IMOB301 Assignment 1   Due Date 29 May 2025 By 23:59

Instructions

- You are required to work in groups of 3 to 5 people.
- Choose your own group members. No individual or pair assignments will be accepted.
- You are required to record a video of your assignment (presenting it in no more than 5 minutes) and submit a link with your submission. Also submit a zip file with your whole project including a Word document with group member names, student numbers and a working link.
- All code should be in Android using Java.
- Only one person should submit per group.

Scenario

In a learning management system project, you are required to create some functionality, including CRUD operations. You have been tasked to develop an application which manages student tasks. An instructor should be a to add tasks for students. A task should have a taskID, taskName, dueDate, and a module where the test is for. A module should have a moduleID, moduleName, and the duration for the module. Modules should be added by an admin. Students should also be added by the admin, and students should have a studentID, studentName, studentSurname, and the Dob. Students and instructors should be able to sign into the system to access different functionalities.

Functionality for students include:

- Access tasks created by the instructor.
- Indicate whether the tasks are completed or not.

Functionality for the instructor includes:

- Creating tasks for students.

Functionality for admins include:

- Creating students' records.
- Creating module records.
- Creating instructor records.

You are required to implement a **login activity** to control access between the different roles (admin, instructor, and a student) and use a navigation activity to group the different activities for a specific user role. Each functionality in the program should have its own activity.