COMSATS UNIVERSITY ISLAMABAD,

ABBOTTABAD CAMPUS

Computer Networks

ASSIGNMENT # 1

Submitted to: Mukhtiar Zamin

Submitted by: Muhammad Umer Liaqat

Reg No: FA22-BSE-053.

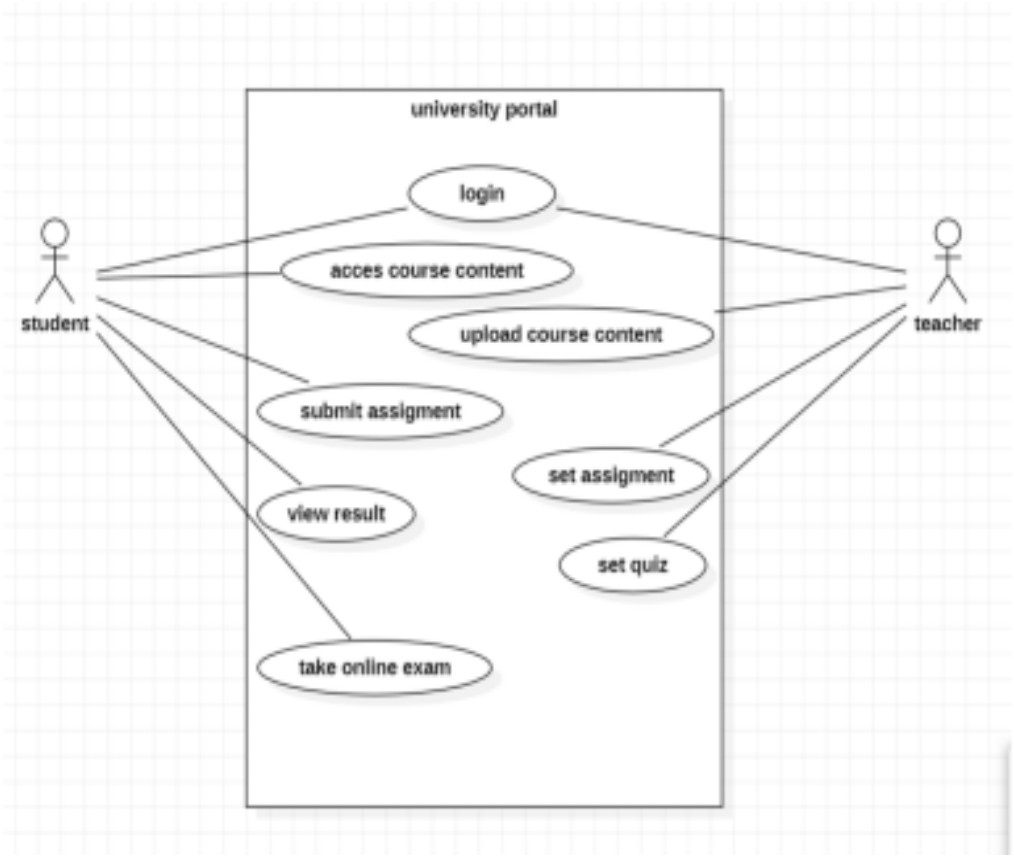
Brief Introduction to Case Study

The university portal application enables instructors to manage various aspects of course administration. It offers four primary functionalities: taking attendance, setting assignments, uploading course content, and setting quizzes.

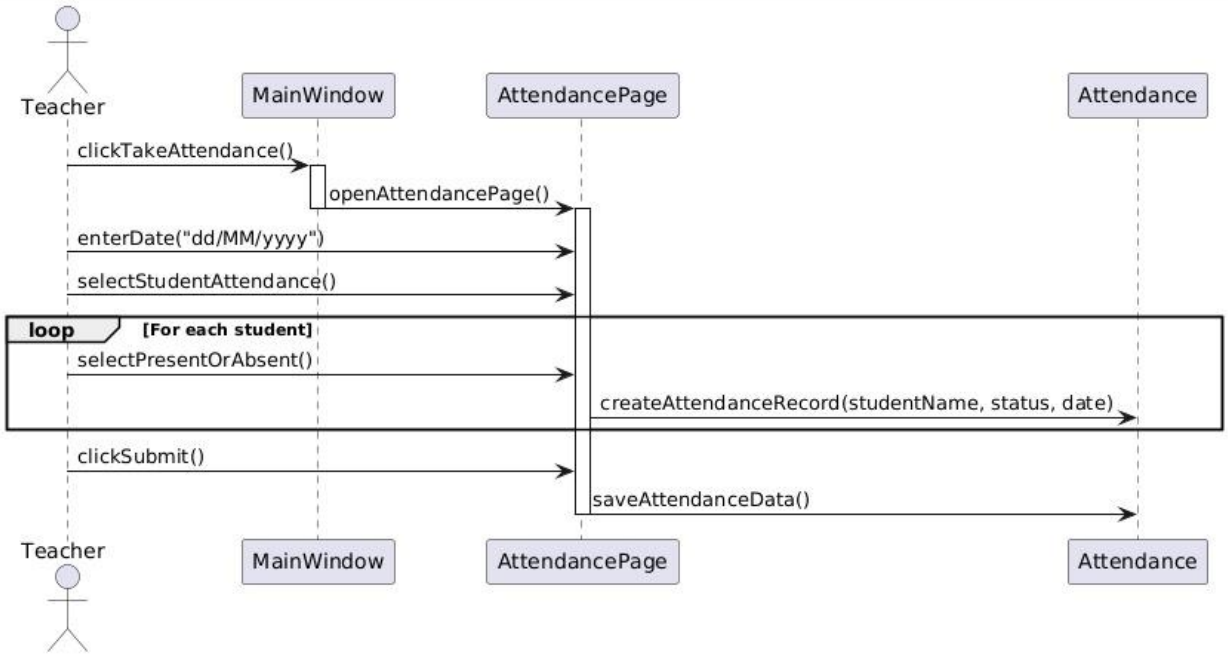
For this case study, the focus is on the **Attendance Taking** functionality. In this functionality, the instructor can take attendance by selecting the date, viewing a list of students, and marking each student as "Present" or "Absent." Once completed, the attendance is saved, providing a record of each student's attendance status for that date.

The **Attendance Taking** functionality showcases how instructors can efficiently manage and record student attendance, supporting both educational objectives and streamlined course management.

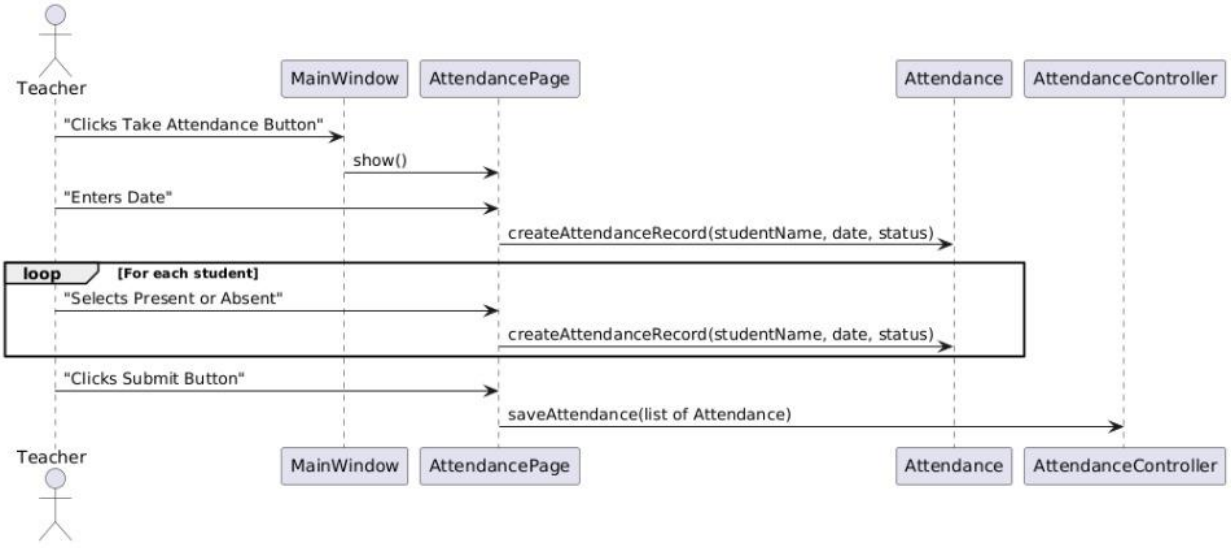
USE CASE DIAGRAM



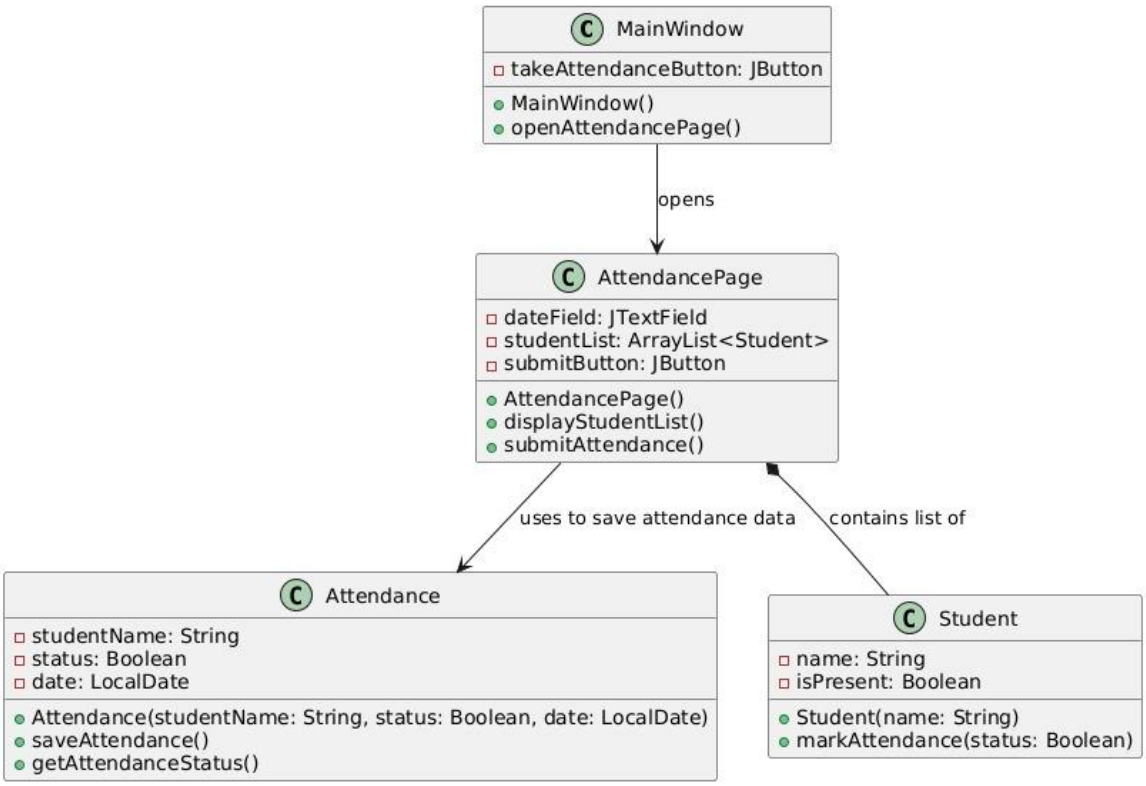
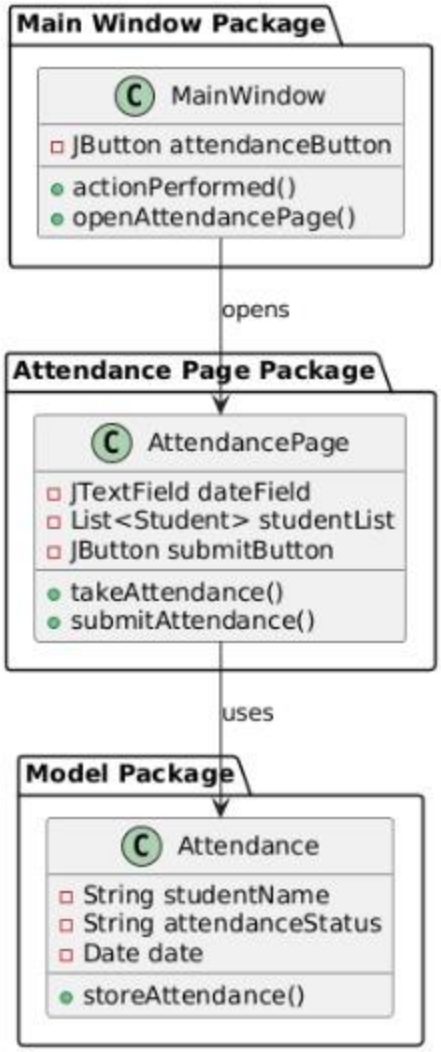
SSD of Use Case



Communication Diagram



Class Diagram



Package Diagram