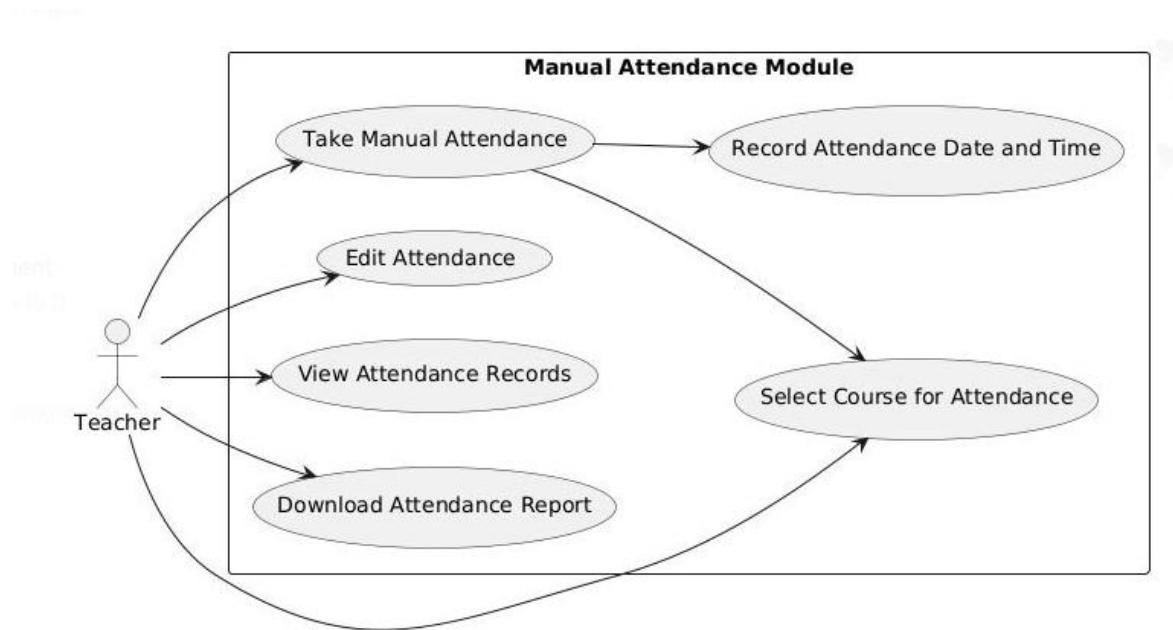


MUHAMMAD HAMMAD ALI ASIF



# FULLY DRESSED SCENERIO:

## Use Case Name: Take Manual Attendance

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### Scenario:

A teacher manually records student attendance for a selected course.

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### Triggering Event:

The teacher initiates the attendance process by selecting the "Take Manual Attendance" option in the system.

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### Brief Description:

This use case allows a teacher to take attendance for a selected course by marking student presence or absence. The attendance date and time are recorded automatically. The teacher can later view, edit, or download attendance records.

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## Actors:

- **Primary Actor:** Teacher
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## Related Use Cases:

- **Record Attendance Date and Time** (Included)
  - **Select Course for Attendance** (Included)
  - **Edit Attendance**
  - **View Attendance Records**
  - **Download Attendance Report**
- 

## Stakeholders and Interests:

- **Teacher:** Wants an easy and reliable way to take and manage attendance.
  - **School Administration:** Requires accurate attendance data for monitoring and reporting.
  - **Students:** Affected by the accuracy of recorded attendance.
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## Preconditions:

- The teacher must be logged into the system.
  - Courses must already be assigned to the teacher.
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## Postconditions:

- Attendance for the selected course is recorded with date and time.
  - The data is stored in the attendance record database.
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## Flow of Activities:

### Actor Actions (Teacher):

1. Logs into the system.
2. Navigates to the **Manual Attendance Module**.

3. Clicks **Take Manual Attendance**.
4. Selects a course from the list.
5. Marks each student as present or absent.
6. Submits the attendance.

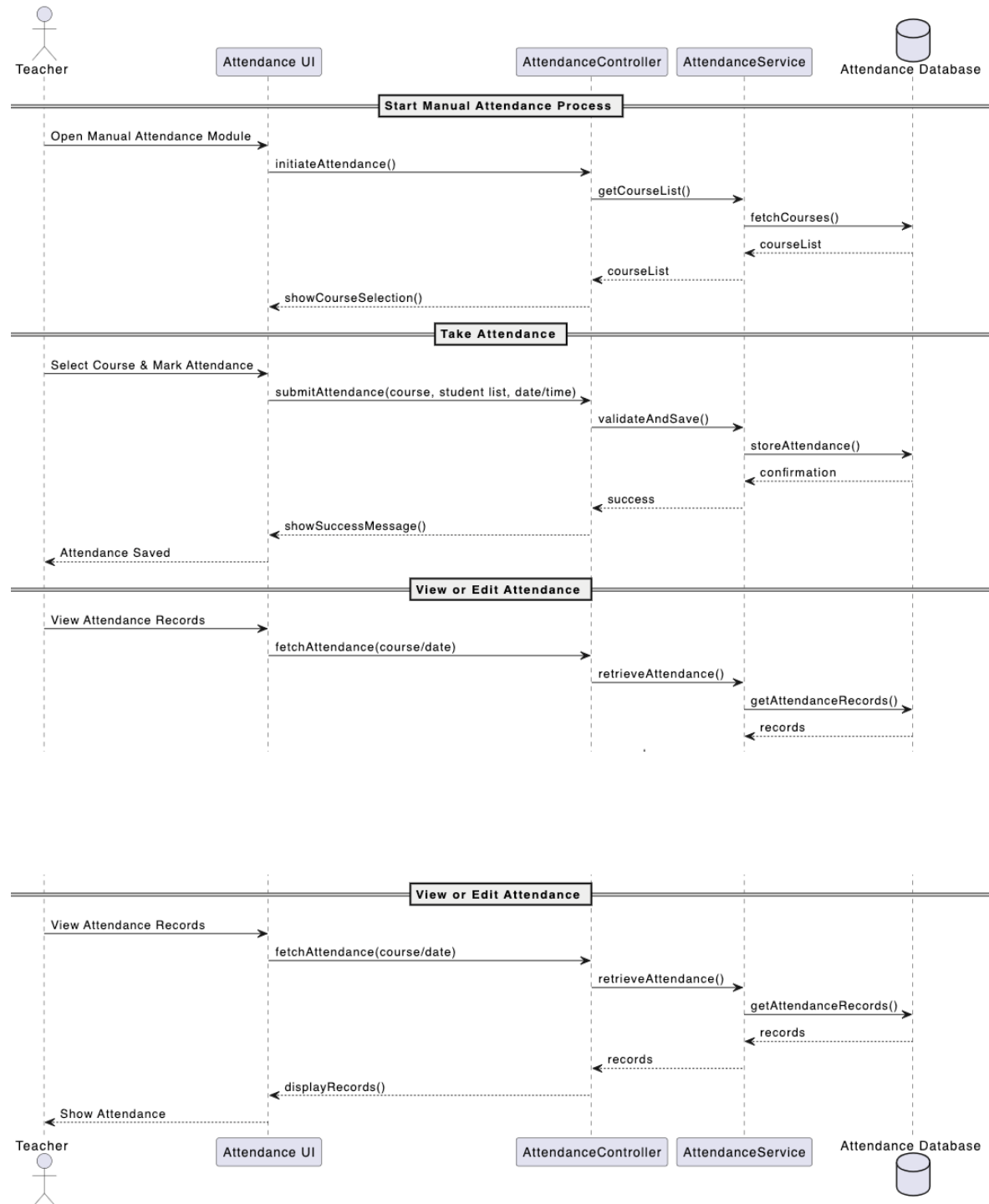
### **System Responses:**

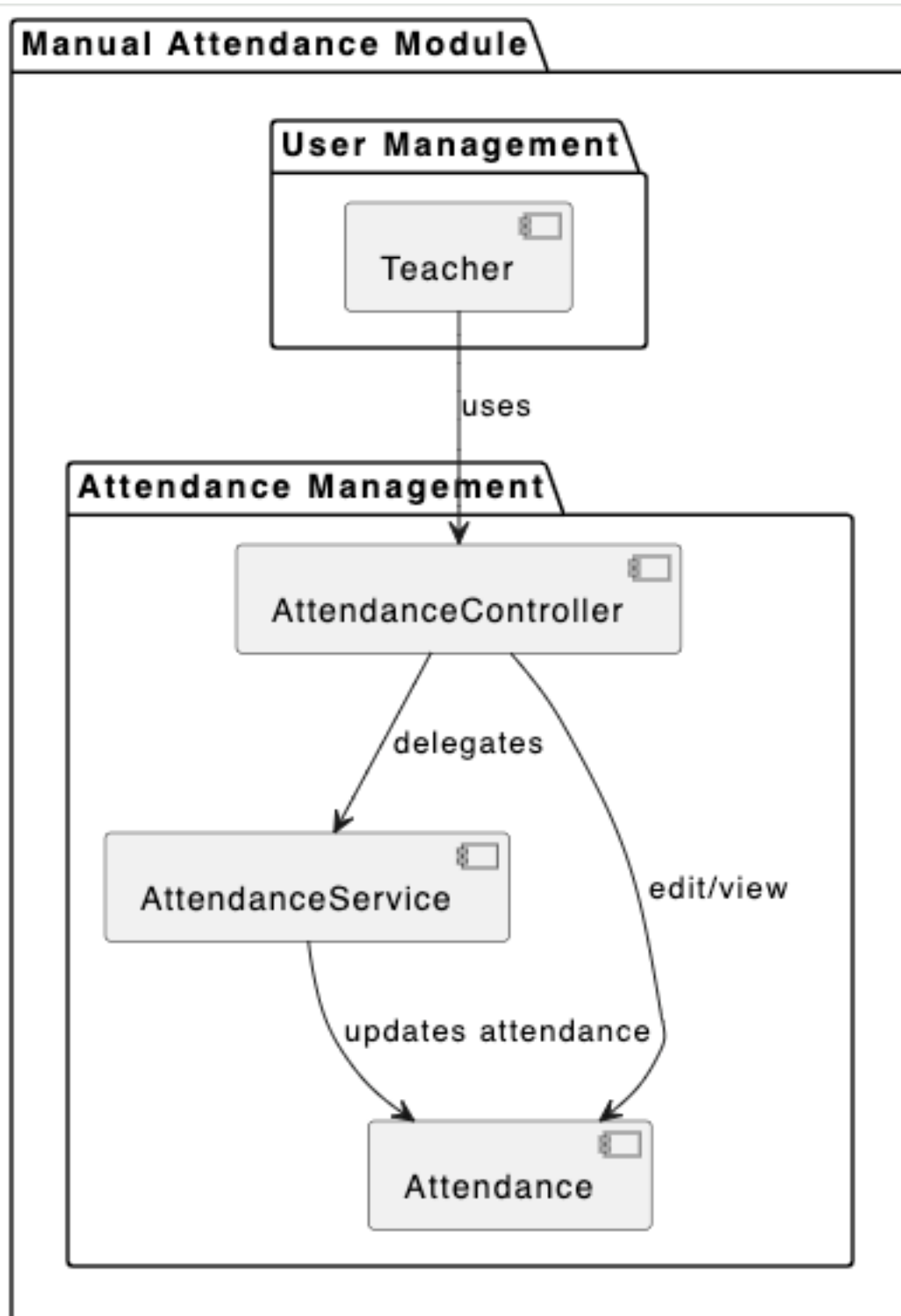
1. Displays the list of assigned courses.
  2. Shows the list of students enrolled in the selected course.
  3. Records the attendance status along with the current date and time.
  4. Confirms successful attendance submission.
- 

### **Exceptions/Alternative Flows:**

- **Course Not Assigned:**
    - System displays an error if no courses are found for the teacher.
  - **Partial Submission:**
    - If attendance is submitted without marking all students, the system prompts for confirmation.
  - **System Timeout:**
    - If the session times out, the teacher must log in again and restart the process.
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# Sequence Diagram:





**Package Diagram**

# SYSTEM SEQUENCE DIAGRAM

