **User Authentication**
- **Patient Registration and Profile Management**
- **Appointment Scheduling**
- **Medical Records Management**
- **User-friendly Dashboard**

FUNCTIONAL REQUIREMENTS

DOCTOR



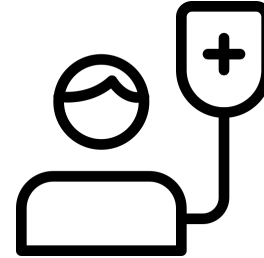
- Log in to the system
- View the list of patients scheduled for the day
- Prescribe medication to a patient and have it recorded.

ADMIN



- Register with personal information
- Schedule an appointment
- Access medical history and test results
- Check for a specific doctor's availability

PATIENT

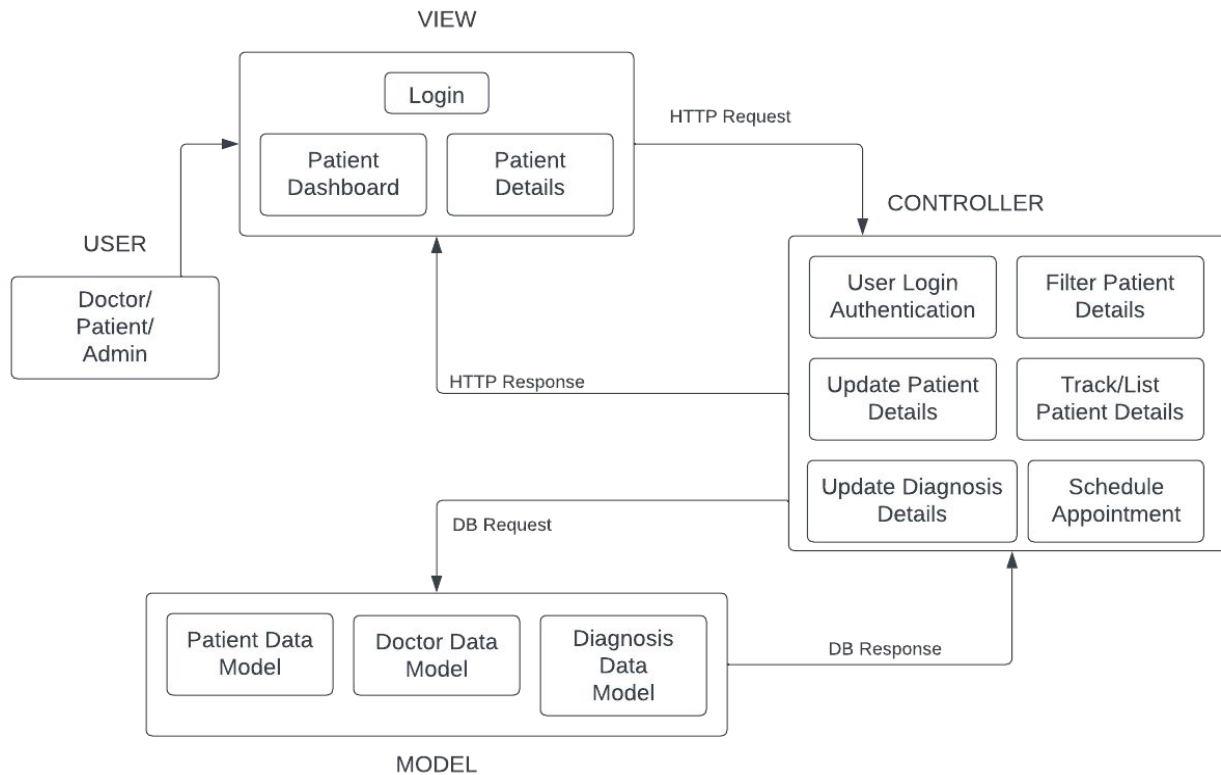


- Register with personal information
- Schedule an appointment
- Access medical history and test results
- Check for a specific doctor's availability

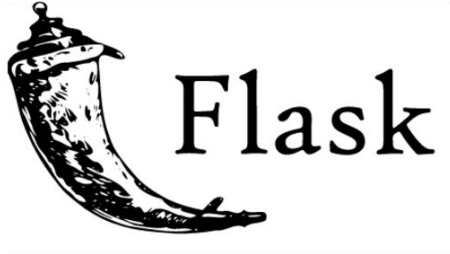
NON-FUNCTIONAL REQUIREMENTS

- **Securability:** Ensure no information leakage as a patient's health records need to be private and confidential.
- **Availability:** The application should have no downtime as patient data is crucial and should be available.
- **Scalability:** The system should be able to manage a large amount of data. The system should be able to accommodate the future growth of the patients, doctors and the administrative staff.
- **Maintainability:** The system should have a complete backup present at all times in case of any data error, unexpected outage or system failure
- **Usability:** The UI should be interactive and user friendly with easy navigation. The user should be able to use the system with ease and should have a simple UI that is user friendly.

DESIGN



TECH STACK



USER INTERFACE MOCKUP

PATIENT TRACKER SYSTEM

LOGIN

Select User:

Patient

Doctor

Admin

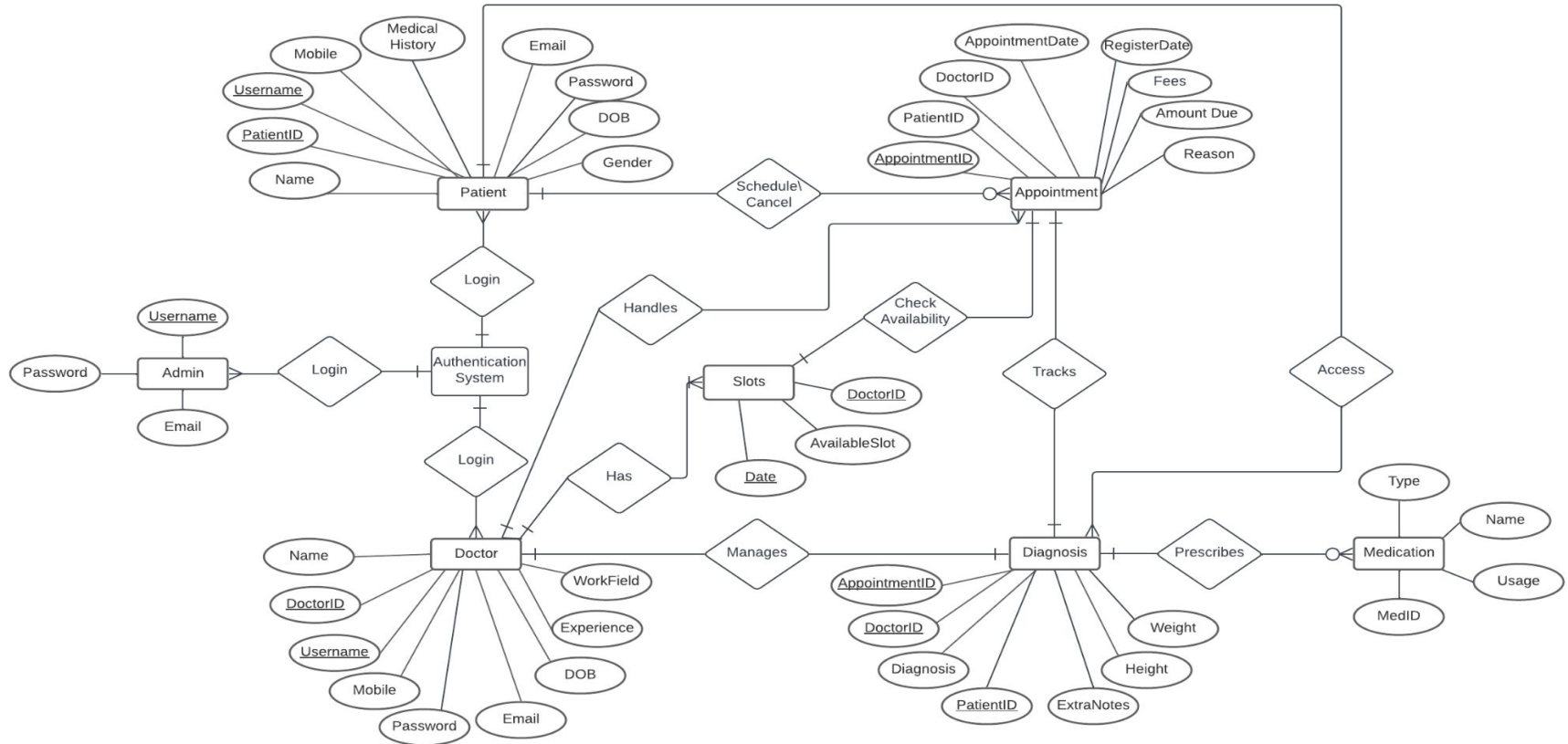
Username

Password

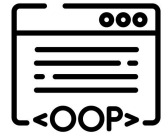
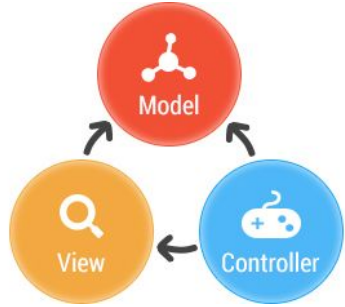
SUBMIT

Do not have an account?
[Sign Up Here](#)

PATIENT TRACKER SYSTEM					
VIEW SCHEDULED APPOINTMENTS			VIEW PATIENT DETAILS		
10 AM - 11 AM	11 AM - 12 PM	12PM - 1 PM	1 PM - 2PM	2PM - 3 PM	4 PM - 5PM
PATIENT 1 Diagnosis 1	PATIENT 2 Diagnosis 2			PATIENT 3 Diagnosis 3	



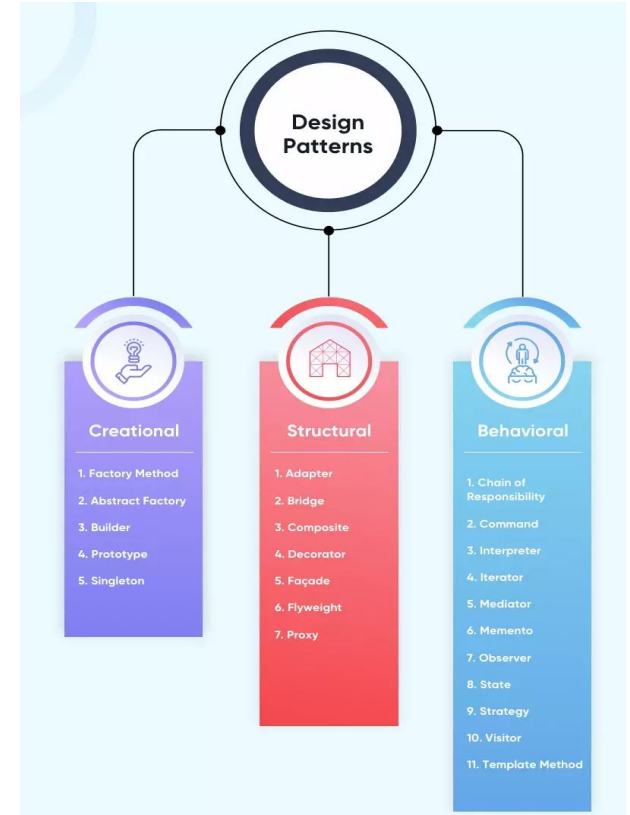
IMPLEMENTATION



Object-oriented



DATA ENCRYPTION



PLAN

- **Sprint 0:** Project kickoff - getting started
- **Sprint 1:** Development Phase 1 - Building the core
- **Sprint 2:** Development Backlog and Testing
- **Sprint 3:** Wrapping it up

THANK YOU !