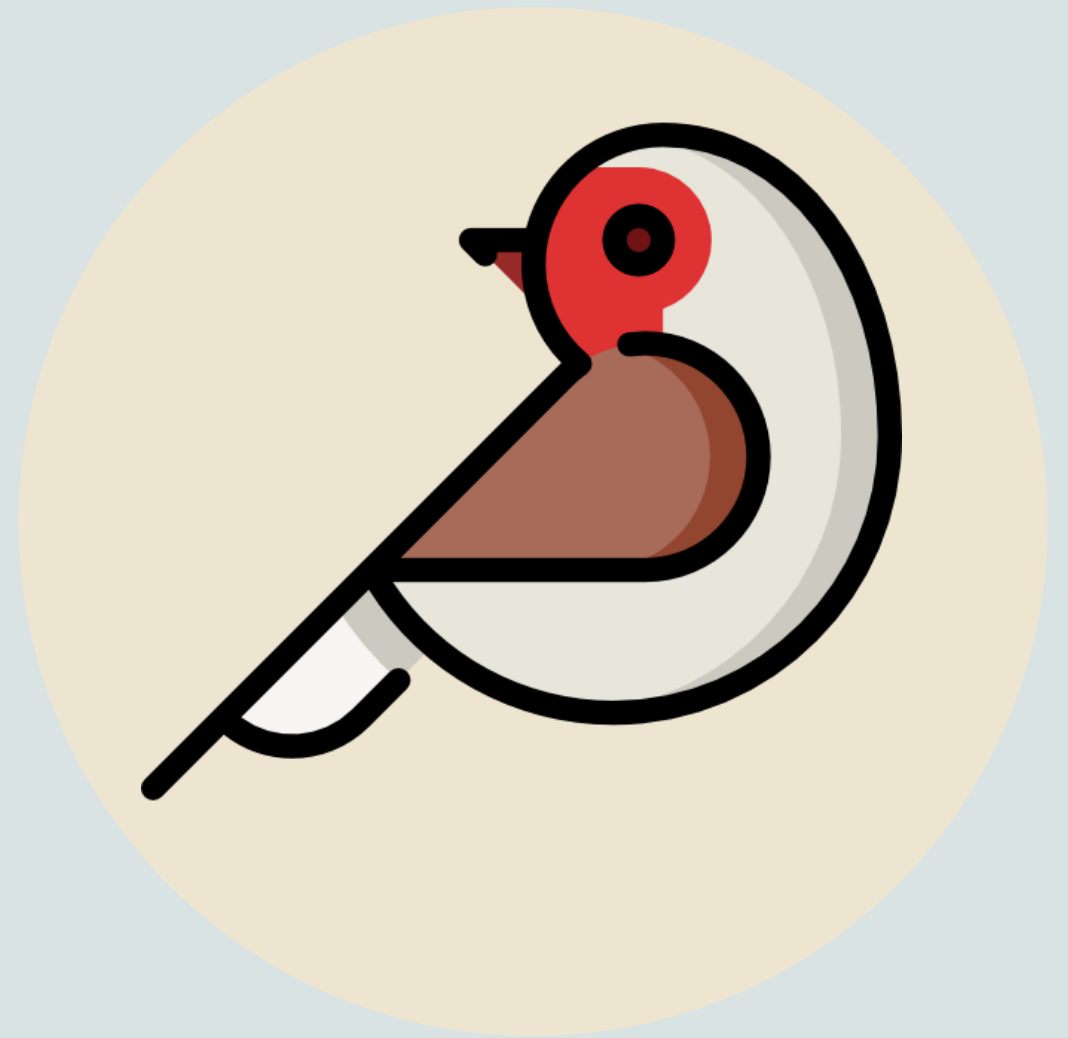


Education System Software

By: Oluwademilade Adejube, Aimon
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Catalán Santana



Agenda

- User Stories and requirements
- UML diagrams
- User Interface
 - Testing



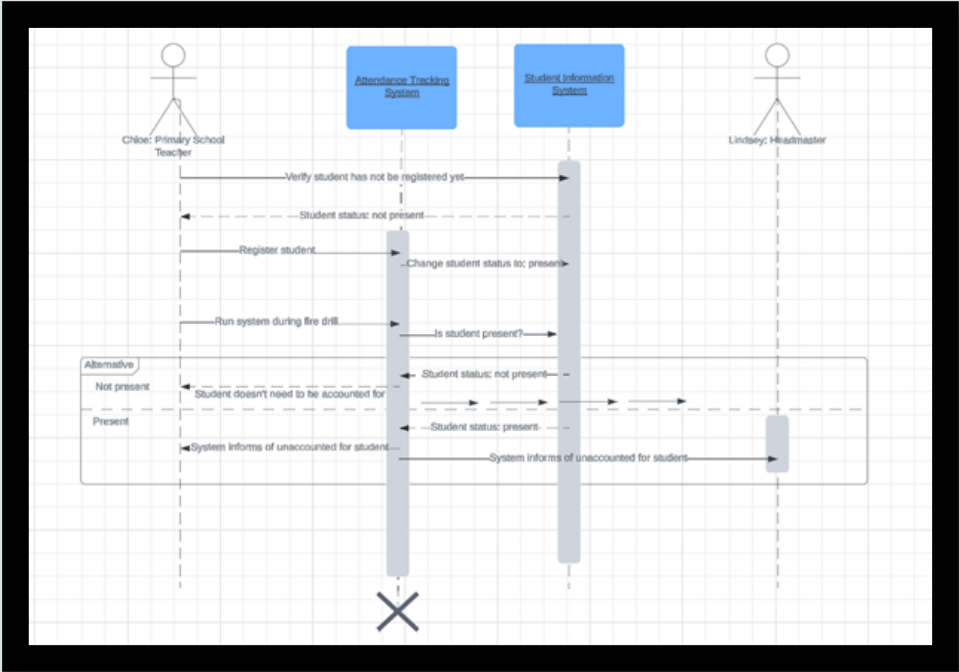
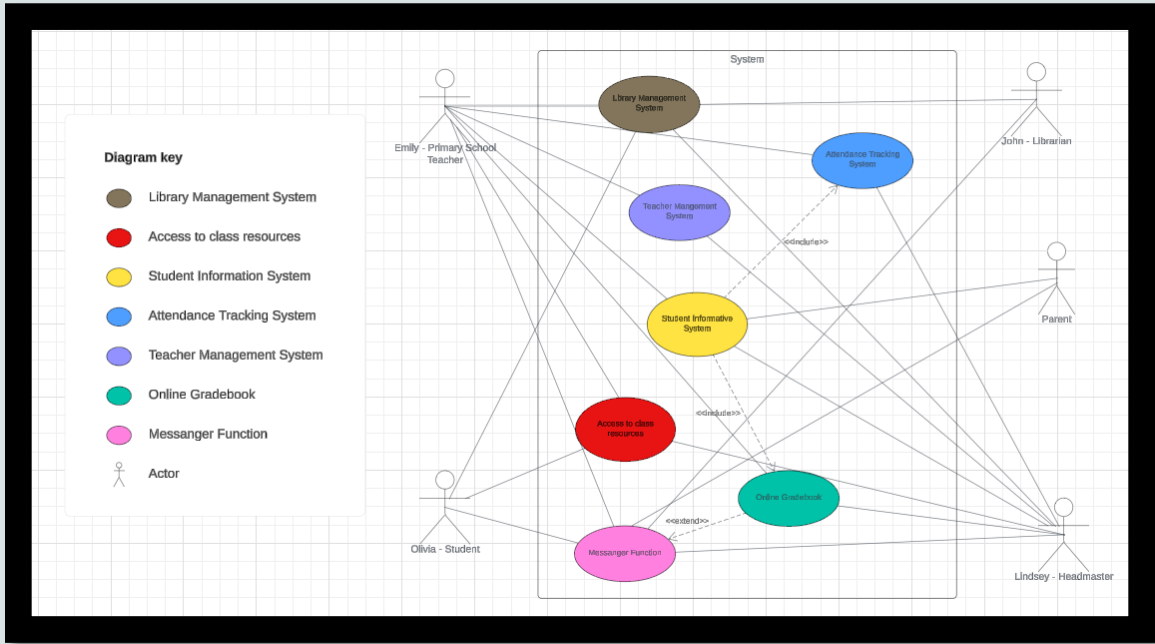
System Scope

Our education system software encompasses a suite of functionalities including a student information system, student record management, teacher profile management, communication tools, attendance tracking, online gradebook, library management, and access to class resources.

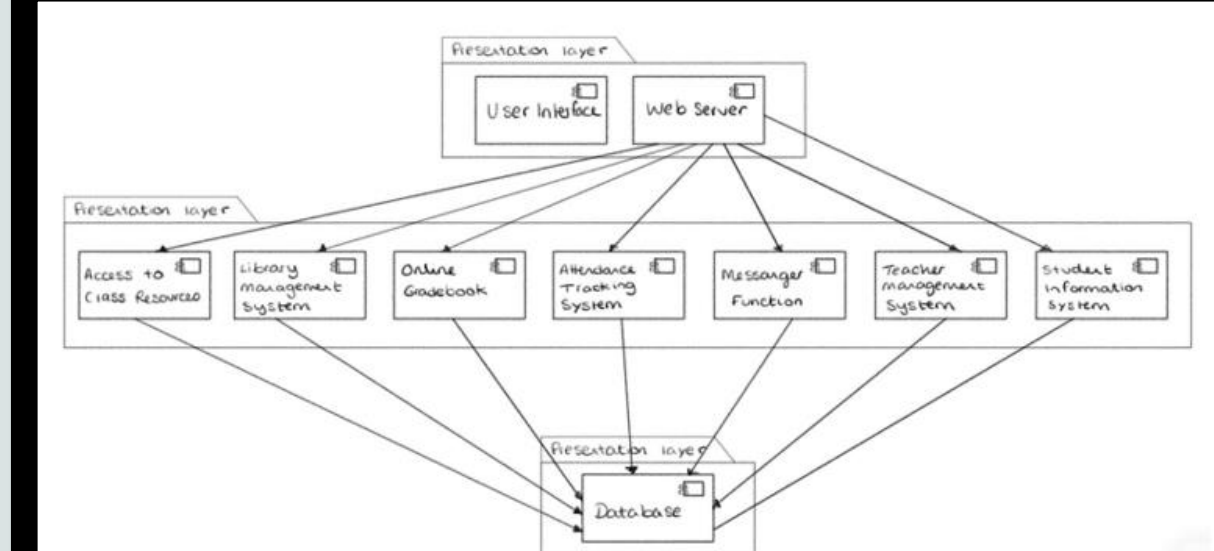
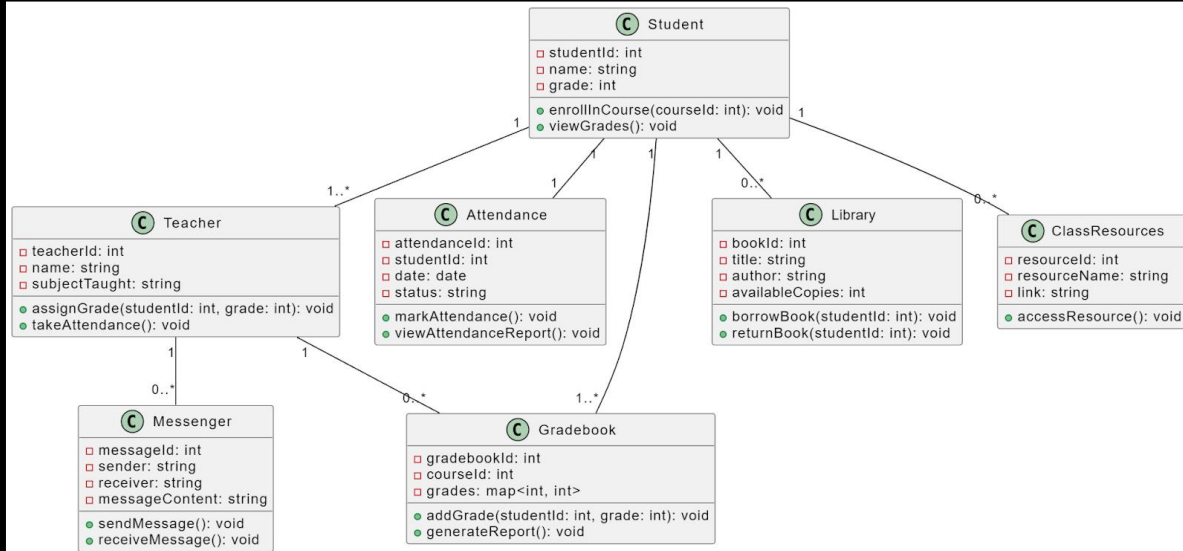
The system is designed to manage student records and personal details. It also tracks academic performance and facilitates monitoring of academic progress by generate report cards. It will also assign classes and schedules for teachers.

It enables seamless communication among stakeholders, record and monitor attendance patterns, calculate grades for assignments and tests, manage library resources including book checkouts and returns, and provide access to class resources like textbooks and worksheets stored on a common server.

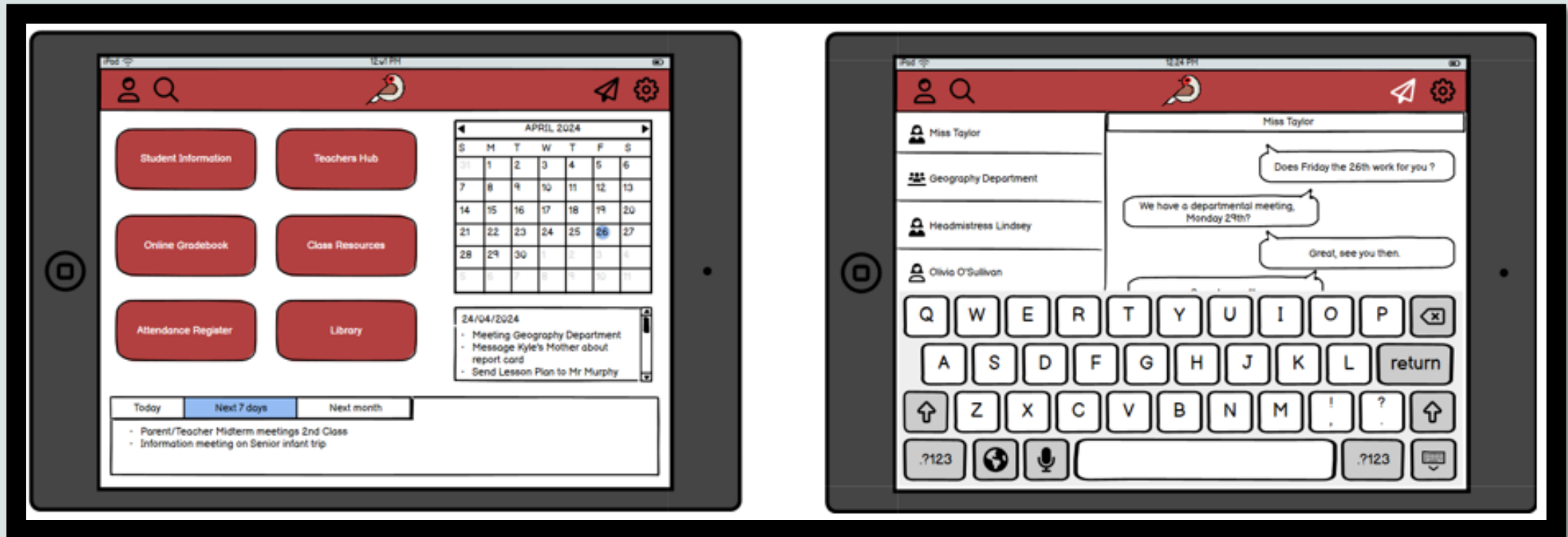
UML Diagrams



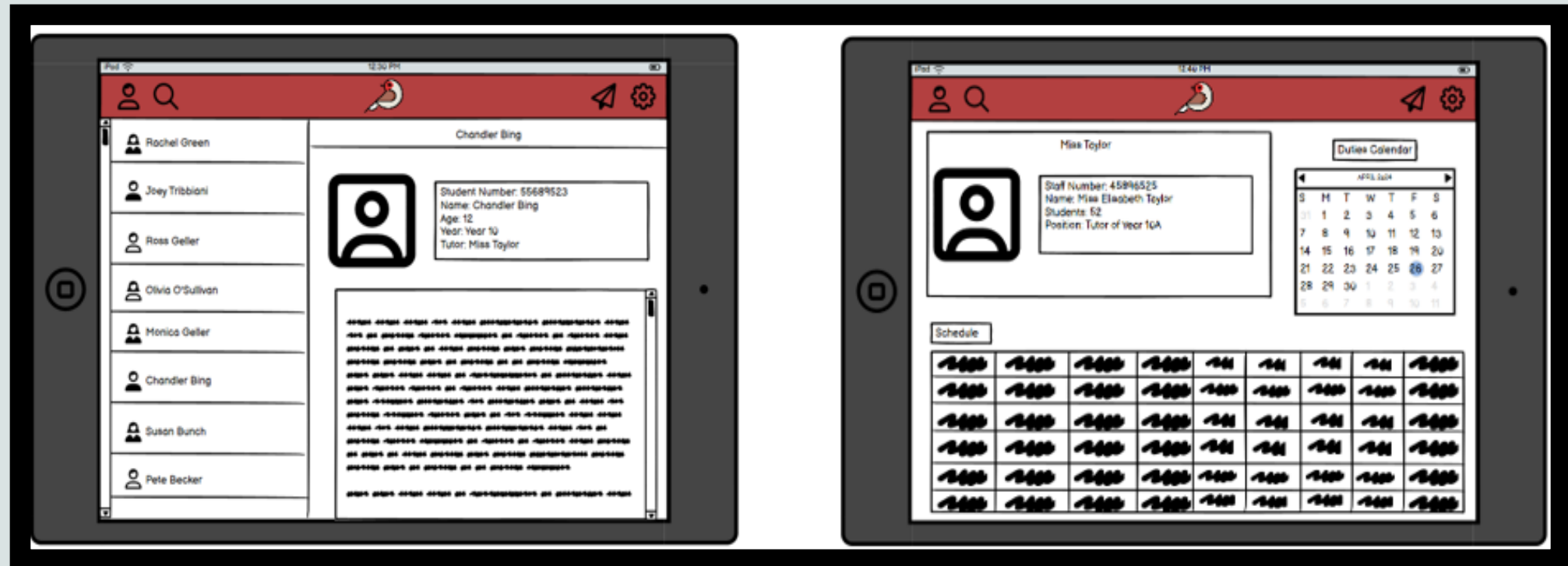
UML Diagrams



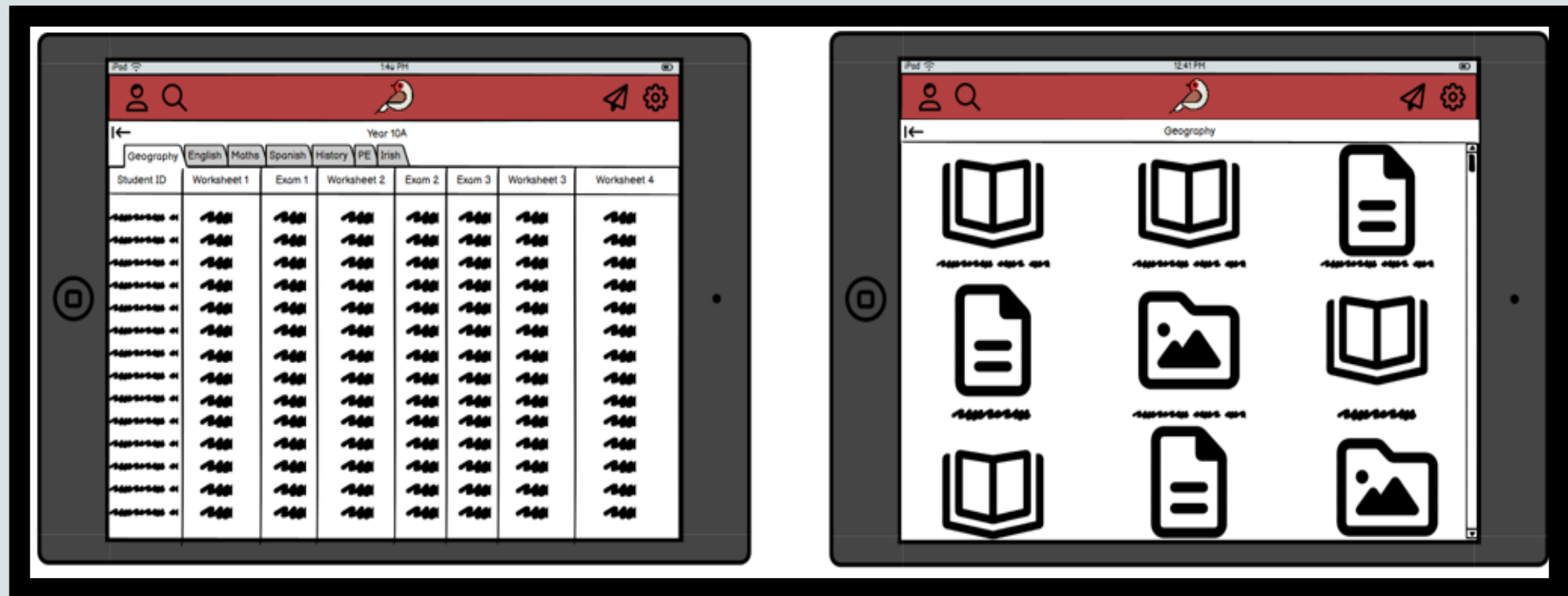
User Interface



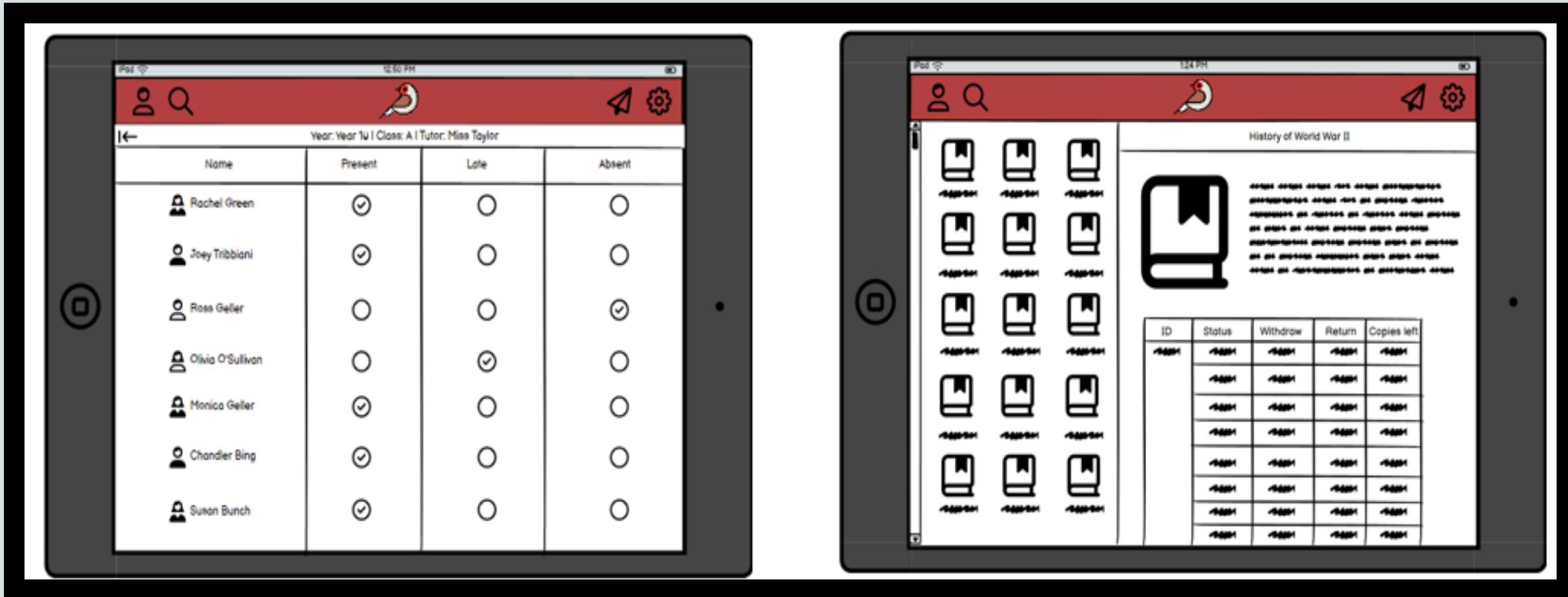
User Interface



User Interface



User Interface



Test Cases

- **Test Cases for Primary School Teacher 1 (Chloe):**
- 1.1 Ensure the online attendance record system accurately logs students' attendance during fire drills.
- 1.2 Verify that daily attendance logging is seamless and efficient using the online system.
- 1.3 Confirm that attendance data is accessible to all staff members for collaboration and emergency preparedness.

Test Cases

Test Cases for Primary School Teacher 4 (Ethan):

6.1 Verify that every student can easily access their academic records and other essential information through the Student Information System (SIS).

6.2 Ensure the SIS seamlessly integrates with classroom activities, allowing students to track their progress and collaborate on projects.

6.3 Confirm that the integration of the SIS enhances digital literacy skills and fosters a dynamic and efficient learning environment.

Work Distribution

- Oluwademilade Adejube

- 5th, 6th, and 7th User Stories
- Use case diagram.
- Sequence diagram for 5th, 6th, and 7th user stories.
- Class Diagram.
- Test Cases.
- Presentation slides 6-9.

- Aimon Ajmal Mohammed

- 8th, 9th, and 10th User Stories
- Sequence diagram for 8th, 9th, and 10th user stories.
- Class Diagram.
- Architecture Diagram.
- Presentation slides 10-11.
- Video audio

- Paula Catalán Santana

- 1st, 2nd, 3rd, and 4th User Stories
- Use case diagram.
- Sequence diagram for 1st, 2nd, 3rd, and 4th user stories.
- Architecture Diagram.
- User Interface Design
- Report final layout.
- Presentation slides 1-5.