

CIS417- System Analysis and Design

Online Learning Management System

Milestone 3

Name	ID
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
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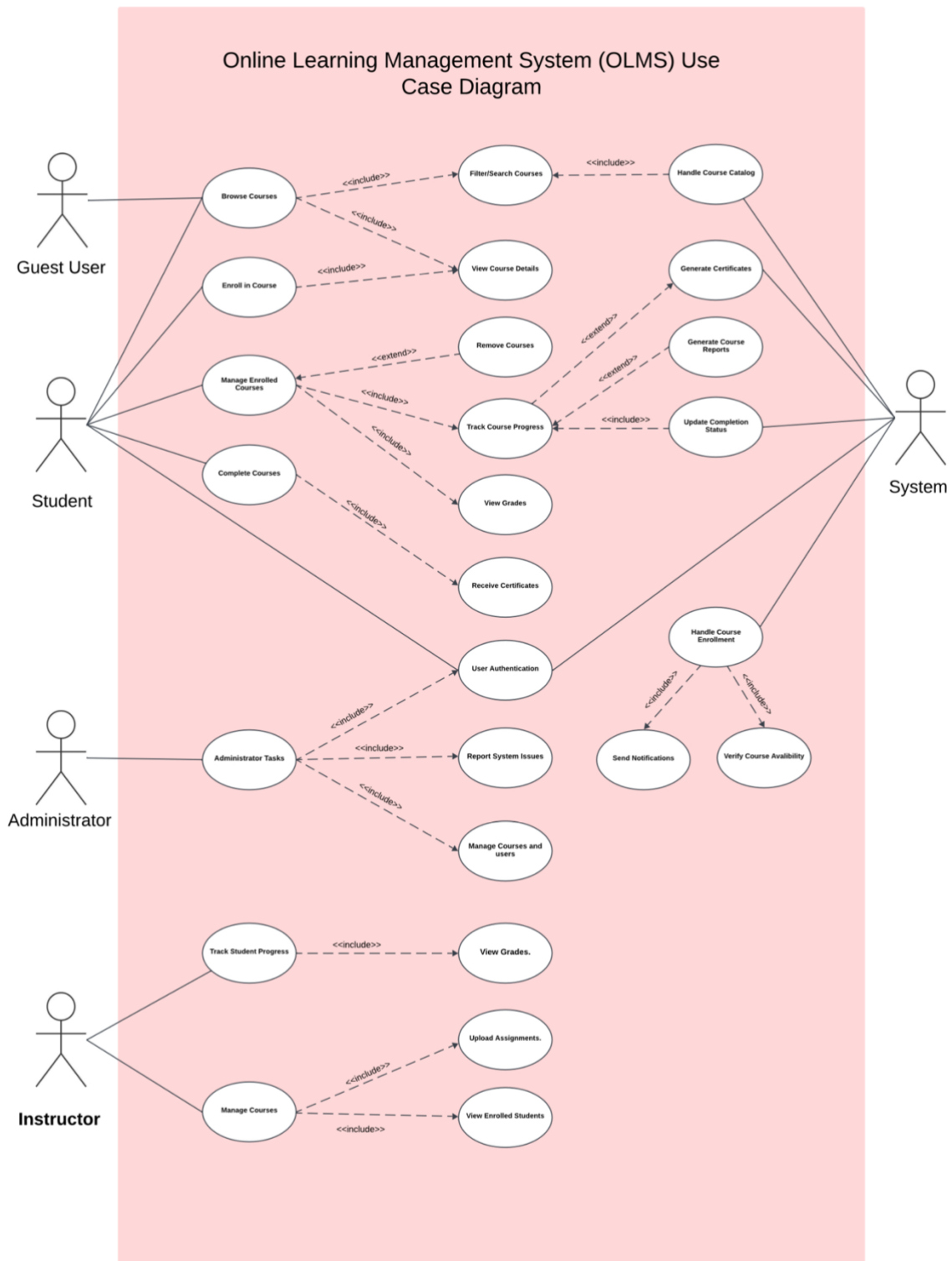
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Use Case diagram



Use case description

Use case Brows Courses

Name: Brows Courses

Actor: guest user, student

Description: allows the user to explore available courses in the system,users can filter or search for specific courses based on their preferences.

Successful completion: the system displays a list of courses matching the user search.

Alternative:

- 1- no course matches the searched course.
- 2- the user encounters a technical issue ,and the system displays an error message.

Precondition:

- 1- the system is online and accessible.
- 2- the course catalog has data available.

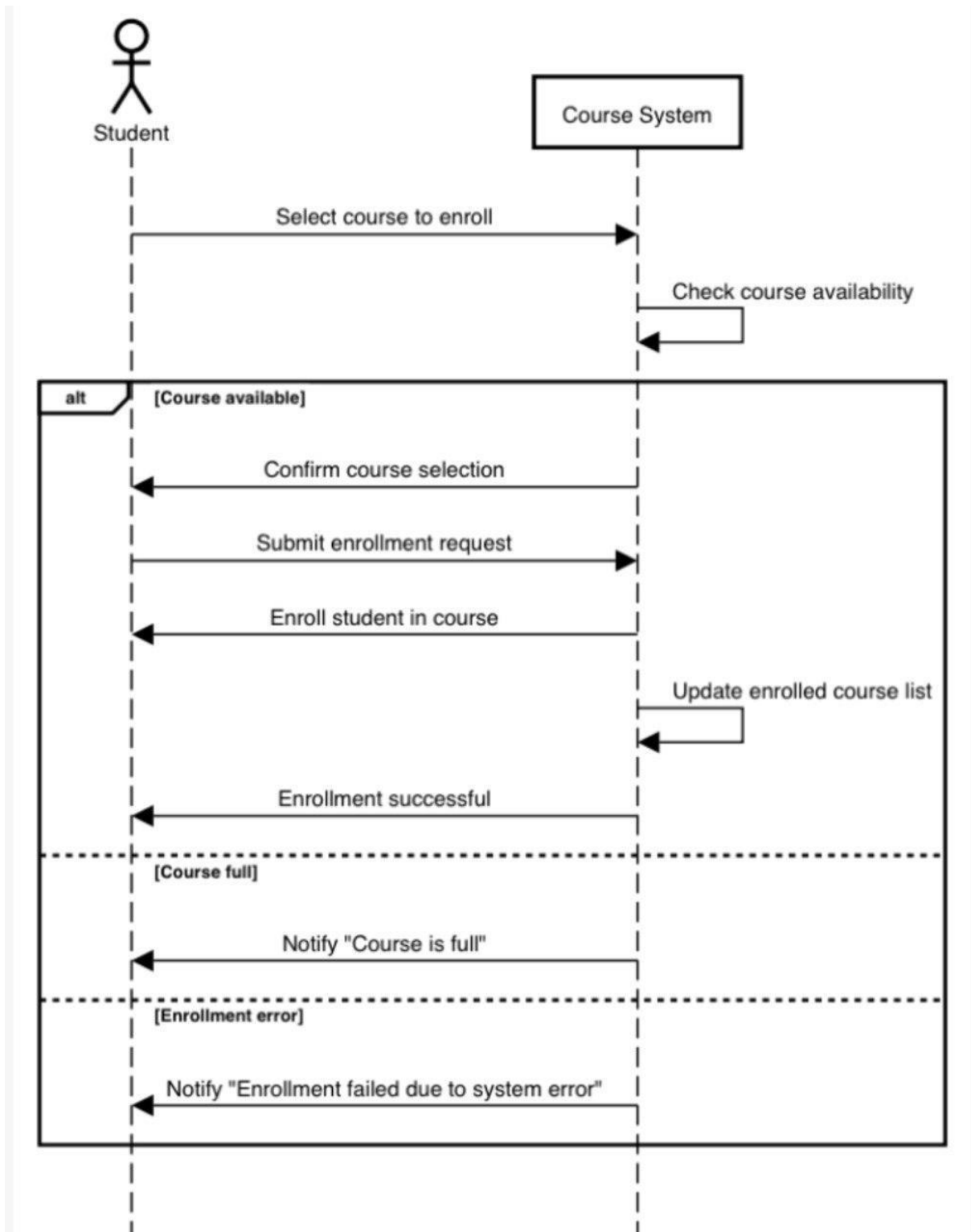
Postcondition:the user successfully views available courses.

Assumptions:non

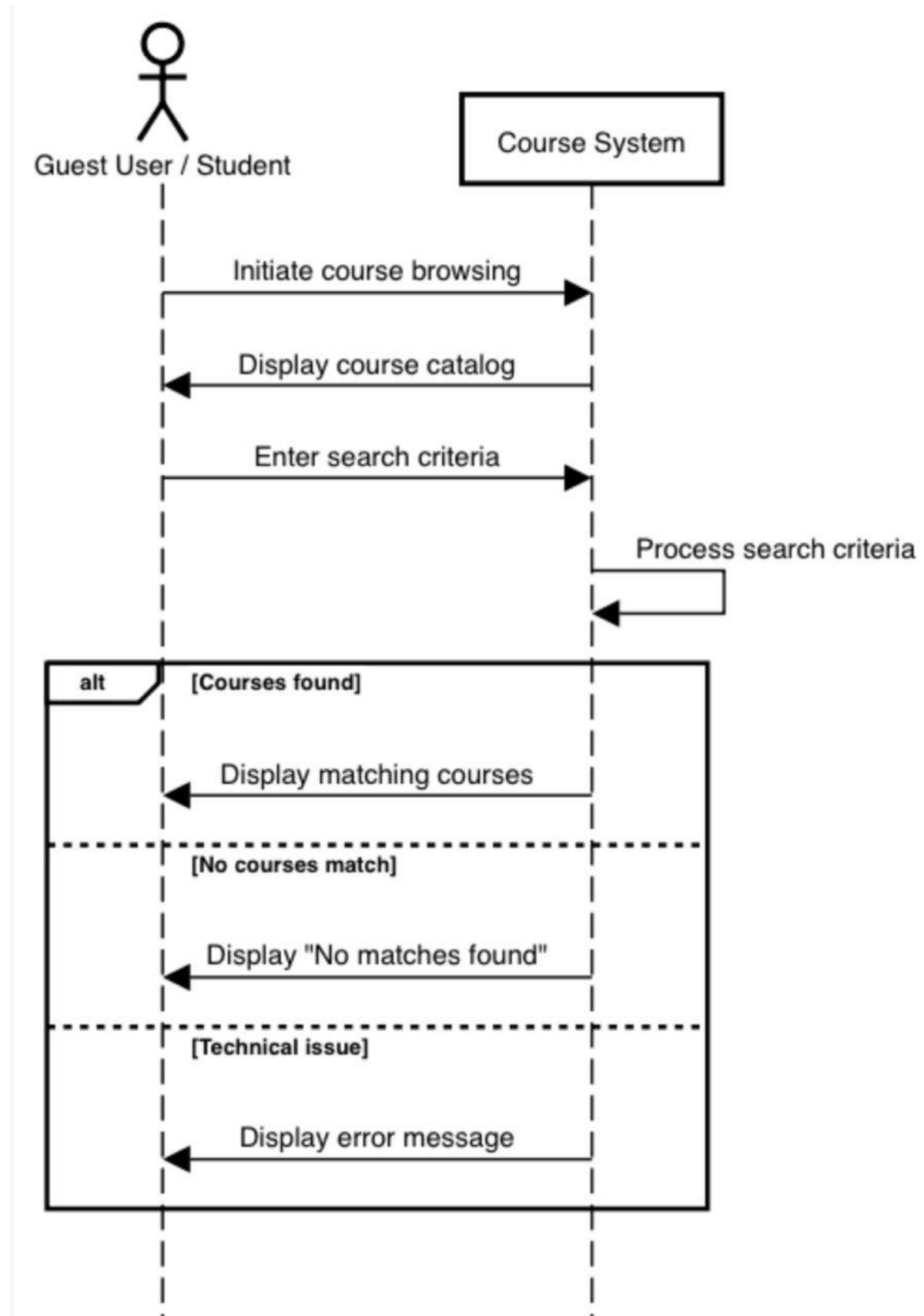
Use case Enrol in Course**Name:** enrol in course**Actor:** student**Description:** a registered student selects a course and enrolls in it.**Successful completion:** the student is successfully enrolled in the selected course, and the system updates the enrolled course list.**Alternative:****1-** the course is full and the system notifies the student of unavailability.**2-** the enrolment fails due to system error.**Precondition:****1-** the student is authenticated**2-** the course is available for enrolment**Postcondition:****The student is enrolled and the course list is updated.****Assumptions:**non

Sequence Diagram

Sequence diagram for enrolling in a course:

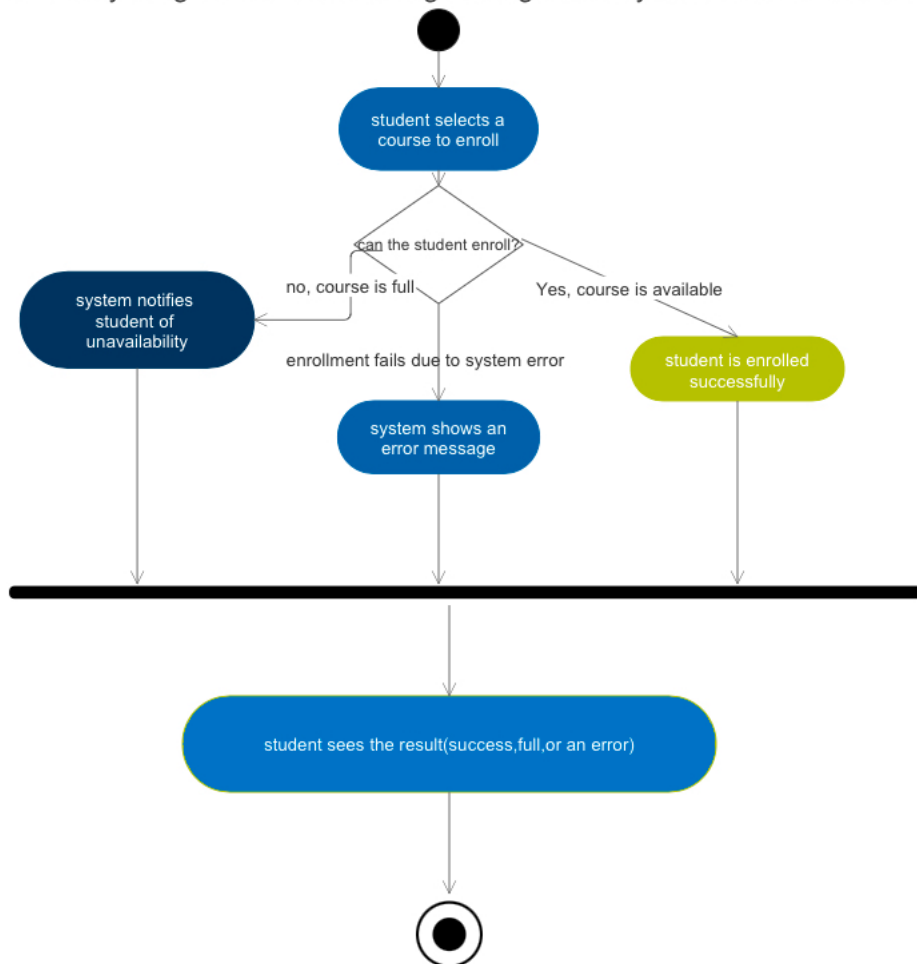


Sequence diagram for browsing courses:



Activity Diagram

UML Activity Diagram: online learning management system enroll in course



UML Activity Diagram: online learning management system browse course

