WholeException

Final Presentation

Team Members:

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Project Topic:

Hospital Managment System

Team Formation

1

Frontend

- Ashutosh
- Pallav
- Rishabh
- Swati

2

Backend

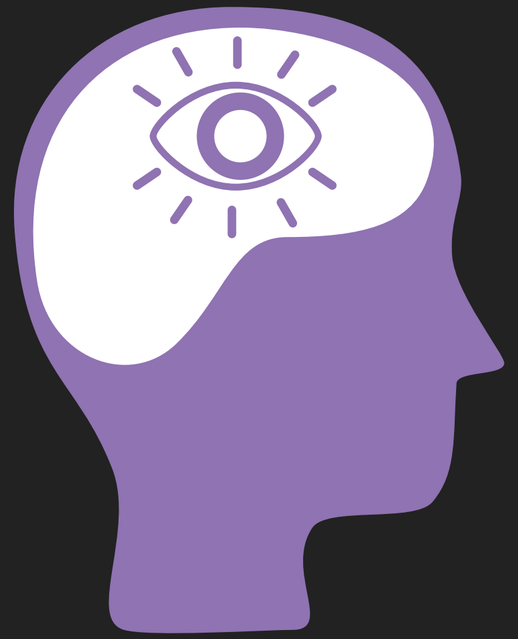
- Harsh
- Nishtha
- Shaili

Topic Selection

Selected Topic: **Hospital Managment System**

Reason for Selection:

- Boosts efficiency by automating data, appointments, and prescriptions.
- Enhances care with faster processing and improved satisfaction.
- Reduces errors through automated data management.
- Integrates functions for better staff coordination.
- Scales and adapts for future growth and relevance.



Topics to be Covered

1. **Project Synopsis**
2. **Implementation**
3. **Conclusion**

Project Synopsis

Objective: Develop a comprehensive hospital management system to streamline administrative and medical processes.

Scope: Patient management, appointment scheduling, doctor records, and reporting.

Expected Outcomes: Improved operational efficiency, reduced manual errors, better patient and doctor experience.

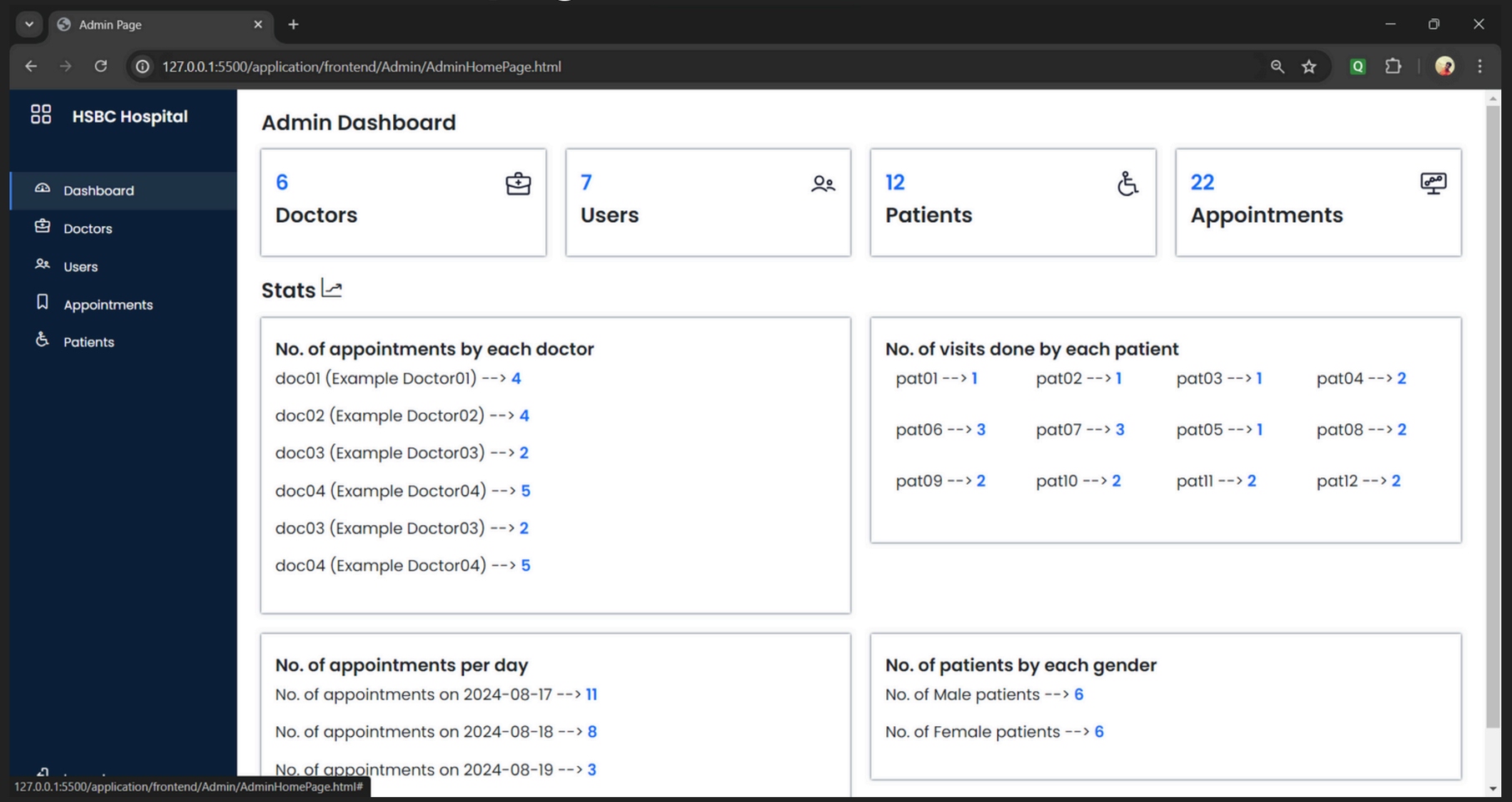
Implementation

Features Developed:

- **Patient Management:** Registration, record updating, book and reschedule appointments
- **Admin Features:** Add/manage doctors, view all doctors, cancel appointments, show patients.
- **Doctor's Dashboard:** Add schedule, view appointments and suggest medicine and tests.

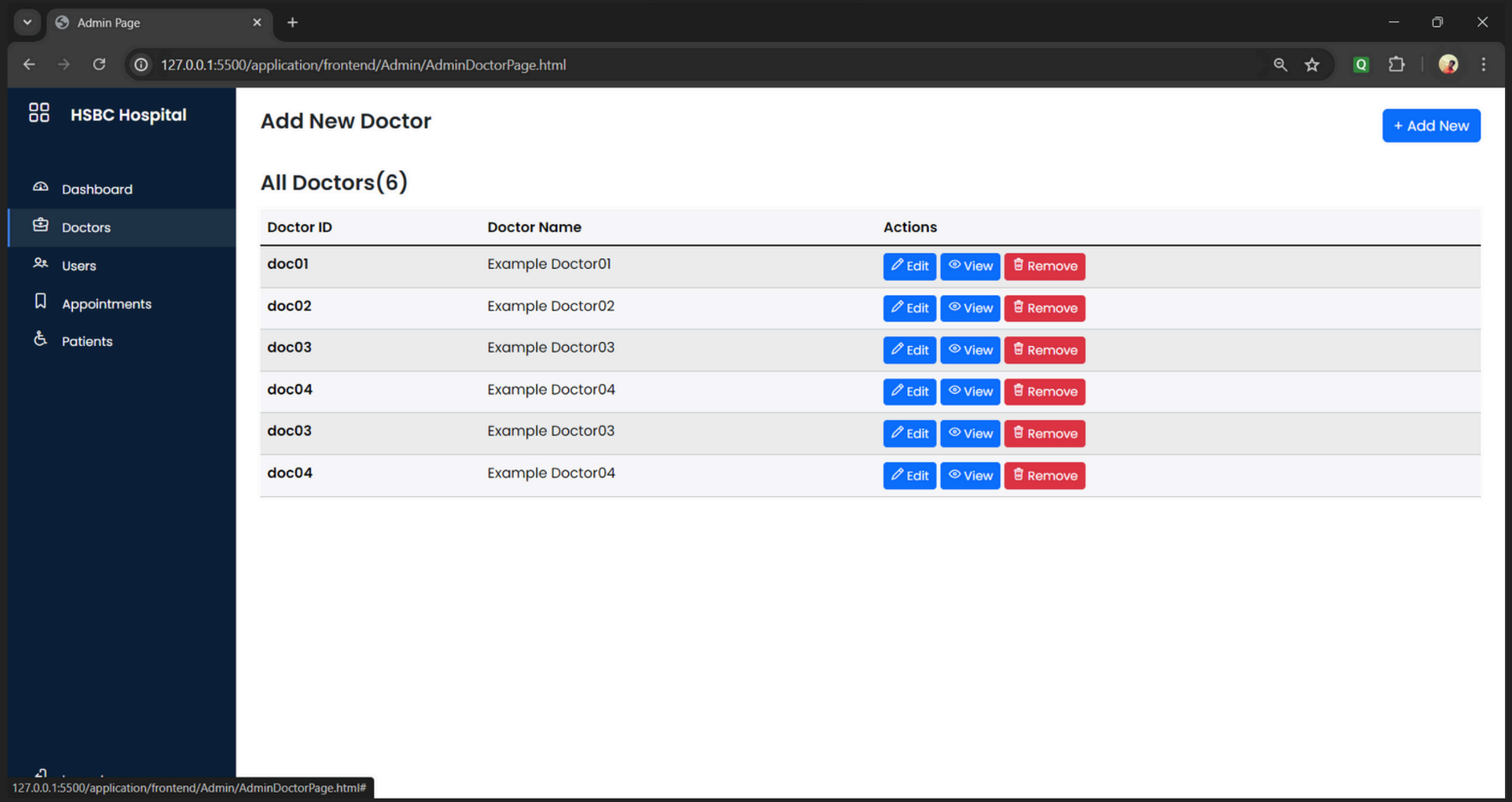
Implementation

Frontend: Admin home page



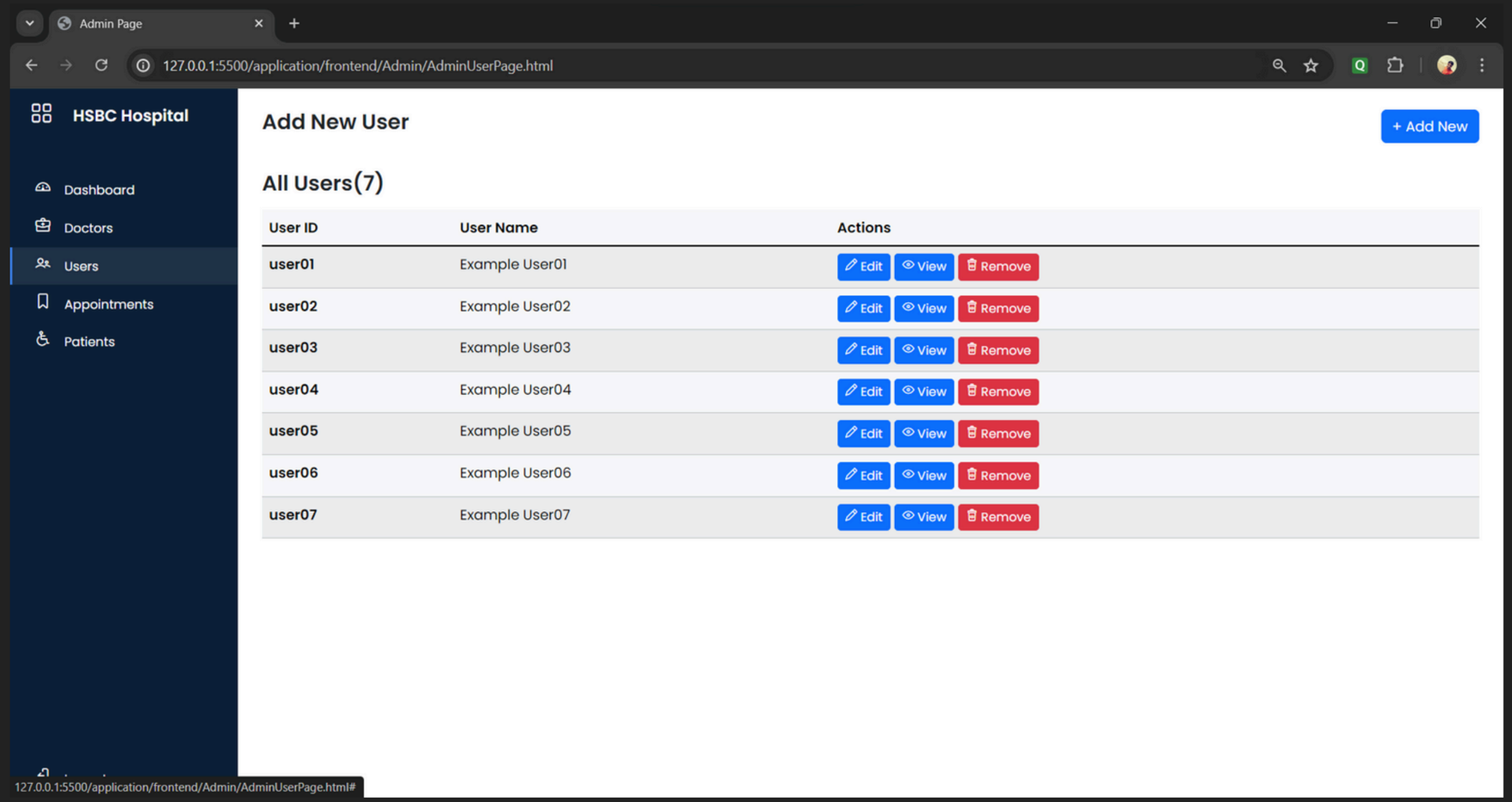
Implementation

Frontend: View/Edit/Remove Doctors page



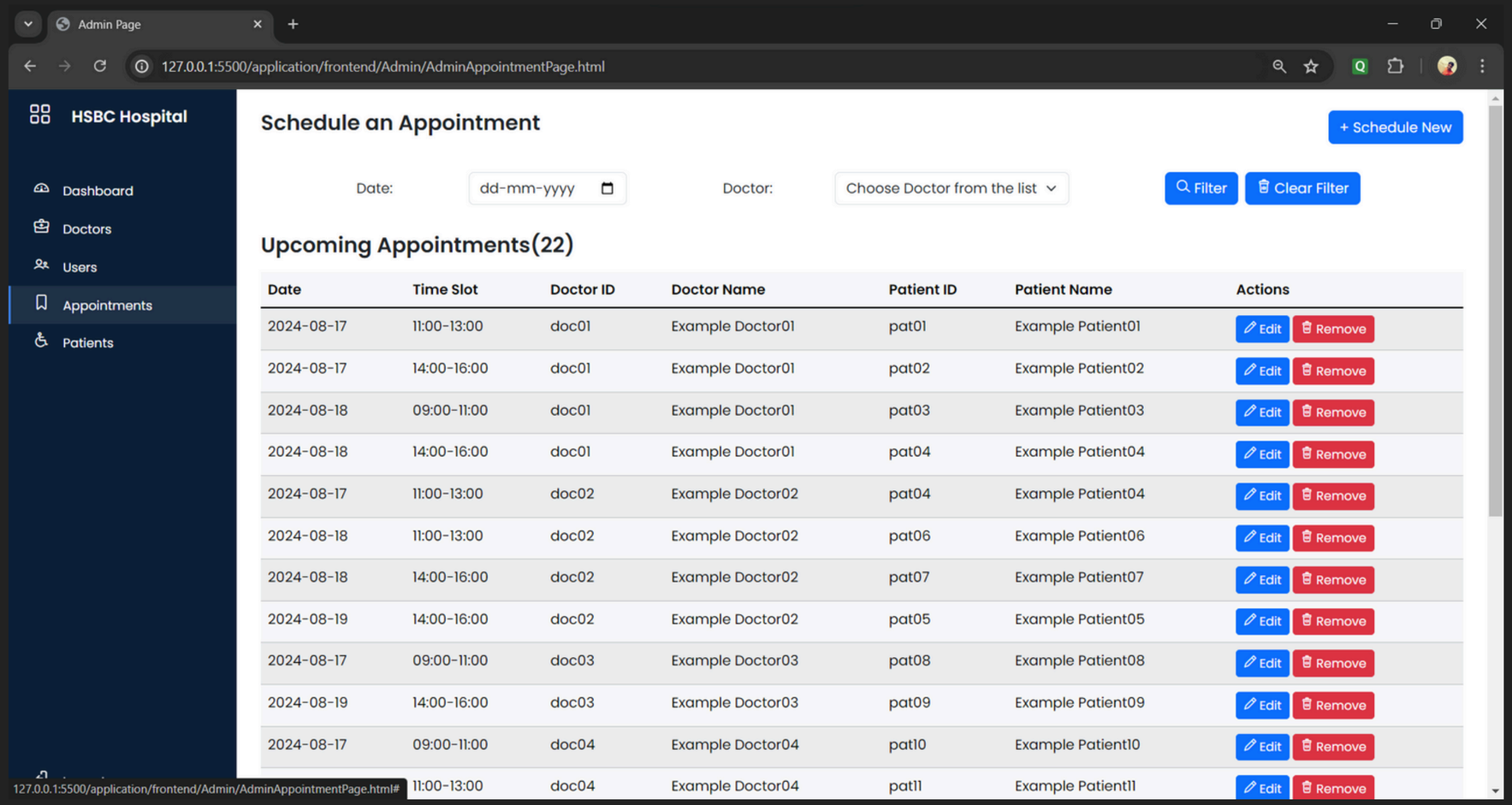
Implementation

Frontend: View/Edit/Remove Users page



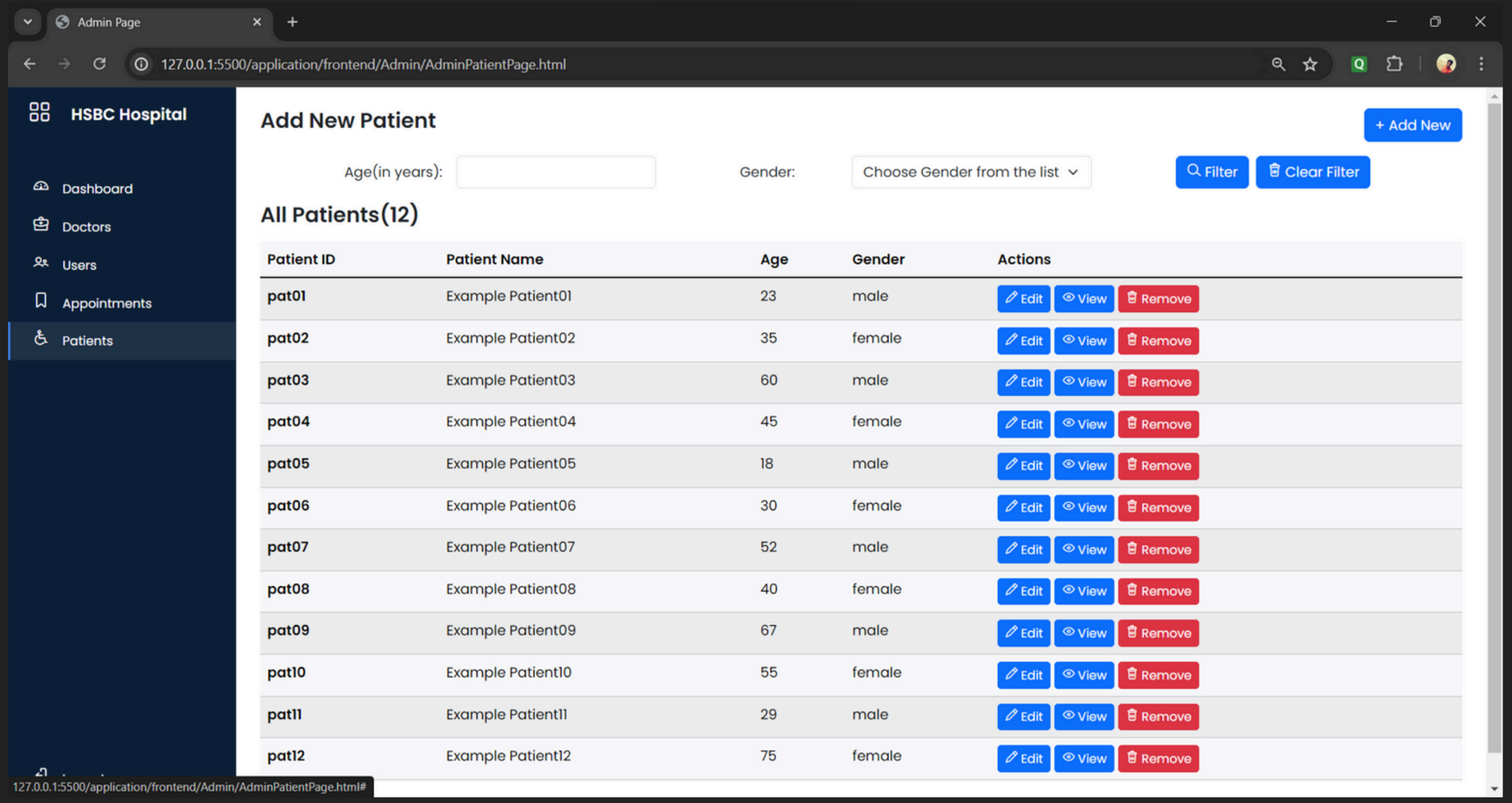
Implementation

Frontend: View/Edit/Remove Appointments page



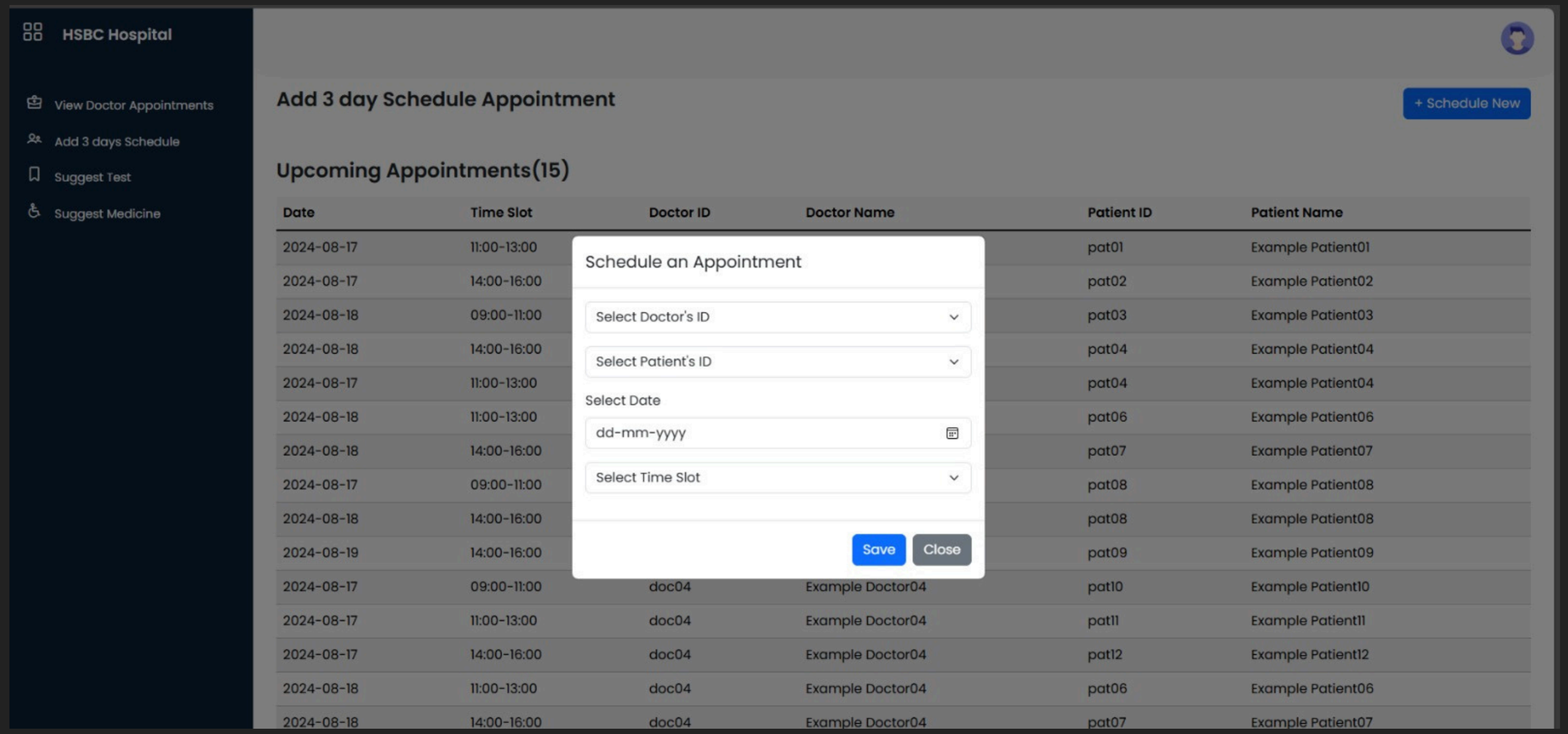
Implementation

Frontend: View/Edit/Remove Patients page



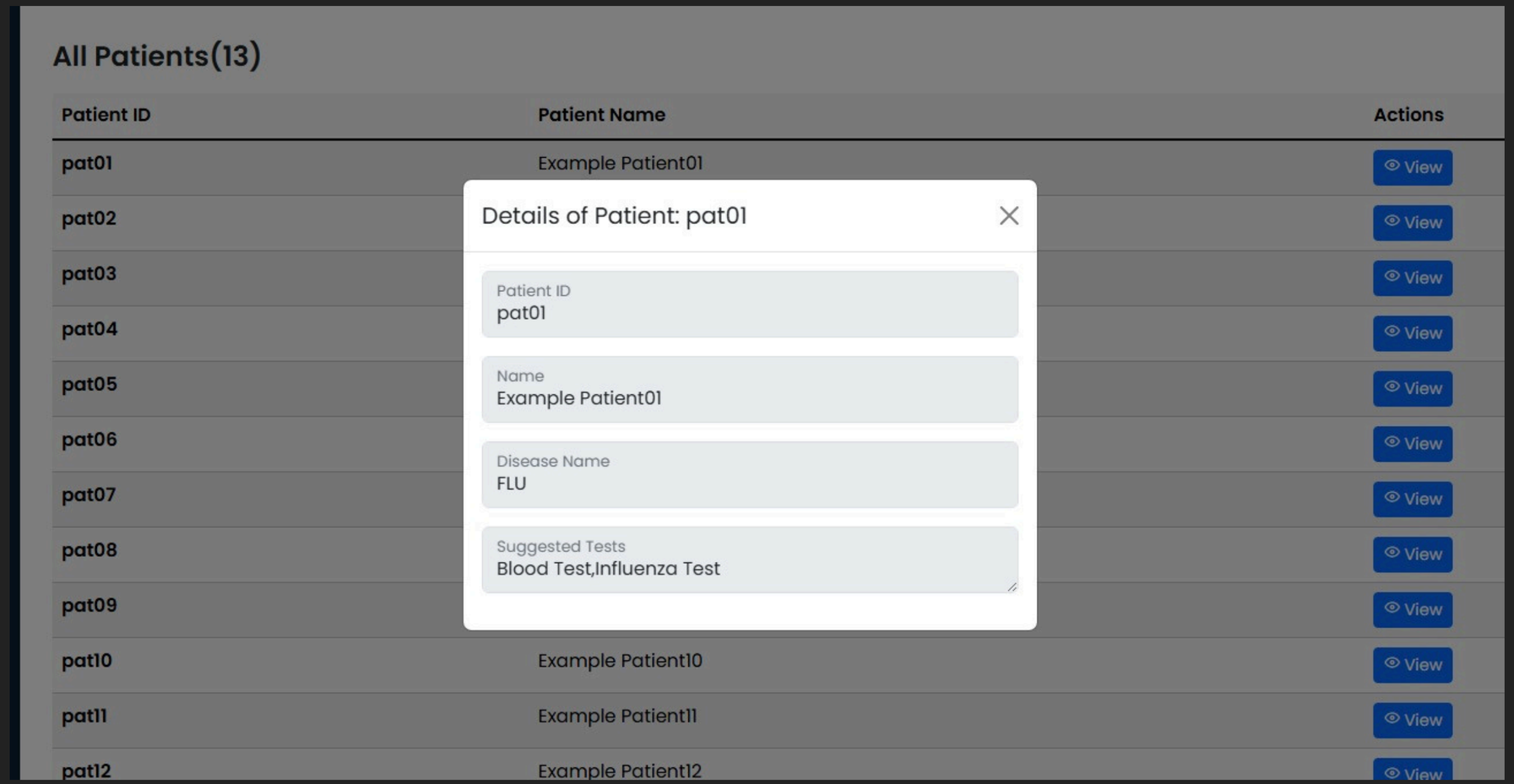
Implementation

Frontend: Doctor Appointments page



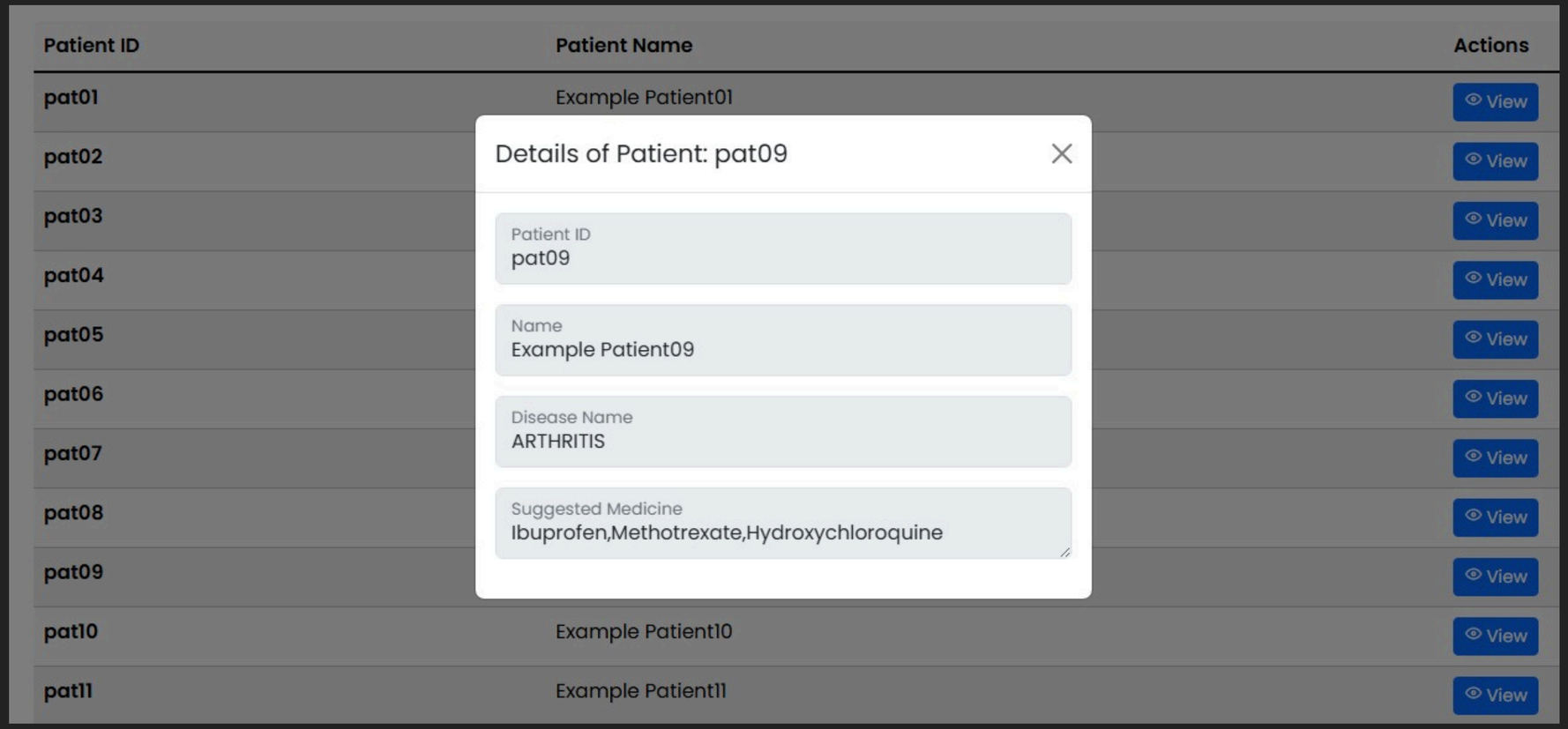
Implementation

Frontend: Suggested test according to disease



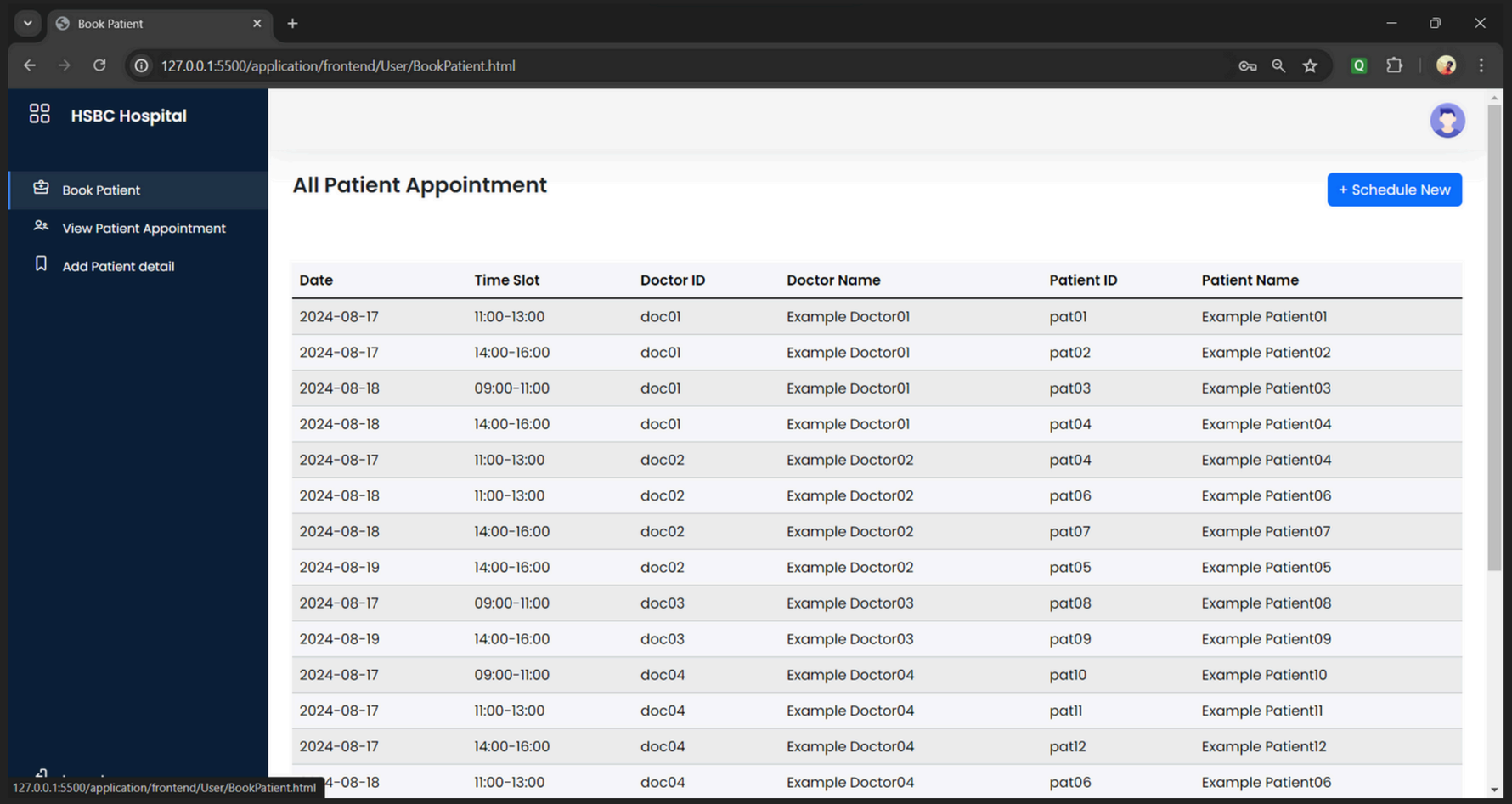
Implementation

Frontend: Suggested medicine according to disease



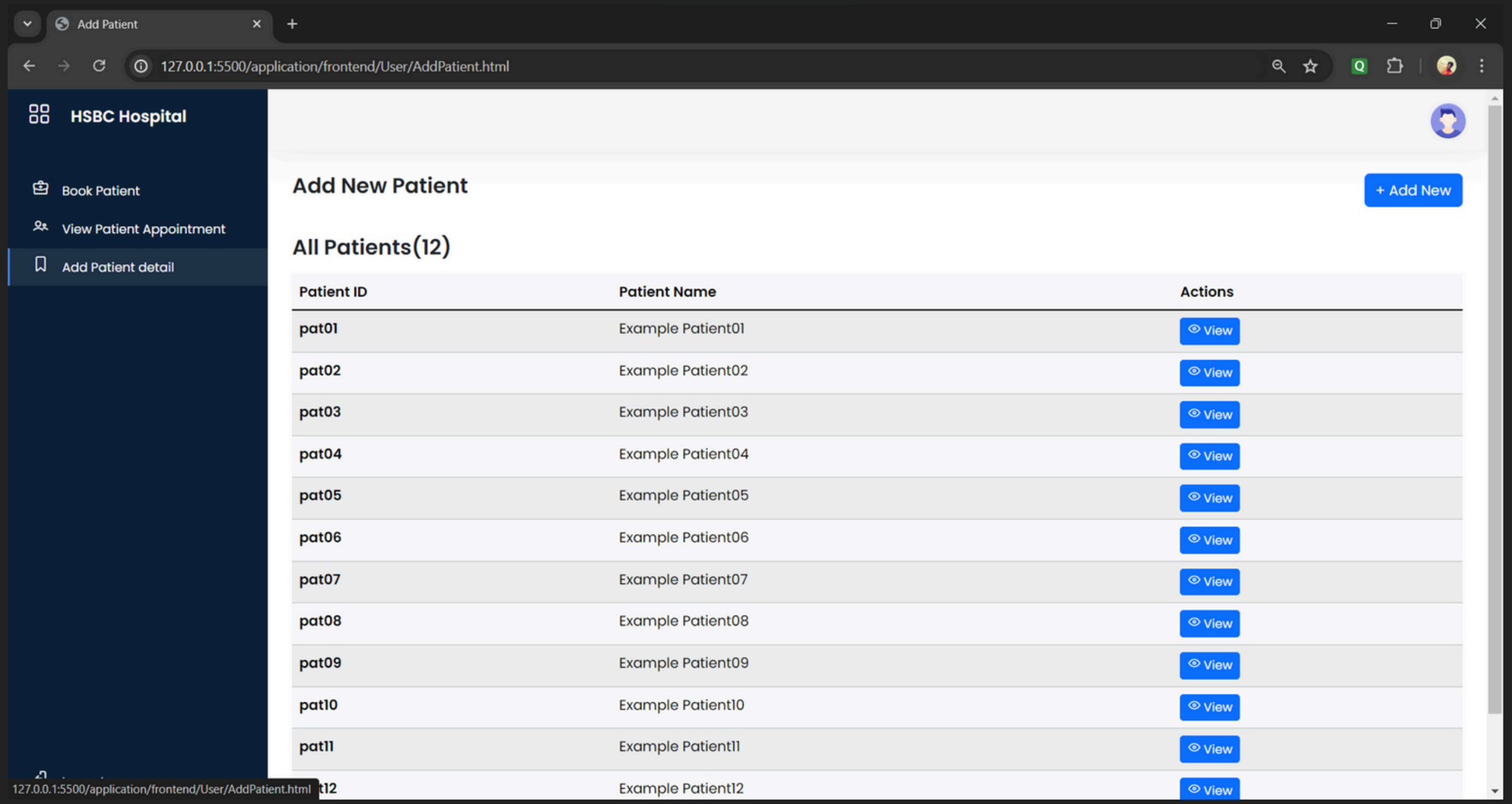
Implementation

Frontend: User: all patient appointments



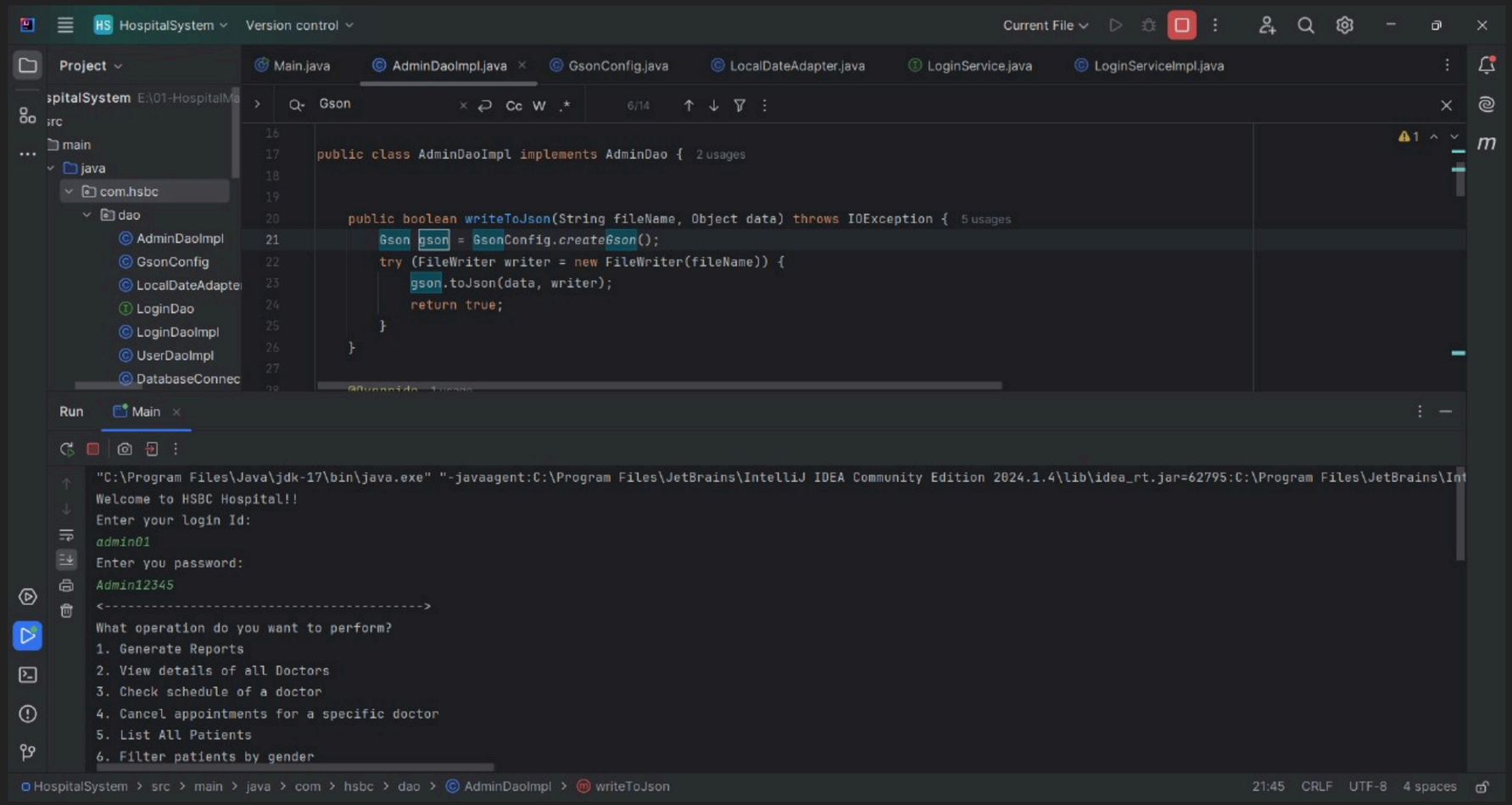
Implementation

Frontend: User: add new patient



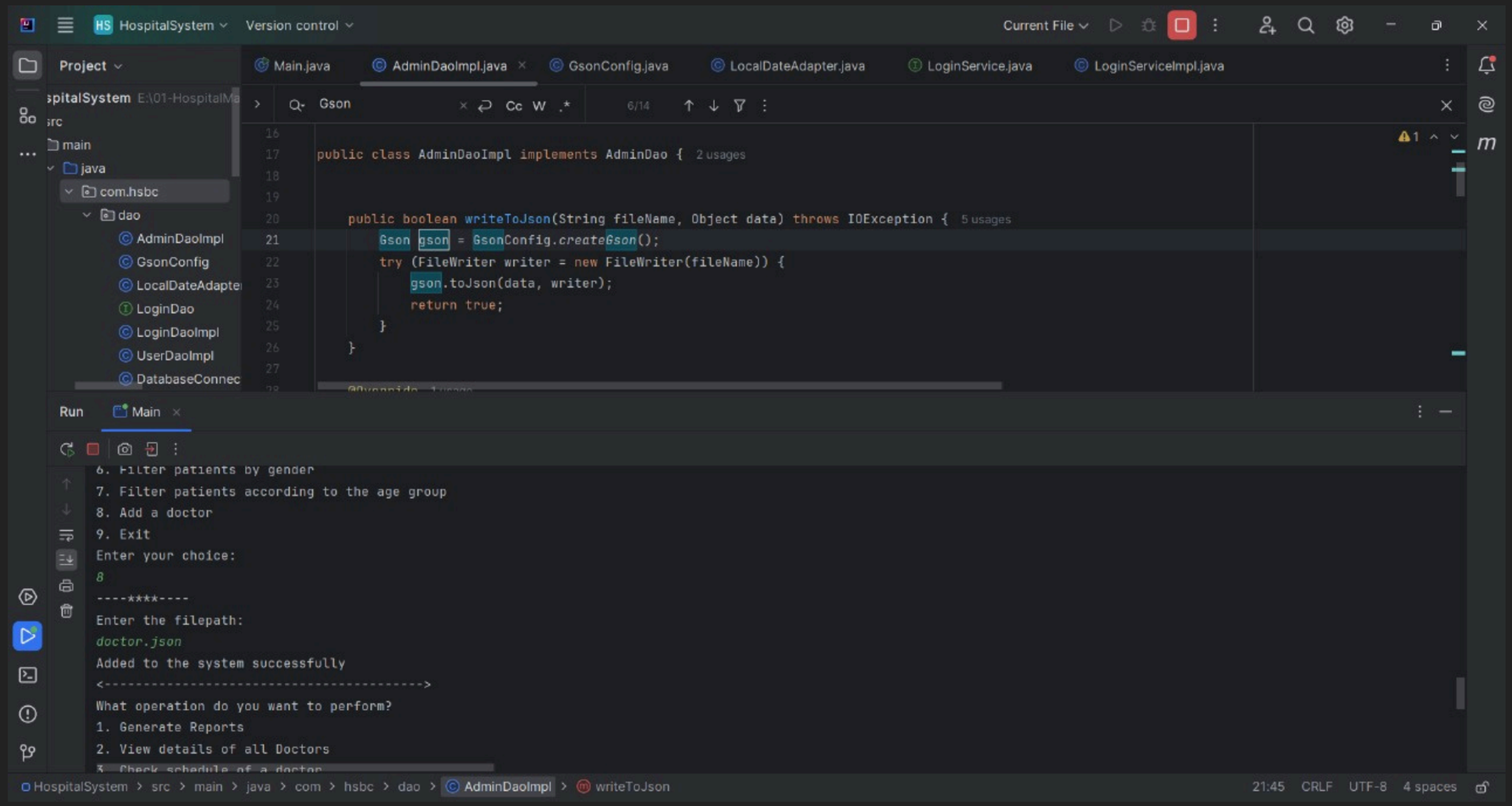
Implementation

Backend: Admin functionalities



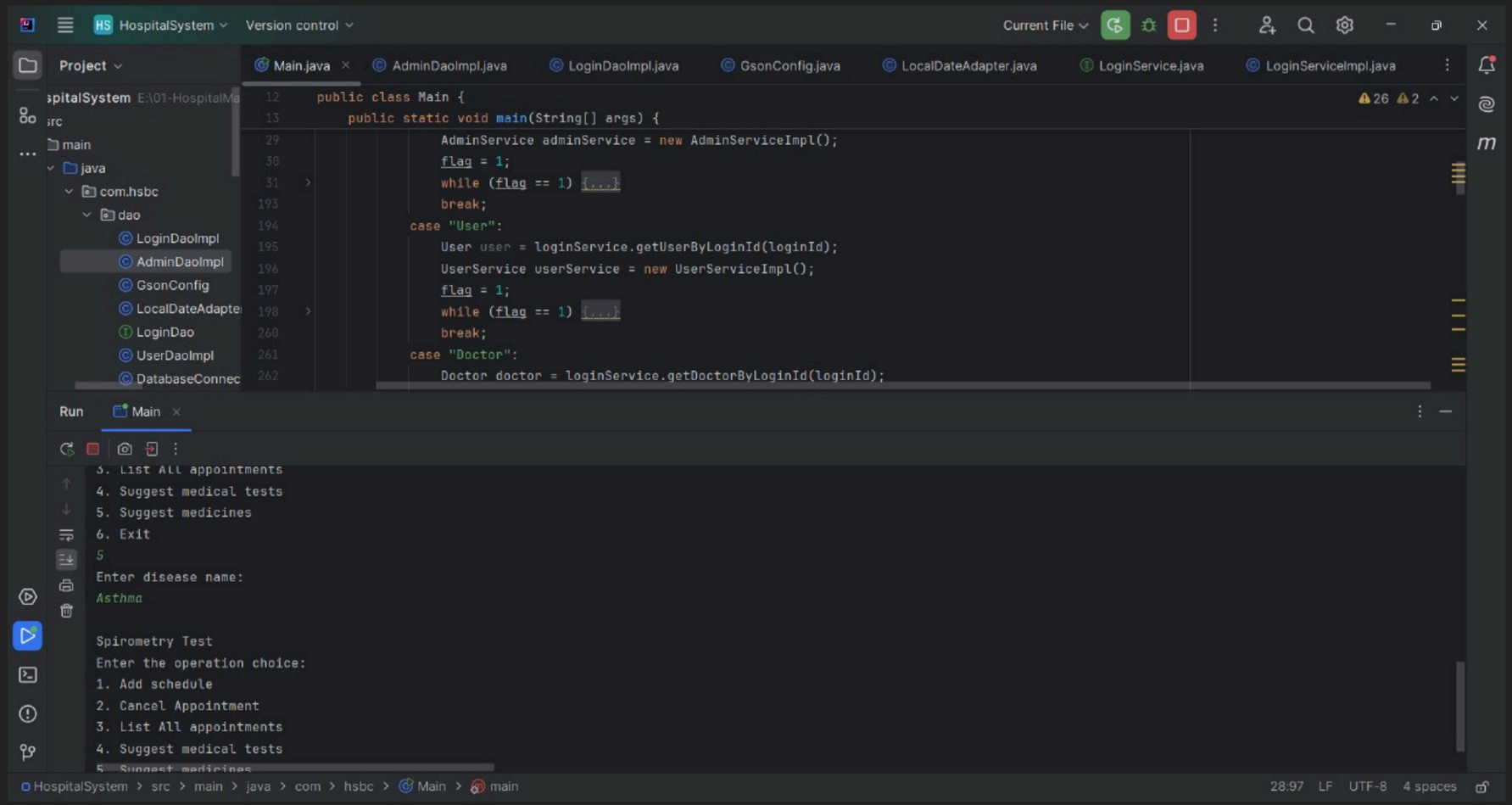
Implementation

Backend: Importing doctor from json file by admin



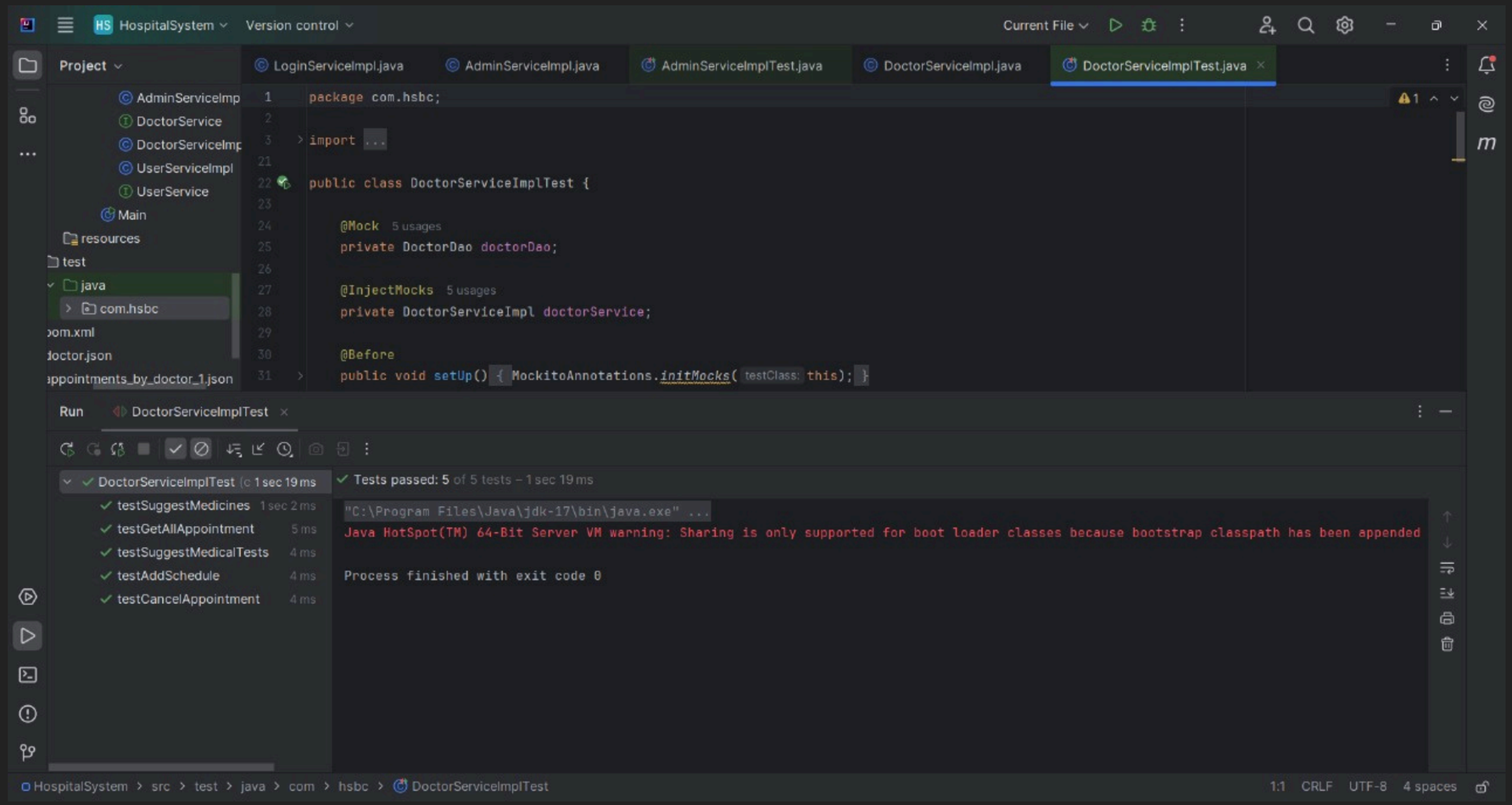
Implementation

Backend: Doctor functionalities medicines, tests



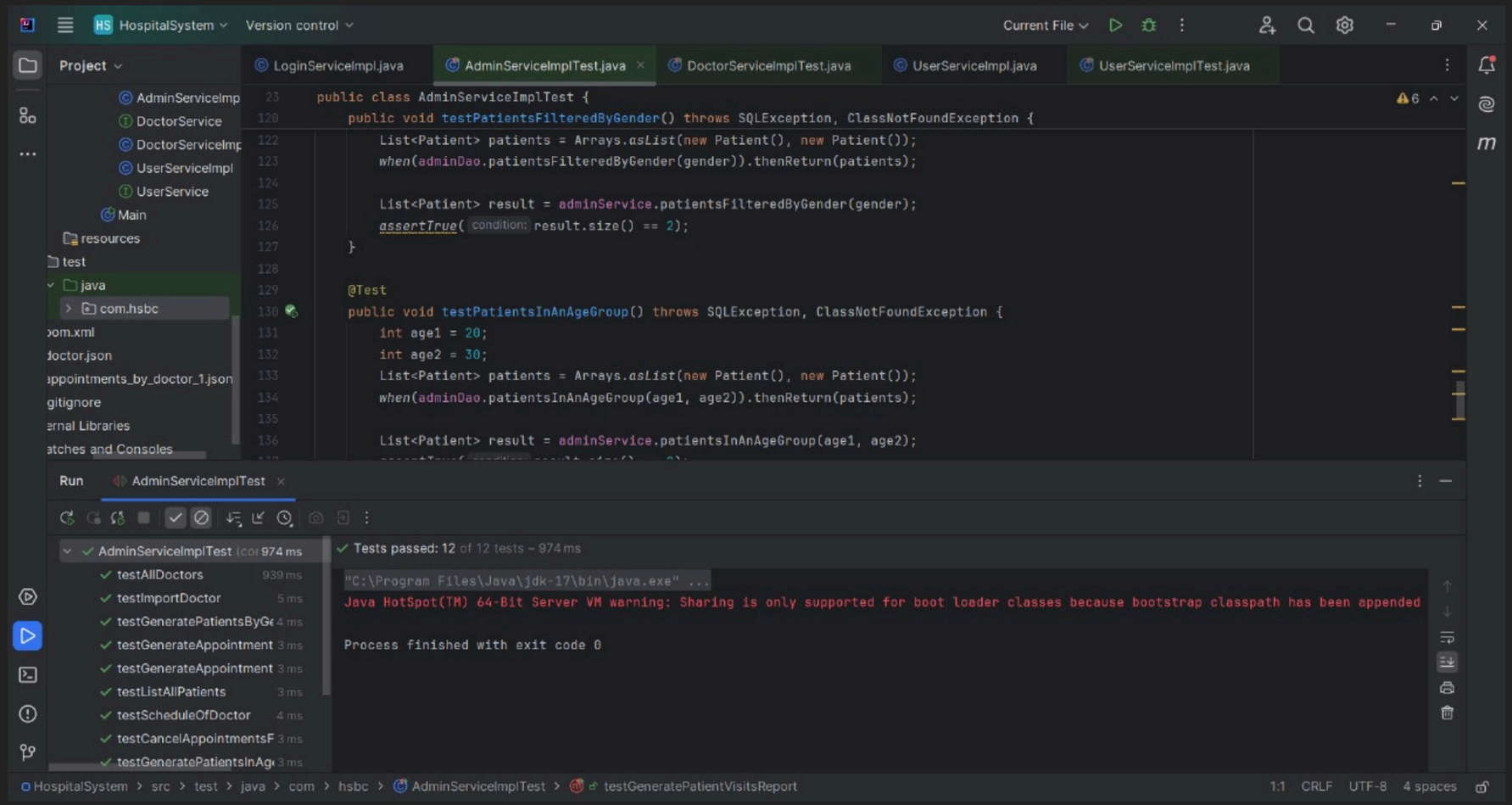
Implementation

Backend: Testcases for login & doctor service



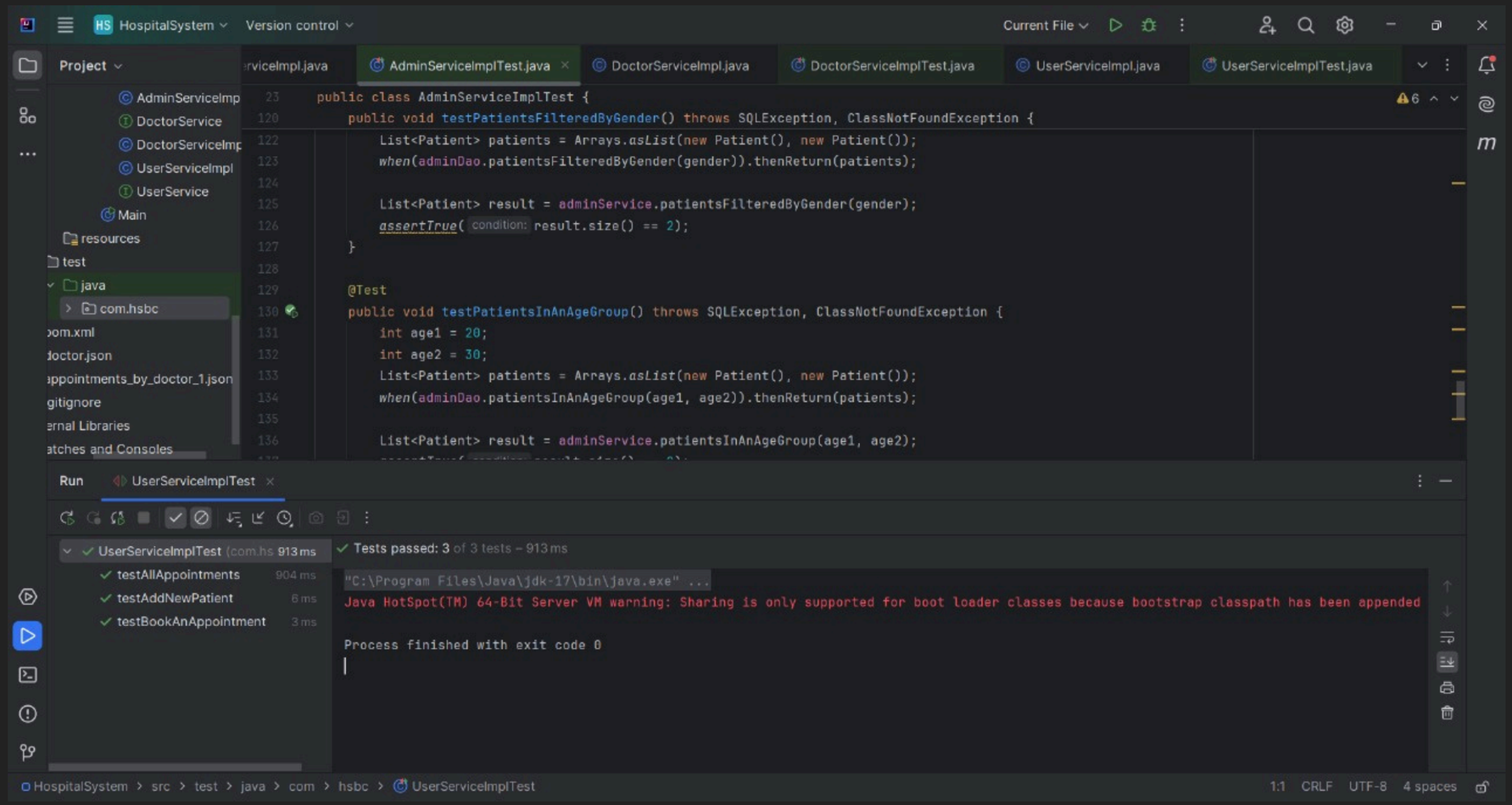
Implementation

Backend: Testcases for user & admin service



Implementation

Backend: Testcases for user & admin service



Conclusion

Summary of Achievements:

- Successfully integrated patient management, scheduling, doctor management, admin controls, and reporting.
- Achieved goals of enhancing efficiency, reducing errors, and improving patient care.

Future Enhancements:

- Advanced analytics, mobile access, system integration, and personalized care features.

THANK YOU