ONLINE COURSE RESERVATION SYSTEM

Submitted by

Sharmi R (185001142)

Shriya Baskaran (185001149)

Sreedhar V (185001161)

Under Supervision of
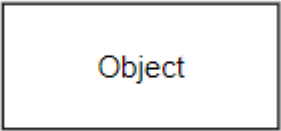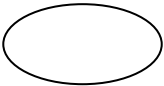
Associate Prof. Dr.V. Balasubramanian.
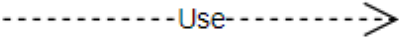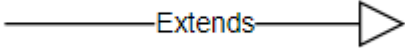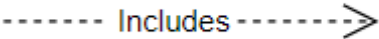
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SSN COLLEGE OF ENGINEERING

FEBRUARY 2021

Use Case Diagrams

Notations:

Symbol	Name
	Actor
Object	Object
———————	Association
	Use case
- - - - - - - - Use - - - - - - - ->	Dependency
——————Extends——————▷	Generalization
- - - - - - Includes - - - - - - >	Includes

Identification of Actors:

- Students: They are the main actors who uses the system most. They can purchase the courses, learn and earn certification.
- Tutors: They are the actor who provides the system with the quality contents for the students to learn.
- Admin: The one who manages and has control over every sub process happening in the system. They also maintain the user records and responsible for the database operations.

Identification of Scenarios:

Success Scenarios:

- A student creates an account successfully.
- The student logs into the system with his/her account.
- The student searches for an appropriate course of his/her choice and adds it to cart.
- The student enrolls to the course by purchasing the items in the cart and transactions are being handled by the billing system.
- The admin successfully adds or updates the user and course details in the database.
- The student uses the system till his/her enrolled courses are completed.
- The student earns a certificate on successful completion of the courses followed by an ID verification process.

Failure Scenarios:
- The Student does not have an account but tries to login to the system.
- The Course which the student intent to learn for is unavailable in the database.
- The Student enters wrong login credentials.

Sub-functions:

- Account creation

- Search courses
- Filtering courses
- Adding/Bookmarking the courses
- Purchasing the course
- Add/update/maintain the course database
- Maintain the user dashboard

Use case description

Scope: Online Course Reservation System

Level: User goal

Primary Actor: Student, Tutor, Admin

Stakeholders and Interest:

Instructors:

Ensures providing quality content to the learners of the system.

System:

Mainly responsible for enrollment, billing and user progress maintenance.

Admin:

Responsible for the management of online activities and modifications in the

database.

Acquisition Manager:

Authorizes the content given by the tutors.

Student:

Wants to enroll to a course in the system. Wants to earn an online course

certification.

Pre-Condition:

Student and Tutor should have registered with the Online Course Reservation

System. They should have a separate user id and password to login.

Post-Condition:

Student completes the course. Tutor provides the course content to the system.

Main Success Scenario:

- The student visits the website to access the Online Courses Reservation System.
- The student logs into the system with his/her account.
- The student continues his/her learning process of the enrolled courses or enrolls to new courses.
- The admin successfully adds or updates the user and course details in the database.
- The student will logout from the System.

Specific requirements:

The time to complete the course should be flexible.

UML USE CASE MODEL