

USE CASE SCENARIO

In this project, you will design and build a fully functional web-based doctor appointment system.

The intended audience includes all stakeholders in the potential system. These include, but are not necessarily limited to, the following: Administrative Staff, doctors, patients and developers.

- Customers
 - book doctor's appointments anywhere globally; this can be done via the web browser.
 - Payment is made after the appointment.
- Doctors
 - register to this system,
 - view appointments and
 - determine available times for appointments, making them more convenient for patients.
- Administrators also have
 - access to the website and
 - change the information of the website and
 - have access to the database.

You will formally describe the system's functional and non-functional requirements, use case diagram and descriptions of each use case.

Your system will

- provide an application that enables patients to book an appointment with any available doctor.
- Doctors will be able to view their appointments and manage them properly.
- coordinate various calendars and find available time slots for appointments.
- reserve equipment and rooms for the appointment.
- alert patients in case there is an earlier available time slot.

You will test the two use cases you want in the Java Swing GUI project.

Do not forget to include your completed System Requirement and project file in your labwork file that you will send.