

Software Development 2

Sprint- 2

Group members:

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User Stories:

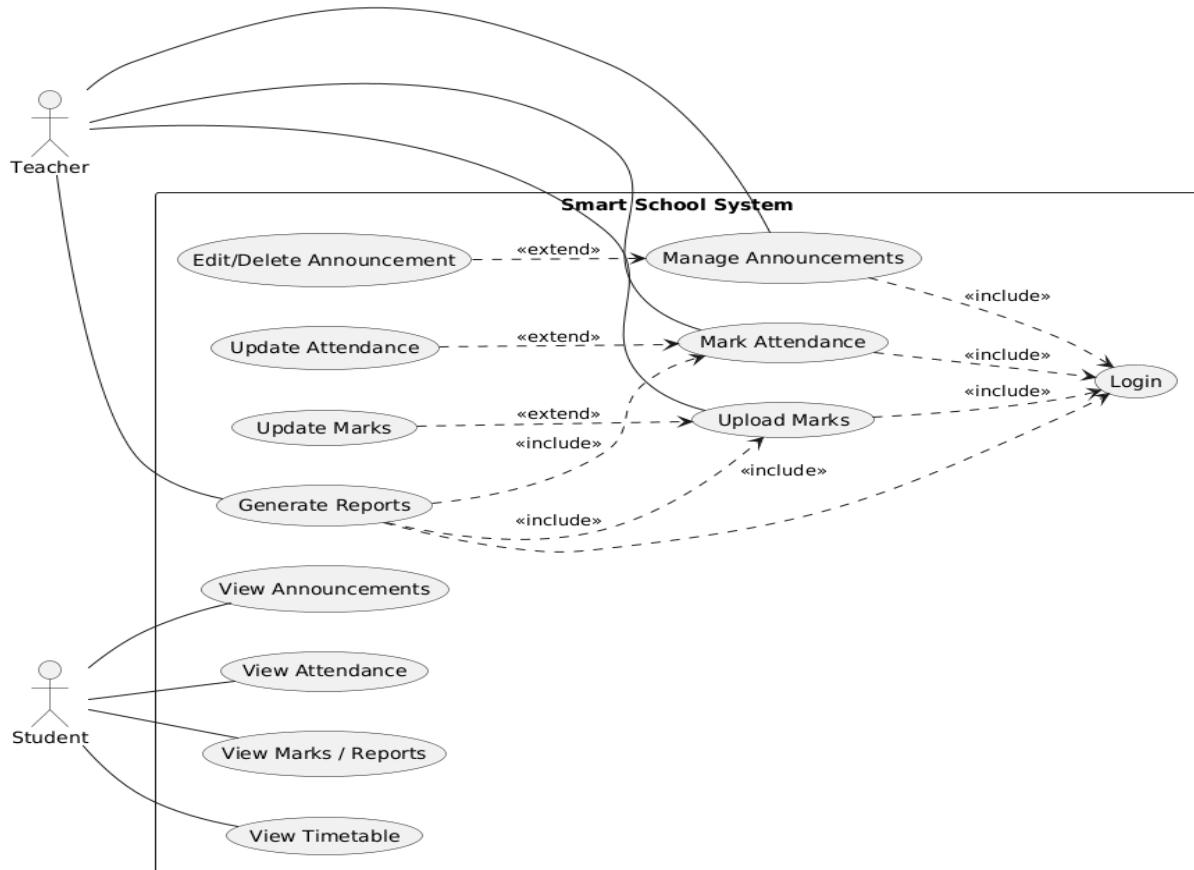
Teacher User Stories

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 As a teacher, I want to delete outdated announcements so that only relevant information is visible.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.

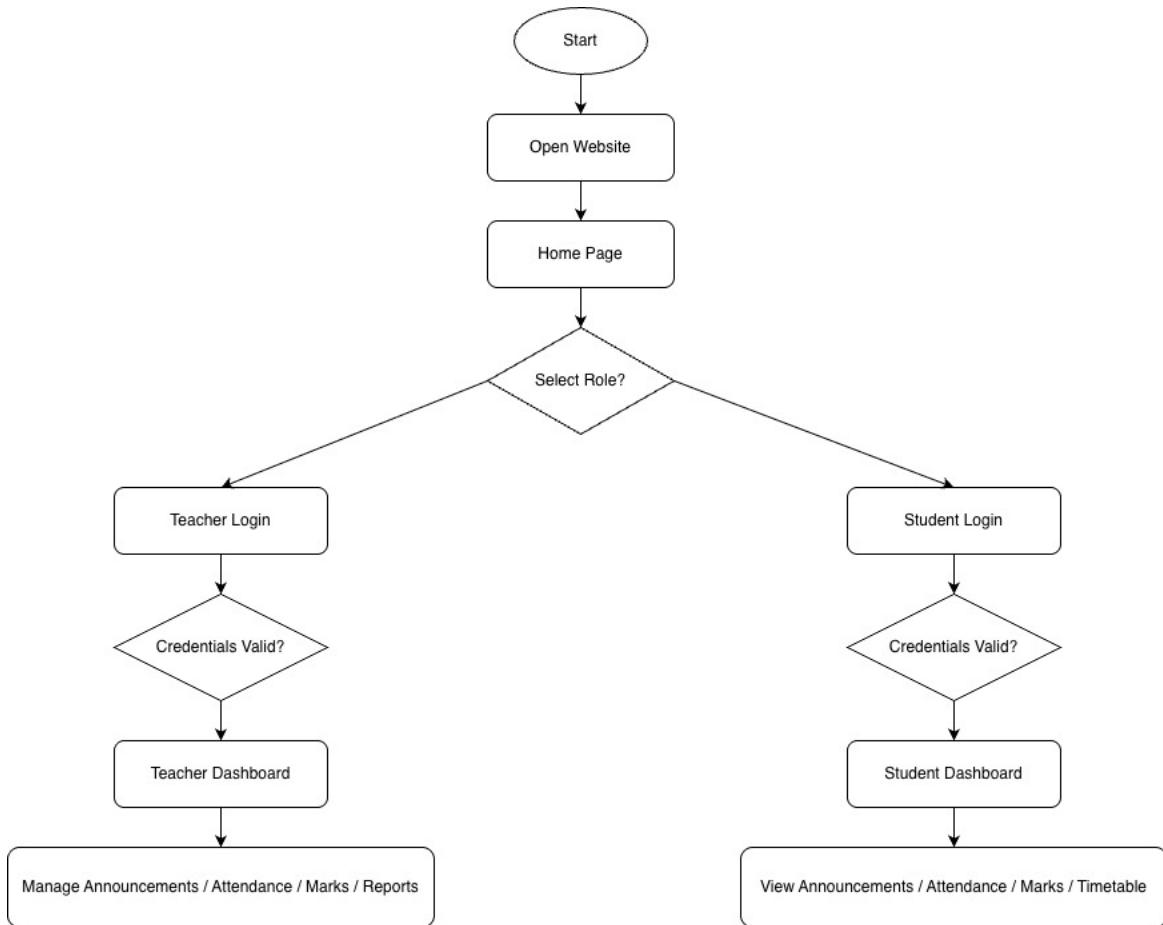
Student User Stories

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.

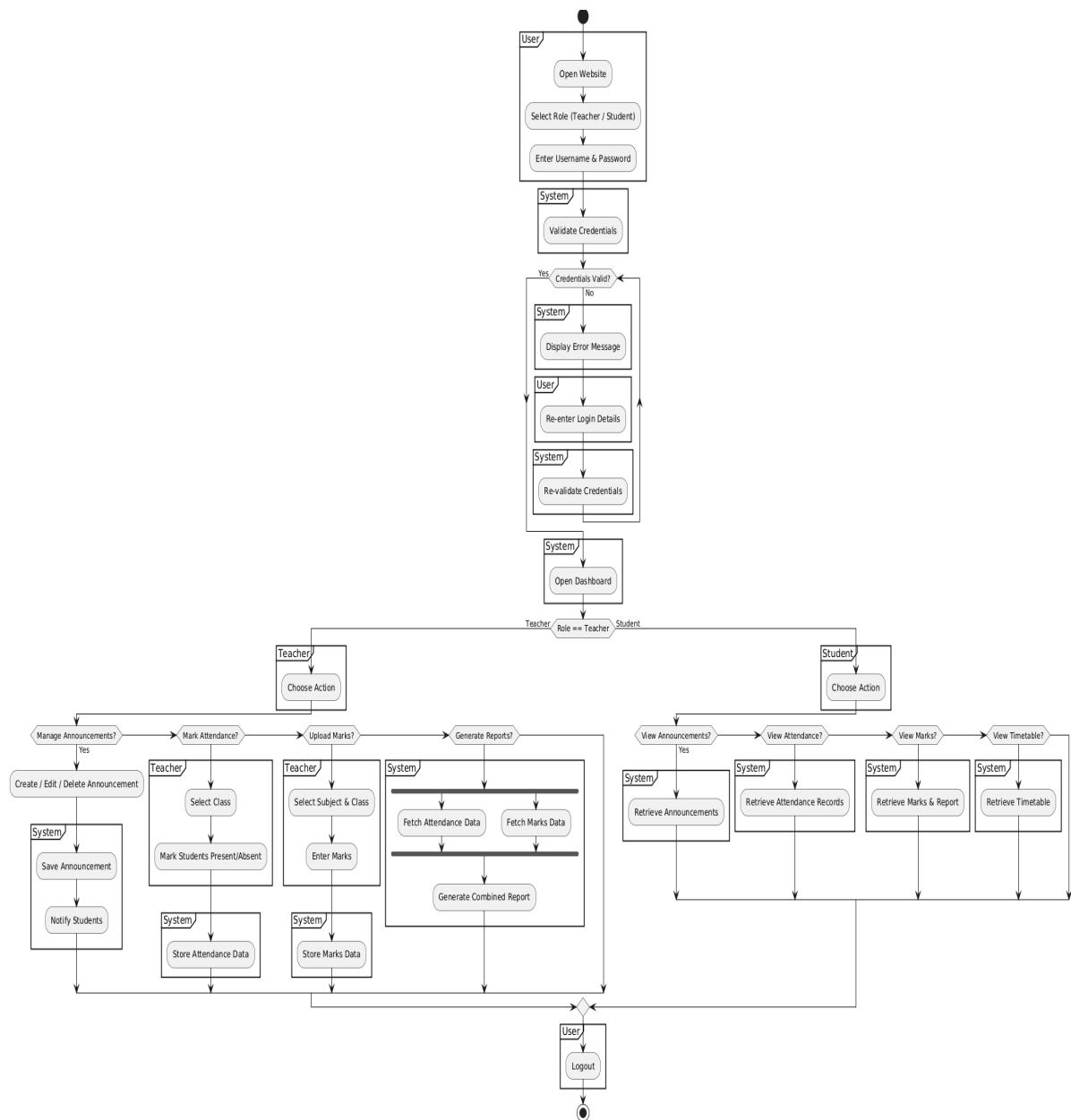
Use Case Diagram



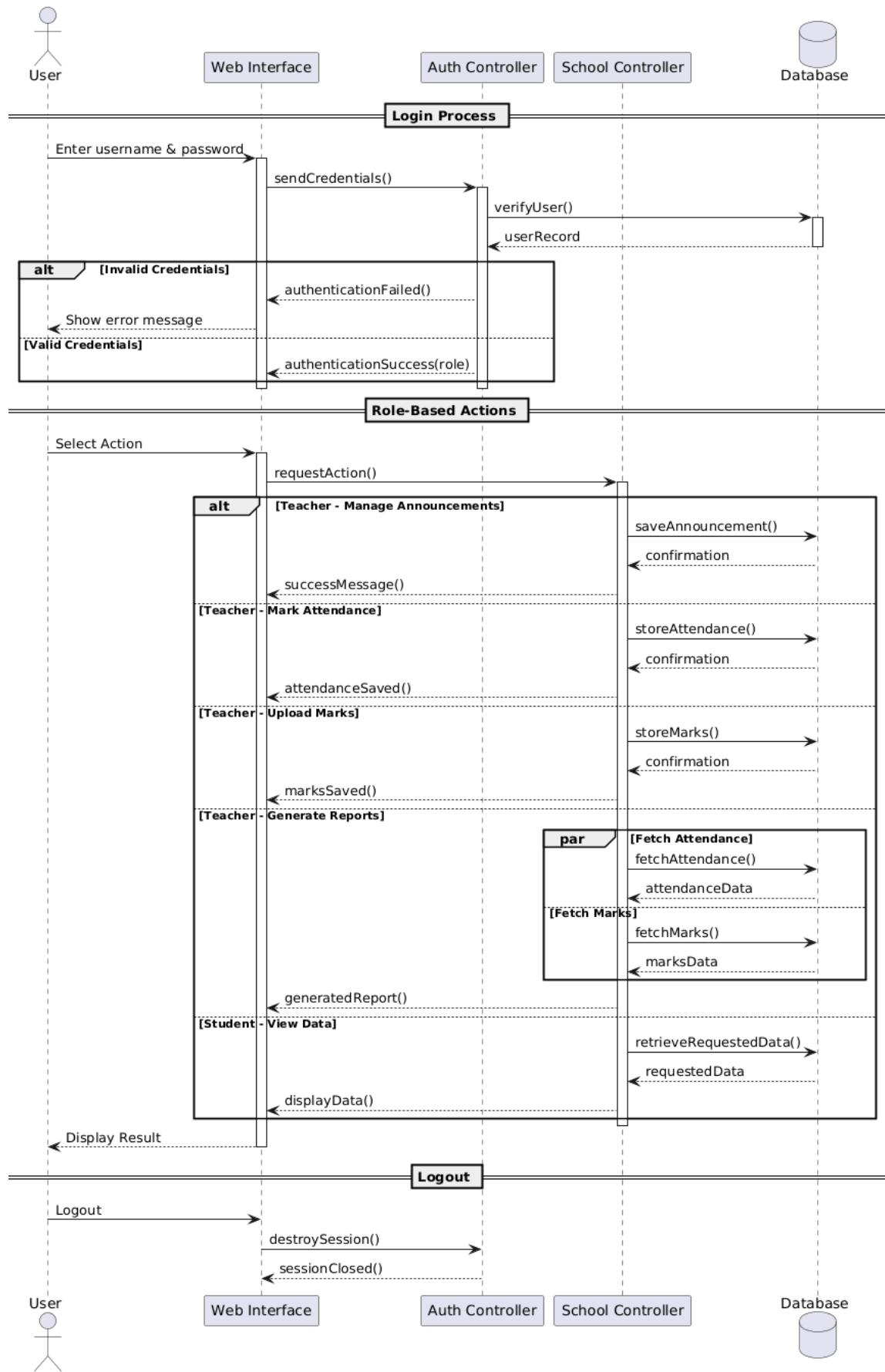
User Flow Diagram:



Activity Diagram:



Sequence Diagram:



Wireframes:

Login page



SMART SCHOOL

Login to Account

Username

Password

Role

Teacher Student

LOGIN

[Forgot Password?](#)

Dashboard

- [!\[\]\(313b3b3c8a0c38ad35f0f4cceb5f9abb_img.jpg\) Announcements](#)
- [!\[\]\(01fb5058363dcb3bfe1ee1159e9c248e_img.jpg\) Attendance](#)
- [!\[\]\(54f0ad8b6afbf069171bcb3f2d838cc1_img.jpg\) Marks](#)
- [!\[\]\(9e65eb946a0821820bf150eaecad484c_img.jpg\) Reports](#)
- [!\[\]\(39de8e92d71816f94aa94a39563f909f_img.jpg\) Timetable](#)

Welcome, Teacher Name

Here's what's happening with your classes today.

Quick Stats


Total Students
245


Today's Attendance
92%


Classes Today
6

Recent Activity

-  Attendance marked for Class 10-A
10 minutes ago
-  New assignment posted in Mathematics
1 hour ago
-  Grade updated for Physics exam
2 hours ago
-  Parent-teacher meeting scheduled
3 hours ago

Create Announcement:

Create New Announcement ×

Title

Category

General▼

Description

CancelCreate

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	
Science	78	
English	90	
History	82	

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

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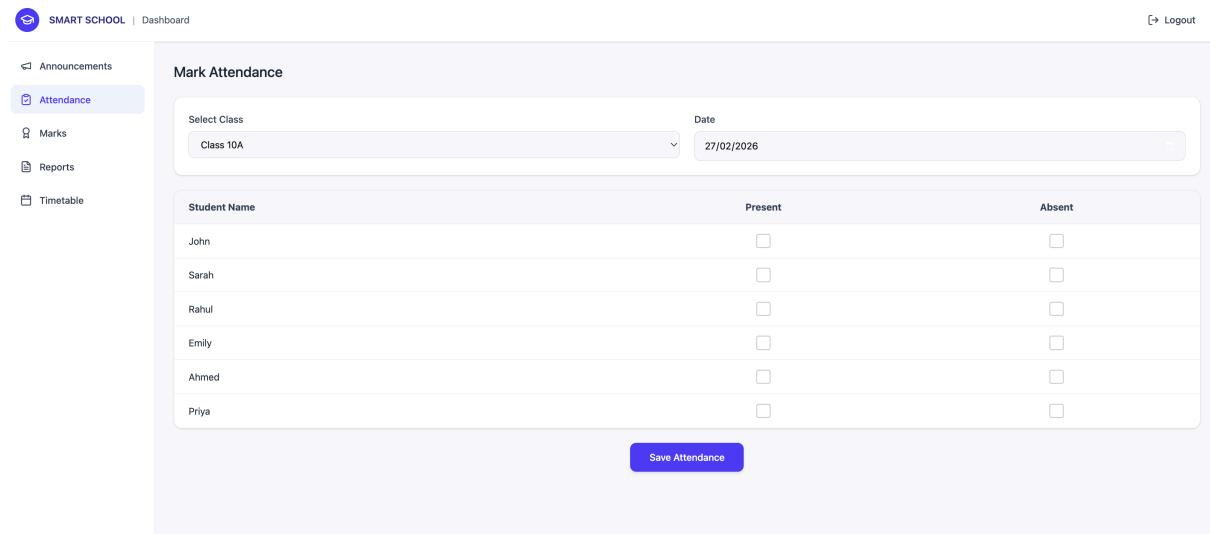
Annual Sports Day

Event 2026-02-23

Exam Schedule Released

Academic 2026-02-22

Attendance:



The screenshot shows the 'Attendance' section of the SMART SCHOOL dashboard. On the left, a sidebar menu includes 'Announcements', 'Attendance' (which is selected and highlighted in blue), 'Marks', 'Reports', and 'Timetable'. The main area is titled 'Mark Attendance' and displays a table for marking student attendance. It has two dropdown menus at the top: 'Select Class' set to 'Class 10A' and 'Date' set to '27/02/2026'. The table has columns for 'Student Name', 'Present' (with an input checkbox), and 'Absent' (with an input checkbox). The student names listed are John, Sarah, Rahul, Emily, Ahmed, and Priya. At the bottom right of the table is a blue 'Save Attendance' button.

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

Frustation

- 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

The image shows a user persona template with three main sections: Core Profile, Background, and Audience Insights.

Core Profile:

- Name: John Sunderland
- Age : 46
- Location : Stratford, London
- Role: parent of class 5 student
- Tech proficiency: 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.

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>

