If I have left out anything please remind me. I am going to categorize according to wireframes of what each role can see and the link. Let us start with administrator and build AdminRepository, AdminService, AdminServiceImpl.

Administrator

/managestudents

Add student

View table of stuid,stuLastName,stuFirstName,stuEnrollDate

Able to Edit and Delete each row of student in the view table, deleting them from the database.

/managelecturers

Add lecturer

View table of lecturerId,lecurerName,lecturerTitle,lecturerEmail

Able to Edit and Delete each row of lecturer in the view table, deleting them from the database.

/managecourse

Add course

Viewtable of courseId, courseStartDate, courseEndDate, courseTotalCount, courseTotalSize, Coursecredit, CourseDescription, CourseSchedule.

Able to Edit and Delete each row of course in the view table, deleting them from the database.

/manageenrolment

Add student to course. enrollStatus changes to 1 in studentcourse.

Remove student from course. enrollStatus changes to 0 in studentcourse.

Add lecturer to course.