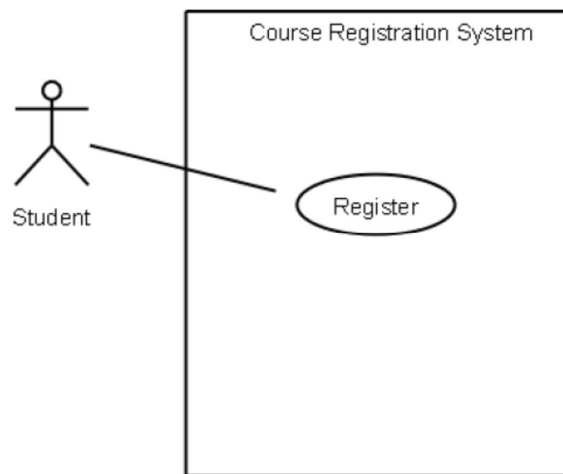


IT632: Software Engineering

Lab Session III: Use Case Modeling

Q.1. An academic institute is in a process of installing a login-authenticated Course Registration System for the various undergraduate programs run by the various departments of the institute. The system is administered by a course coordinator who should be a faculty of some department. Before the start of a semester, the faculties of different departments offer various courses that they intend to undertake along with credits, prerequisites, and the (preferred) weekly schedules. At some specified duration, the students of the institute, depending on the credit requirements and interest, register for these courses. After the deadline, the course registration process is ended by the course coordinator, and various reports along with time tables are generated for the semester.



An incomplete use case diagram for the system is given above. Complete the model.

Q.2. The following figure contains a set of different use cases and actors. Define relationships between them. Use the relationships generalize, extend and include. You should also connect the actors to the use cases.

