

Software Development 2

Sprint- 2

Group members:

1. **Priyanka Khadka** – A00081894
2. **Ram Mohan Mantena** – A00086700
3. **Prem Kayat** – A00084273
4. **Hema Madana** – A00086001
5. **Sruthi Bhavya Marri** – A00089750

User Stories:

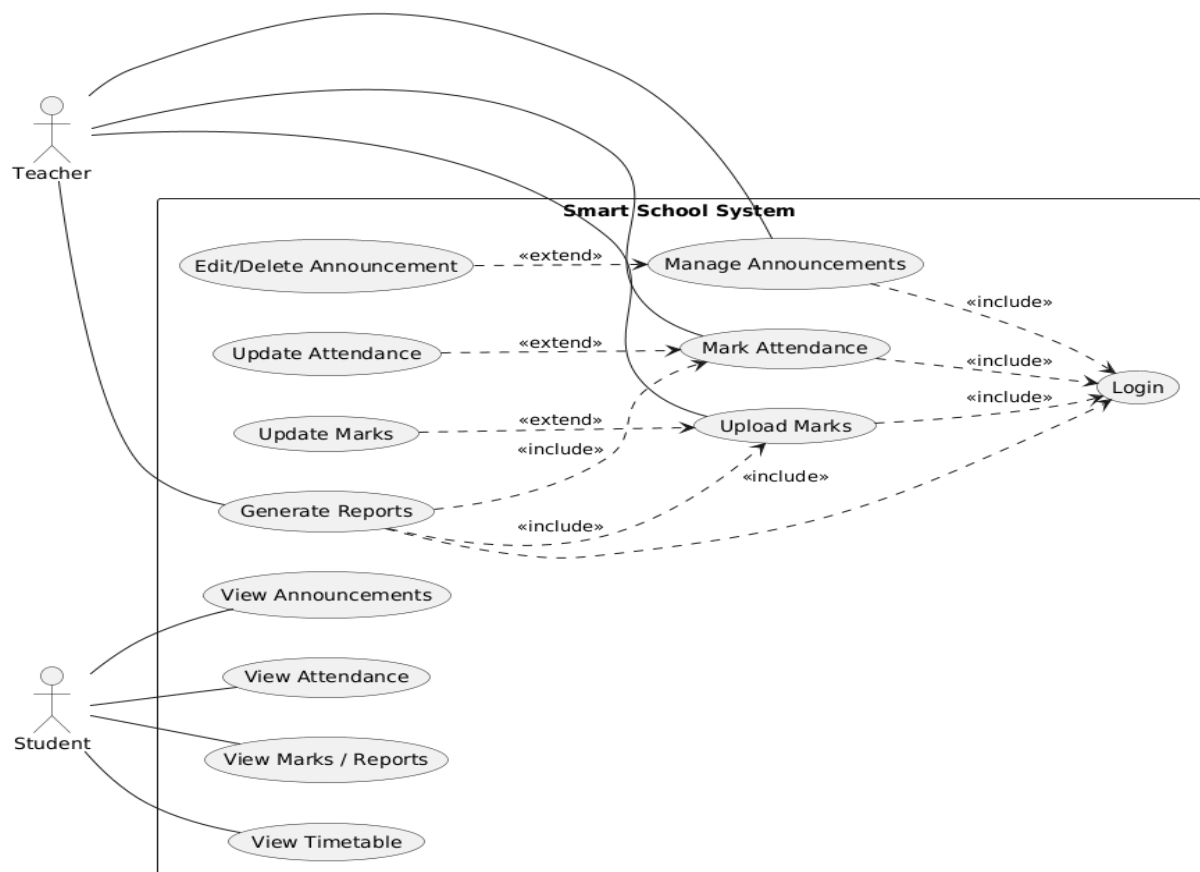
Teacher User Stories

1. As a teacher, I want to log in securely so that I can access my dashboard.
2. As a teacher, I want to log out safely so that my account remains secure.
3. As a teacher, I want to reset my password so that I can regain access if I forget it.
4. As a teacher, I want to create an announcement with a title, description, and category so that students receive clear updates.
5. As a teacher, I want to edit announcements so that I can correct mistakes.
6. As a teacher, I want to delete outdated announcements so that only relevant information is visible.
7. As a teacher, I want to view all previously posted announcements so that I can maintain records.
8. As a teacher, I want to mark student attendance daily so that records stay updated.
9. As a teacher, I want to update attendance if I make a mistake.
10. As a teacher, I want to generate attendance reports so that I can track student participation.
11. As a teacher, I want to upload student marks for exams and assignments so that students can check their performance.
12. As a teacher, I want to update marks if corrections are needed.
13. As a teacher, I want to generate performance reports so that students can understand their progress.
14. As a teacher, I want to manage class timetables so that students know their schedule.

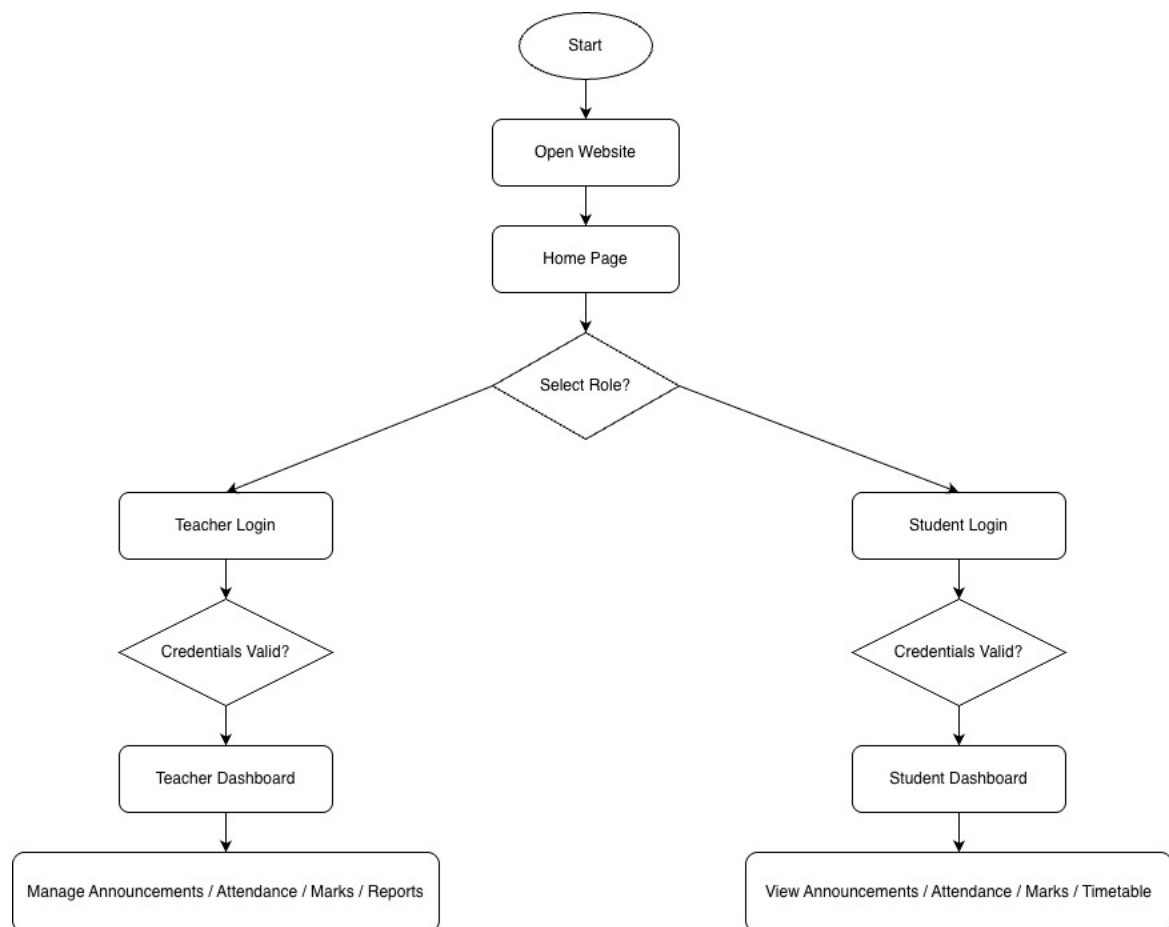
Student User Stories

15. As a student, I want to log in securely so that I can access my academic information.
16. As a student, I want to log out safely so that my account remains protected.
17. As a student, I want to reset my password if I forget it so that I can regain access.
18. As a student, I want to view teacher announcements so that I do not miss important updates.
19. As a student, I want to see homework and exam notices so that I can prepare properly.
20. As a student, I want to view my attendance record so that I know my attendance status.
21. As a student, I want to see attendance reports so that I can improve if needed.
22. As a student, I want to view my marks and grades so that I can track my performance.
23. As a student, I want to download or view my performance report so that I can keep records.
24. As a student, I want to view my timetable so that I can manage my daily schedule.

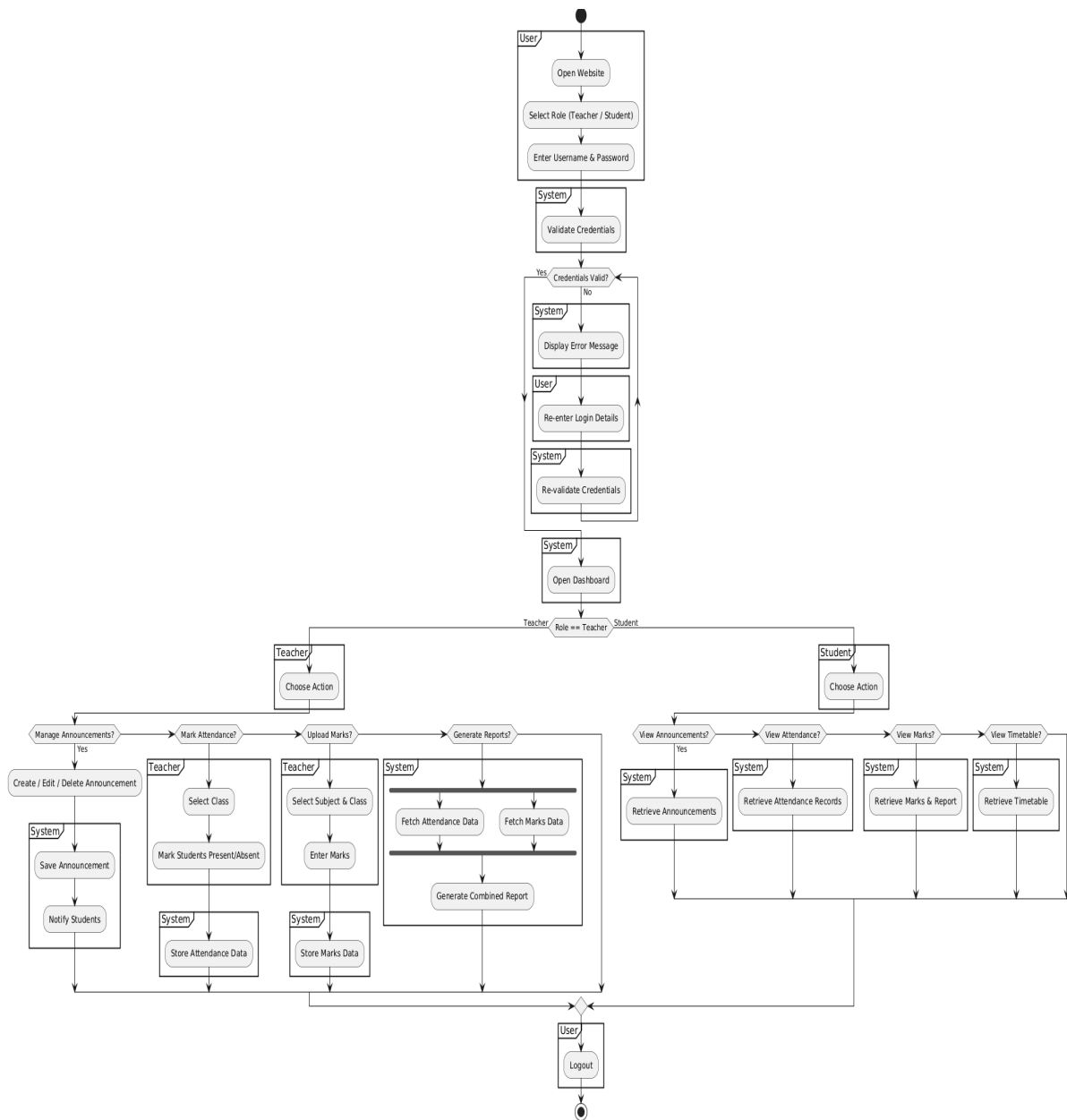
Use Case Diagram



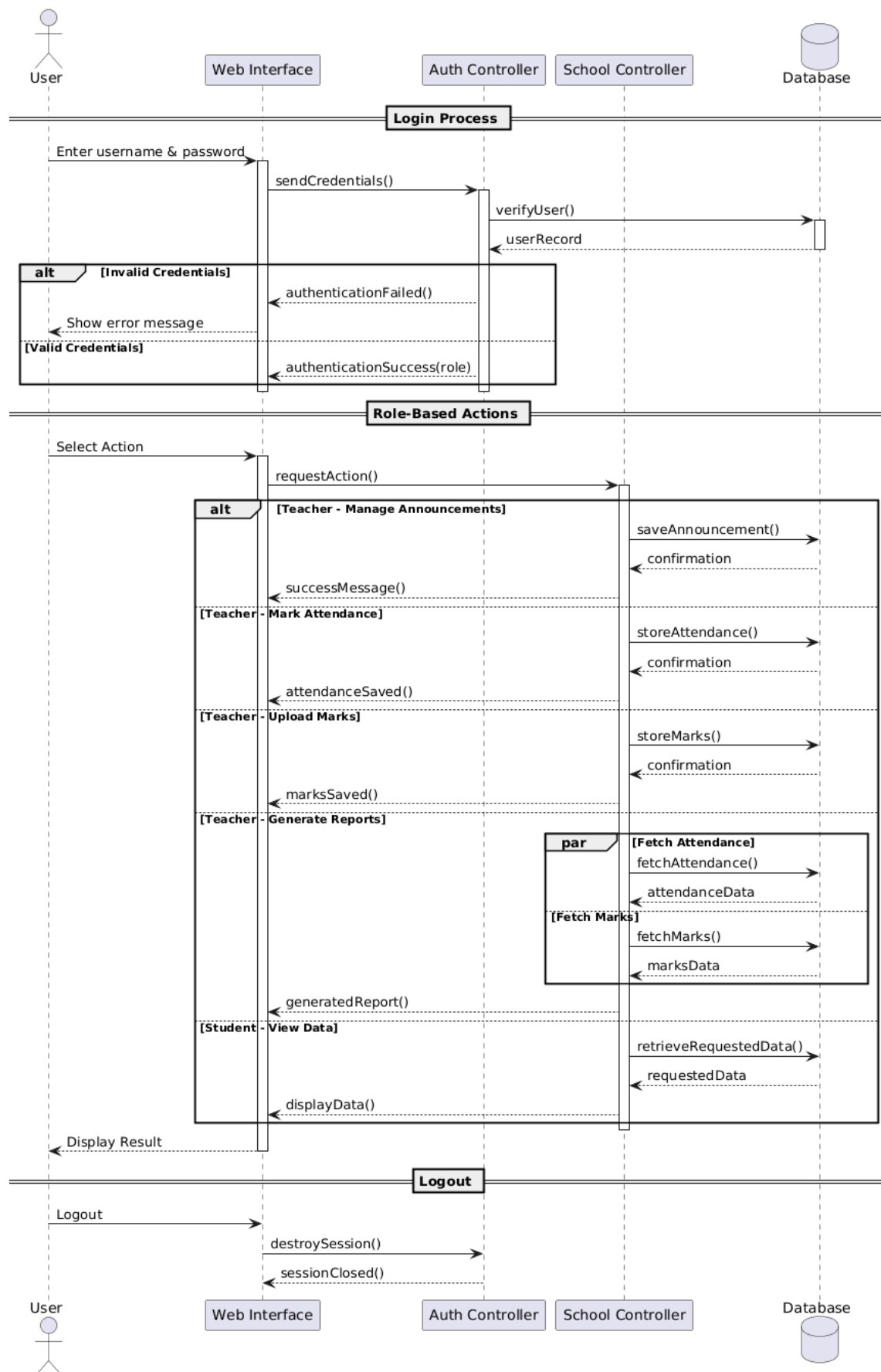
User Flow Diagram:



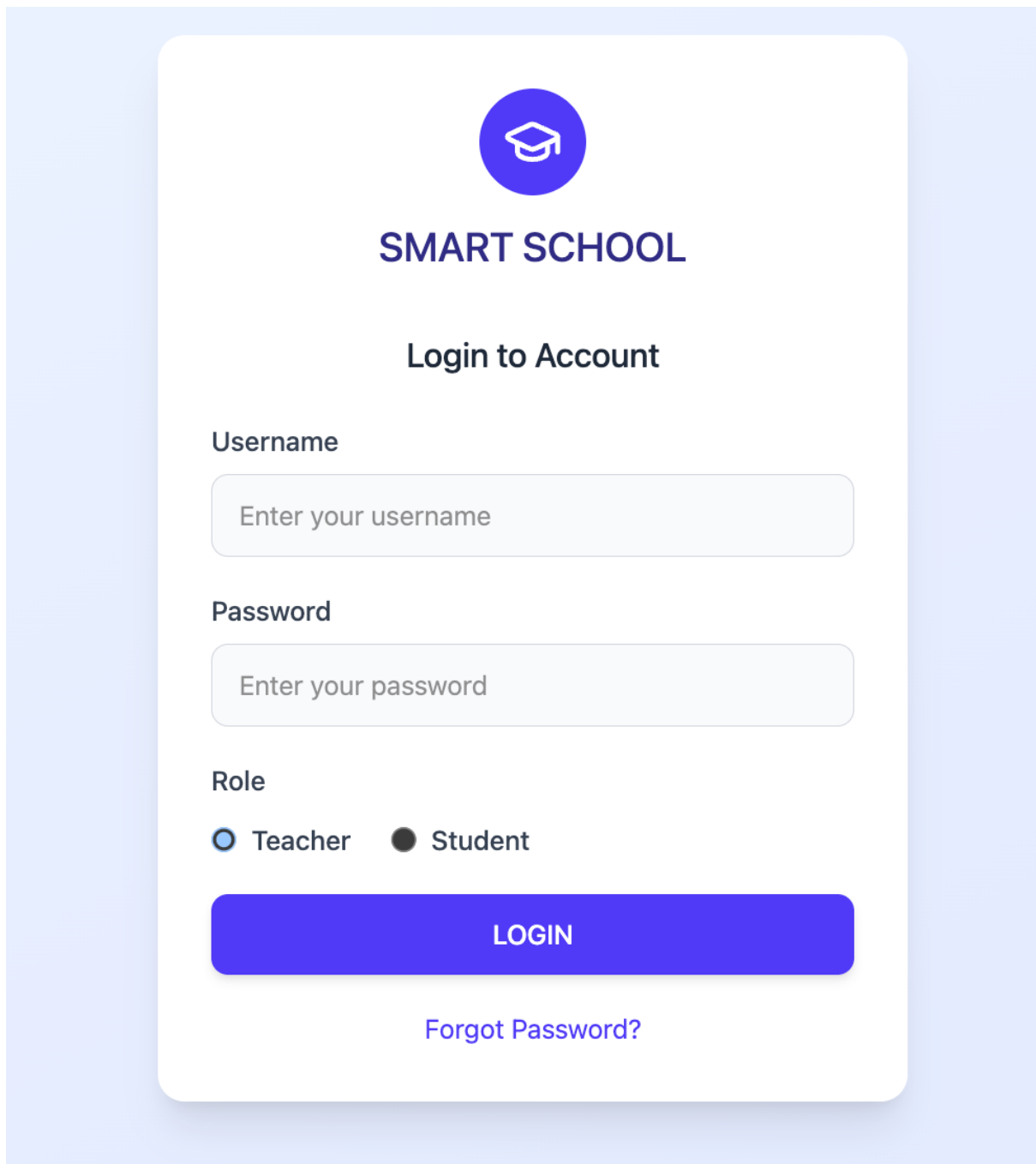
Activity Diagram:




Sequence Diagram:



Wireframes:
Login page



A wireframe of a login page for 'SMART SCHOOL'. The page has a light blue background. In the center is a white rounded rectangle containing the login form. At the top of the white rectangle is a blue circular icon with a white graduation cap. Below the icon is the text 'SMART SCHOOL' in bold blue. Underneath is 'Login to Account' in bold black. The form includes three sections: 'Username' with a light gray input field containing the placeholder 'Enter your username'; 'Password' with a light gray input field containing the placeholder 'Enter your password'; and 'Role' with two radio buttons. The 'Teacher' radio button is selected (blue outline), and the 'Student' radio button is unselected (black outline). Below the radio buttons is a large blue 'LOGIN' button. At the bottom of the white rectangle is a blue link that says 'Forgot Password?'.



SMART SCHOOL

Login to Account

Username

Enter your username

Password

Enter your password

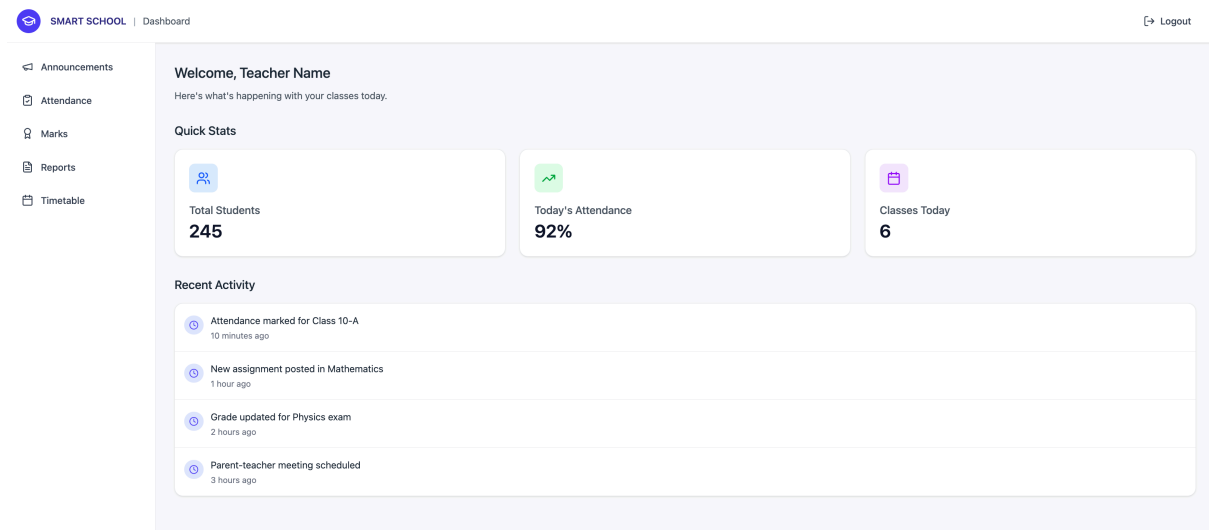
Role

☒ Teacher ☐ Student

LOGIN

[Forgot Password?](#)

Dashboard



Create Announcement:

Create New Announcement

Title

Enter announcement title

Category

General





Description

Enter announcement description

Cancel

Create

Student Dashboard

-  Announcements
-  Attendance
-  Marks
-  Timetable

Welcome, Student Name

Here's an overview of your academic progress.



Your Attendance
87%

210 days present out of 241 days



Overall Performance
85.8%

Average across all subjects

Latest Marks

Subject	Marks	Grade
Mathematics	85	A
Science	78	B
English	90	A+
History	82	A

Recent Announcements



Summer Vacation Notice
Holiday 2026-02-25



Parent-Teacher Meeting
Event 2026-02-24







Annual Sports Day
Event 2026-02-23



Exam Schedule Released
Academic 2026-02-22

Announcements

-  Announcements
-  Attendance
-  Marks
-  Timetable

Announcements



Summer Vacation Notice
Holiday 2026-02-25



Parent-Teacher Meeting
Event 2026-02-24



Annual Sports Day
Event 2026-02-23



Exam Schedule Released
Academic 2026-02-22

Attendance:

SMART SCHOOL | Dashboard

Logout

Announcements

Attendance

Marks

Reports

Timetable

Mark Attendance

Select Class

Class 10A

Date

27/02/2026

Student Name	Present	Absent
John	<input type="checkbox"/>	<input type="checkbox"/>
Sarah	<input type="checkbox"/>	<input type="checkbox"/>
Rahul	<input type="checkbox"/>	<input type="checkbox"/>
Emily	<input type="checkbox"/>	<input type="checkbox"/>
Ahmed	<input type="checkbox"/>	<input type="checkbox"/>
Priya	<input type="checkbox"/>	<input type="checkbox"/>

Save Attendance

User Personas

Persona 1:

- Name: Ms. Maria Fontaine
- Age: 35
- Role: Mathematics Teacher



Maria Fontaine

Age: 34

Gender: Female

Location: Wandsworth., London

Role: Mathematics Teacher

Tech Proficiency : Moderate

Ms. Maria is a dedicated and organized teacher with 10 years of experience. She teaches Mathematics to high school students and believes in clear communication with both students and parents. She values efficiency and wants to spend more time teaching rather than managing administrative tasks.

what she has to say:

"I want to reach all my students and their parents instantly, without repeating the same information multiple times."

Goals

- Quickly post homework and exam updates
- Ensure all students receive important notices
- Maintain a record of past announcements
- Reduce time spent on administrative communication

Needs

- Easy-to-use interface to create announcements
- Ability to edit or delete old posts
- Quick access from mobile or desktop
- Simple dashboard to manage all announcements

Frustration

- Students claim they "didn't receive" the message
- Difficulty tracking who has seen announcements
- Time wasted repeating information in multiple groups
- No centralized record of past notices


Persona 2:

- Name: Mr. David Sunderland
- Age: 46
- Role: Parent of class 5 student

User Persona

A comprehensive view of your target customer's needs, behaviors, and brand relationships

Core Profile



Name: John Sunderland

Age : 46

Location : Stratford, London

Role: parent of class 5 student

Tech profficiency: Basic to Moderate

Background

Bio:
Mr. David is a working parent with two children in school. He wants to stay involved in his children's education but has limited time due to his job. He prefers simple, straightforward tools that give him quick updates without overwhelming him with information.

what he has to say :
"I just want to know what's happening at school without having to call the teacher every day."

Audience Insights

Goals:

- Quickly see homework and exam's updates
- Ensure all students receive important notices
- Maintain a record of attendance and report of student
- Reduce time spent on administrative communication

Needs:

- Easy-to-use interface to create announcements
- Ability to edit or delete old posts
- Quick access from mobile or desktop
- Simple dashboard to manage all announcements

Project Links

- Git Hub Repository Link: <https://github.com/rammohanmantena0528-tech/SmartSchool>
- Task Board Link: <https://github.com/users/rammohanmantena0528-tech/projects/1>

