Assignment No. 02

Course title: Object Oriented Analysis and Design

Course code: CSE-314

3rd Year 1st Semester Examination 2023

Date of Submission: 09-Sep-2024



Submitted to-

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Sl	Class Roll	Exam Roll	Name
01	383	210903	Abdullah Nazmus-Sakib

1. Teacher Actions:

• Logs in, selects a class, marks attendance, and submits it.

2. Student Actions:

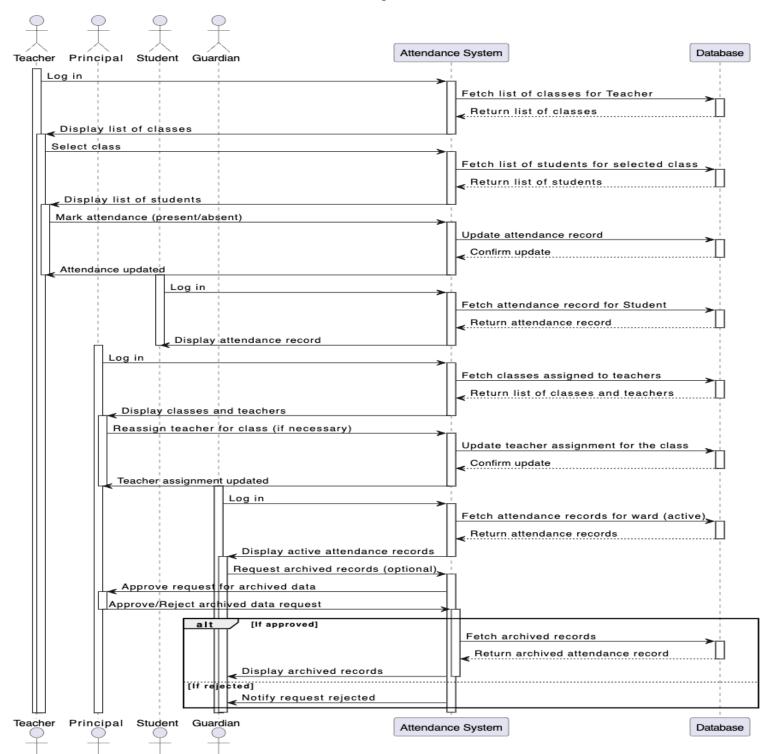
• Logs in and checks attendance records.

3. Principal Actions:

• Reassigns teachers, when necessary, approves requests for archived attendance.

4. Guardian Actions:

• Views active attendance and requests archived attendance data.



1. Instructor Actions:

- Notifies students about the exam date and material.
- •Prepares the exam paper and sample solutions.
 - Ensures the exam is copied and distributed to students on the designated date.

2. Student Actions:

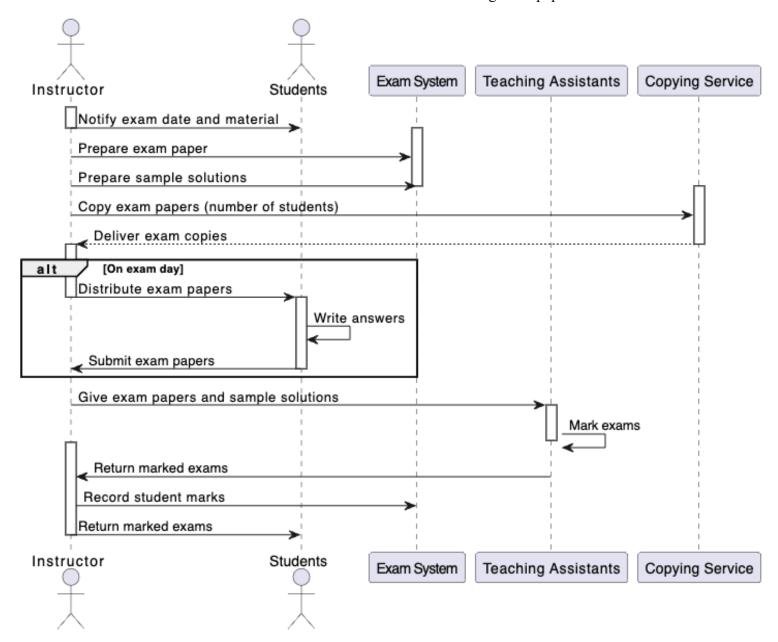
- Receives the exam notification.
- Writes answers during the exam and submits their papers.

3. Teaching Assistant (TA) Actions:

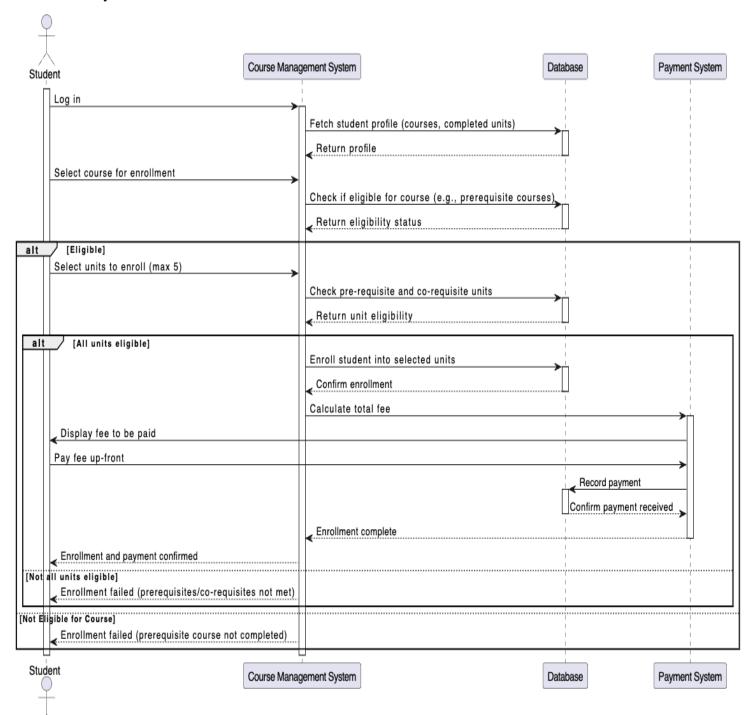
- Receives the exam papers and sample solutions from the instructor.
- Marks the exams and returns them to the instructor.

4. Marking and Returning:

• The instructor records the marks and returns the graded papers to the students.



- 1. **Student logs in** to the Course Management System (CMS) to enroll in a course.
- 2. **CMS checks** the student's profile to ensure they meet course eligibility requirements (e.g., previous course completions).
- 3. **If eligible**, the student selects up to 5 units for the semester, and the system checks for pre-requisites and co-requisites.
- 4. If all conditions are met, the student is **enrolled in the selected units**, and the total fee is calculated.
- 5. The student **pays the full fee up-front**, and the payment is confirmed.
- 6. If any pre-requisite or co-requisite conditions are not met, the enrollment fails, and the system notifies the student.



1. Customer Actions:

- Browses and adds items to the shopping cart, and optionally removes items.
- Proceeds to checkout, reviews the order, selects a payment method, and makes a payment.

2. Payment Process:

• The payment gateway confirms the payment, and the system records the payment in the database.

3. Sales Employee Actions:

- Receives the order and purchase confirmation.
- Sends the electronic order to the warehouse.

4. Warehouse Actions:

• The warehouse employee updates the order status in the system.

5. Customer Checks Order Status:

• The customer can check the order status at any time, and the system retrieves the latest status from the database.

