

Experiment – 6

Use case model for Online Course Reservation System

6.1. What is Use Case ?

6.1.A Use Case Diagram is a type of UML (Unified Modling Language) diagram that shows the users (actors) interact with a system to achieve specific goals, called use cases.use case approach is a method used in software development fields to describe how a user interacts with a system or product to achieve a specific goal, outlining the sequence of actions and potential constrains.

- **Use case Diagram:**

A. External Relationship(Actors) - Student And Admin:

1. **Student** – main user
2. **Admin** – manages the system

Use Case for **Student** :

Register/Login, Search Courses, Enroll, Pay Fees.

Use Cases for **Admin**:

Manage Courses, View Enrollments, Generate Report.

B. Include Relationship :

- 1.Enroll in Course **includes** Pay Fees
- 2.View Course Details **includes** Search Courses
- 3.Generate Report **includes** View Enrollments

