King Fahd University of Petroleum & Minerals
College of Computing and Mathematics
Information and Computer Science Department
SWE 206: Introduction to Software Engineering (2-3-3)
Second Semester 2023-2024 (232)
Lab04: Use Case Modeling

Objectives:

To gain experience with:

- Design a basic use case diagram.
- Use Case tools to document the use case diagram

Topic: Creation of use case diagram (UCD) for University course registration system.

Tasks:

Work in teams of 3-4 students.

1. Derive the Registration System actors.
2. Derive the Registration System use cases.
3. Explore and document the relationships between the actors and use cases.
4. Draw the use case diagram using the software tool (Lucidchart, Enterprise Architect, diagrams.net etc.).
5. Submit **one single PDF** file (in BlackBoard) that has the following structure:
    a. Cover page has the course name, lab number, lab topic, your section, students' names, and IDs.
    b. Page listing each student contributions in tasks and percentages.
    c. The UML use case diagram.