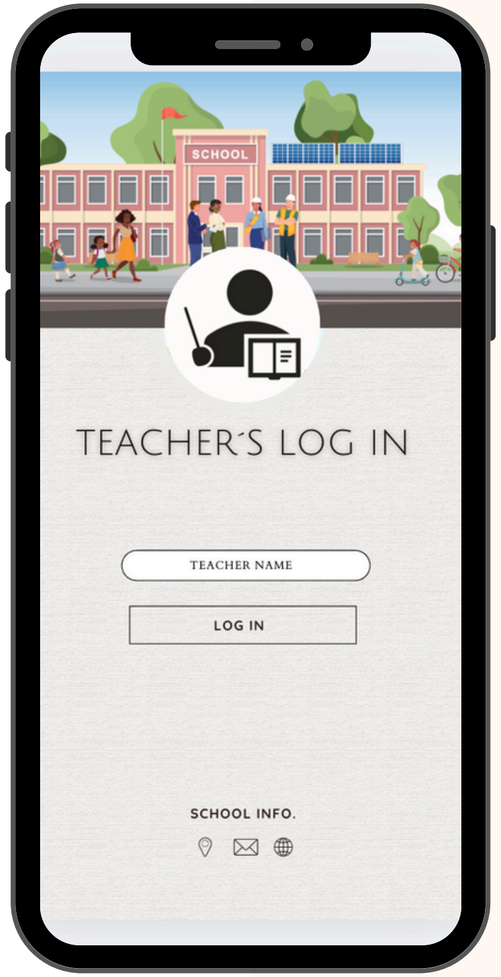
TEACHER´S WEBSITE

GROUP 2



01 **Description**

02 **Process**

03 **Website Demo**

Description

1

Problem Statement

Teachers often struggle with paper records or scattered digital files. This system offers a centralized, easy-to-use interface for managing student data and attendance.

2

Introduction

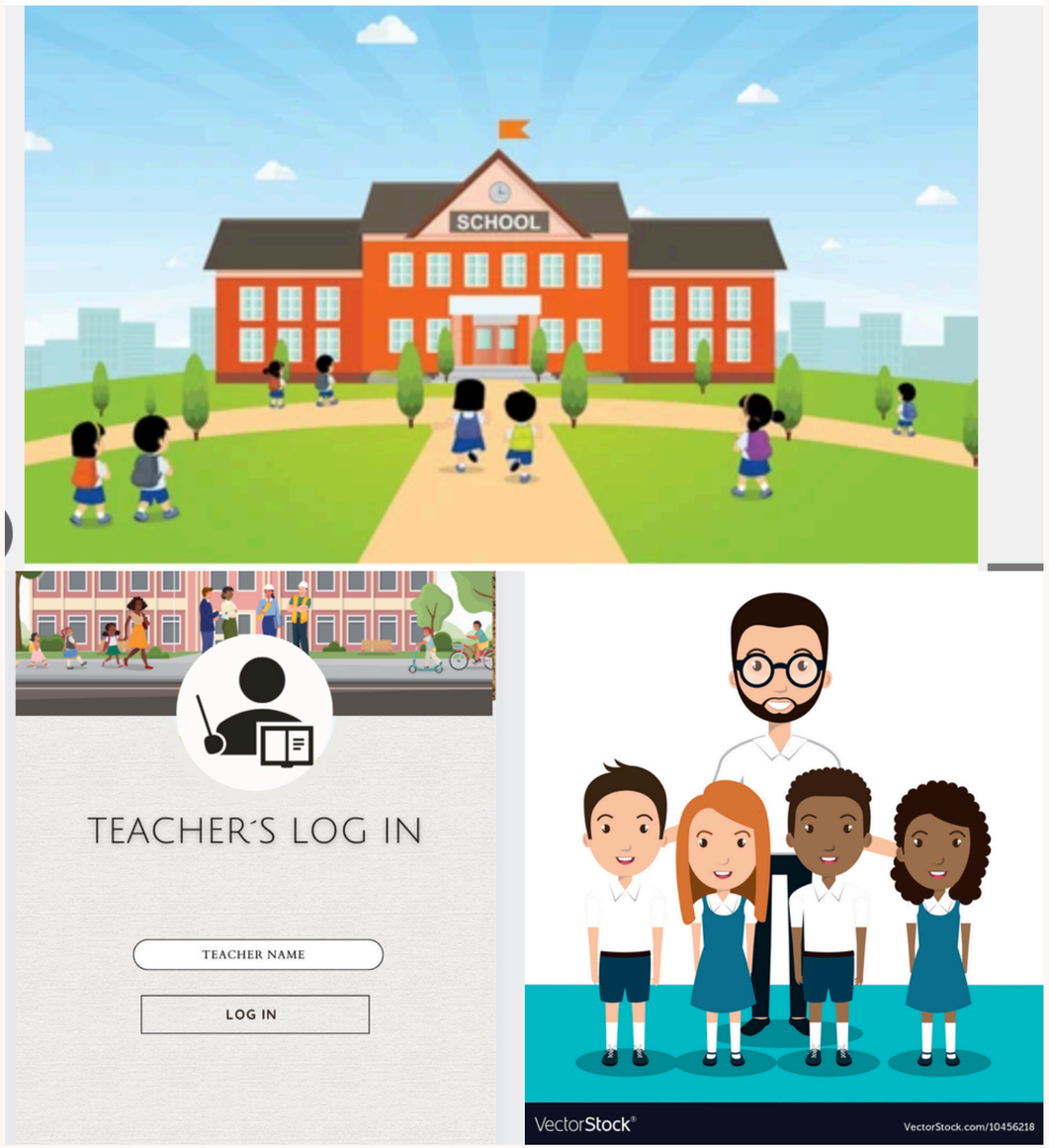
This project is a local web application designed for teachers to register new students with basic validated data and manage their attendance. All data is stored locally using localStorage, making it simple and efficient without the need for a server.

3

Purpose

To provide a straightforward, offline tool for teachers to manage student records and attendance, improving organization and reducing reliance on paper.

User Story



As an teacher, I want to register students on the school platform quickly and without errors, to manage their information efficiently and in an organized way.

Acceptance Criteria:

✅ The form must allow entering name, date of birth, email and phone number.

✅ All required fields must be validated to be complete and correctly formatted.

✅ A success message must be displayed when registration is successful.

✅ The form must be intuitive and responsive to work on different devices.

Definition of Done:

✔️ The form is fully functional with validations.

✔️ Bugs have been fixed and tested on multiple browsers.

✔️ The design is clear and accessible with Bootstrap.

✔️ The process has been documented for future improvements.

Process

1

Techologies

What technologies were used?

- Frontend: HTML, CSS, Bootstrap (for responsive design and predefined components).
- Backend: JavaScript (for validations and form functionality).
- Version Control: Git/GitHub (for change control and collaboration).
- Other Tools: Visual Studio Code (code editor), Google Chrome DevTools (debugging and testing).

2

Roles

How were tasks and roles broken down and assigned?

- Project Planning: Form requirements and functionality were defined.
- UI/UX Design: Page structure was designed using Bootstrap and custom CSS styles.
- Development:
  One developer handled HTML layout and CSS styling.
  Another developer worked on the functionality using JavaScript.
  Form validation and data storage were integrated.
- Testing: Testing was performed on different browsers and devices.

3

Challenges

What challenges did you encounter?

- Cross-browser compatibility: Some styles and validations did not work the same in all browsers.
- Form validation: Adjustments were needed to ensure that entered data was correct and to avoid user errors.
- Design integration with Bootstrap: Adjustments were made to maintain visual consistency and responsiveness.

Process

2

Roles

Michelle
Project Planning: Form requirements and functionality were defined.

Luis
UI/UX Design: Page structure was designed using Bootstrap and custom CSS styles.

Edgar/ Luis
Handled HTML layout and CSS styling.

William / Edgar
Developer worked on the functionality using JavaScript.

Luis/Edgar/William/ Michelle
Form validation and data storage were integrated.

Future Development

Login authentication

Reistration of students by themselves

Ability to add APIs for saving data in the cloud

Website Demo

GitHub Repository

GitHub Project

Thanks