1. Student:
  1.1. View available courses with associated information.
    Tasks:
      Backend:
        ▪ Create an SQL query to query the course information.
            Priority: 10
            Completion Time: 1 week
            Team Member: Naif

      Frontend:
        ▪ Create a Web page **(Student**: **Enrolment)** with a list of available courses that students are allowed to enroll in with associated information with a link to the **(Student Courses Plan)** page.
            Priority: 10
            Completion Time: 1 week
            Team Member: Kristina
  1.2. I would like the ability to drop and enroll in courses.
    Tasks:
      Backend:
        ▪ Create an SQL query to drop selected courses.
            Priority: 10
            Completion Time: 1 week
            Team Member: Naif
        ▪ Create an SQL query to add selected courses.
            Priority: 10
            Completion Time: 1 week
            Team Member: Naif

      Frontend:
        ▪ Create Two buttons (Add) (drop)
            Priority: 10
            Completion Time: 1 week
            Team Member: Kristina
  1.3. Show me a course plan and how my current course will affect my future enrollment.
    Tasks:
      Backend:
        ▪ Create an **SQL query** to query the course plan.
            Priority: 10
            Completion Time: 1 week
            Team Member: Muneer
        ▪ Create an **SQL query** to query the possible future course plan.
            Priority: 10
            Completion Time: 1 week
            Team Member: Muneer

      Frontend:
        ▪ Create a Web page **(Student**: **Courses Plan)** with the student's courses plan
            Priority: 10
            Completion Time: 1 week
            Team Member: Kristina
        ▪ Create a Web page **(Student**: **future Courses Plan)** with the student's courses plan
            Priority: 10
            Completion Time: 1 week
            Team Member: Kristina
  1.4. I would like to be able to print my timetable.
    Tasks:
      Backend:
        ▪ Create an SQL query to query student time my timetable.

Priority: 10
Completion Time: 1 week
Team Member: Naif

Frontend:
- Create a print button.
    Priority: 10
    Completion Time: 1 week
    Team Member: Kristina

2. Lecturer:
  2.1. I would like to be able to print my timetable.
  Tasks:
  Backend:
  - Create an SQL query to query the lecturer timetable.
      Priority: 10
      Completion Time: 1 week
      Team Member: Naif

  Frontend:
  - Create a Web page **(Lecturer: Timetable)** with a print button.
      Priority: 10
      Completion Time: 1 week
      Team Member: Des

  2.2 I would like to be able to print student lists.
  Tasks:
  Backend:
  - Create an SQL query to query semester.
      Priority: 10
      Completion Time: 1 week
      Team Member: Naif
  - Create an SQL query to query the selected course student list.
      Priority: 10
      Completion Time: 1 week
      Team Member: Naif

  Frontend:
  - Create a Web page **(Lecturer: Student Lists)** with a print button and two drop-downs (semester) (list of courses).
      Priority: 10
      Completion Time: 1 week
      Team Member: Naif

3. Registration Staff Member:
  3.1. I would like to see all enrolled students in each course and the course information.
  Tasks:
  Backend:
  - Create an SQL query to query the course information (location, time, teacher, and student count).
      Priority: 10
      Completion Time: 1 week
      Team Member: Naif

  Frontend:
  - Create a Web page **(Staff: Course Information)** with a print button.
      Priority: 10
      Completion Time: 1 week
      Team Member: Naif

  3.2 I would like the ability to enroll or drop students in courses.
  Tasks:
  Backend:
  - Create an SQL query to select a student by id.
      Priority: 10

Completion Time: 1 week

Team Member: Muneer

- Create an SQL query to select a student's available course.

  Priority: 10

  Completion Time: 1 week

  Team Member: Muneer

- Create an SQL query to enroll a selected student in a course.

  Priority: 10

  Completion Time: 1 week

  Team Member: Muneer

- Create an SQL query to drop a selected student in a course.

  Priority: 10

  Completion Time: 1 week

  Team Member: Muneer

Frontend:

- Create a Web page **(Staff: Student Enrolment)** with a enroll button, drop button, search button, ID text box, and drop-downs (semester) (list of courses).

  Priority: 10

  Completion Time: 1 week

  Team Member: Kristina

3.3. I want to see all enrolled students in each course and the course information.

Tasks:

Backend:

- Create an SQL query to query the course information (location, time, lecturer, and student count).

  Priority: 10

  Completion Time: 1 week

  Team Member: Muneer

Frontend:

- Create a Web page **(Staff: Course Information)** with a print button.

  Priority: 10

  Completion Time: 1 week

  Team Member: Des

3.4. I want to be able to change the (location, time, and lecturer).

Tasks:

Backend:

- Create an SQL query to query the course information (location, time, lecturer, and student count).

  Priority: 10

  Completion Time: 1 week

  Team Member: Des

- Create an SQL query to update the course information (location, time, lecturer)

  Priority: 10

  Completion Time: 1 week

  Team Member: Des

Frontend:

- Create a Web page **(Staff: Edit Course)** with four drop-downs (semester, location, time, and lecturer) and an update button.

  Priority: 10

  Completion Time: 1 week

  Team Member: Des

3.5. I want to be able to find which students who did not enroll in any course and under a certain enrolment limit

Tasks:

Backend:

- Create an SQL query to query students who did not enroll in any courses for the semester.

  Priority: 10

Completion Time: 1 week

Team Member: Des

- Create an SQL query to query students who enrolled in courses with certain credits.

  Priority: 10

  Completion Time: 1 week

  Team Member: Des

Frontend:

- Create a Web page **(Staff: Student Report)** with Two drop-downs (semester reports name) and two buttons (view, print).

  Priority: 10

  Completion Time: 1 week

  Team Member: Des

3.6. The ability to print reports such as student lists, timetables, locations, induvial timetables for students and teachers

Tasks:

Backend:

- Create an SQL query to query students' lists by course and semester.

  Priority: 10

  Completion Time: 1 week

  Team Member: Muneer

- Create an SQL query to query timetable.

  Priority: 10

  Completion Time: 1 week

  Team Member: Muneer

- Create an SQL query to query students' induvial timetables by semester.

  Priority: 10

  Completion Time: 1 week

  Team Member: Des

- Create an SQL query to query locations by semester.

  Priority: 10

  Completion Time: 1 week

  Team Member: Des

Frontend:

- Edite **(Staff: Student Report)** a web page, add a student ID text box and search.

  Priority: 10

  Completion Time: 1 week

  Team Member: Kristina

4. Registration Manager:

4.1. the Student Enrollment System must not have any time conflict on locations, courses, students, and teachers and does not allow staff to do so.

Tasks:

Backend:

- Create an SQL query to check for time conflicts on locations, courses, students

  Priority: 10

  Completion Time: 1 week

  Team Member: Naif

Frontend:

- Create a Web page **(Manager: Course's Time Conflict)** with a check button.

  Priority: 10

  Completion Time: 1 week

  Team Member: Muneer

4.2. the ability to print reports and statistics by semester and compare numbers between semesters about (count of students enrolled in specific courses compared to other semesters, how many new students enrolled for each semester, and withdraws and dropouts).

Tasks:

Backend:

- Create an SQL query to query students' counts (enrolled, withdraws, dropouts) by semester

Priority: 10
Completion Time: 1 week
Team Member: Des

- Create an SQL query to query students' counts by semester and compare numbers between previous semesters.

  Priority: 10
  Completion Time: 1 week
  Team Member: Naif

- Create an SQL query to query student count in specific courses compared to other semesters

  Priority: 10
  Completion Time: 1 week
  Team Member: Muneer

Frontend:

- Create a Web page **(Manager: Report)** with three drop-downs (report name, semester, previous semester) and two buttons (view and print).

  Priority: 10
  Completion Time: 1 week
  Team Member: Kristina

4.3. The system must incorporate the organization calendar, such as when registration starts.

Tasks:

Backend:

- Create an SQL query to update the calendar by semester.

  Priority: 10
  Completion Time: 1 week
  Team Member: Kristina

Frontend:

- Create a Web page **(Manager: Calendar)** with drop-downs (semester) and two buttons (update and print).

  Priority: 10
  Completion Time: 1 week
  Team Member: Kristina

5. Head Official:

5.1. The system must be secured, and each user has a username and password.

Tasks:

Backend:

- Create an SQL query to authenticate users and roles.

  Priority: 10
  Completion Time: 1 week
  Team Member: Kristina

Frontend:

- Create a Web page **(Main: login page)** with a check button.

  Priority: 10
  Completion Time: 1 week
  Team Member: Kristina