



Attendance Tracking Proposal

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Group 4



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Project Description

Description

The project is designed to streamline the process of taking attendance with features such as:

- Tracking record through QR code
- Checking record
- Generating QR Code
- Adding student and faculty members account through web admin



Project Overview

- **Goal:** Create a functional student tracking application through QR code
- **Objective:**
 - Create the QR code feature
 - Create the feature to check records
 - QR creation by faculty member
 - Web admin for adding student and faculty member



Project Scope

What is included?

- Tracking attendance through QR code scanning
- QR code generation
- Report history and report generation

What is excluded?

- SQLite database

Deliverable

- Functional QR code attendance scanning
- QR code generation function
- Record checking function
- The ability to add students and faculty members into database



Project Scope

Milestones

- Milestone 1: Finish Designing Figma Mockup
- Milestone 2: Implementation of user authentication system and Back-end
- Milestone 3: Documentation and Slide Presentation
- Milestone 4: Finalization phase

Acceptance criteria

- Successful implementation of QR scanning attendance
- The ability to check record of students and faculty members

Assumption

- Sufficient development tool and technology

Constraint

- Time constraint



Project Architecture

Component

- Android App for students
- Android App for faculty
- Web admin



Project Methodology

- **Planning:**

- Identify Requirements
 - Scanning QR codes
 - Recording attendance
 - Providing reports
- Set Goals
 - Complete app design
 - Implement features
 - Test functionality

- **Design:**

- Create Mockup
 - Use Figma or similar tools
 - Visualize layout and flow



Project Methodology

- **Development:**
 - Start Coding
 - Use Java for Android development
 - Build Features
 - Test features as they're built
 - Fix bugs promptly
- **Testing:**
 - Test Functionality
 - Use app on different devices
- **Check scanning, attendance, and reporting**
 - Check for Bugs
 - Look for errors or unexpected behavior



Project Timeline

NO.	TASK	Week 1		Week 2		Week 3		Week 4	
1	Figma Designing Process start								
	- Re designing the mock up								
2	Start Coding								
	- Implement the back-end of the application								
3	- Documentation and slide preparation								
4	- Finalizing everything								

Project Team Structure

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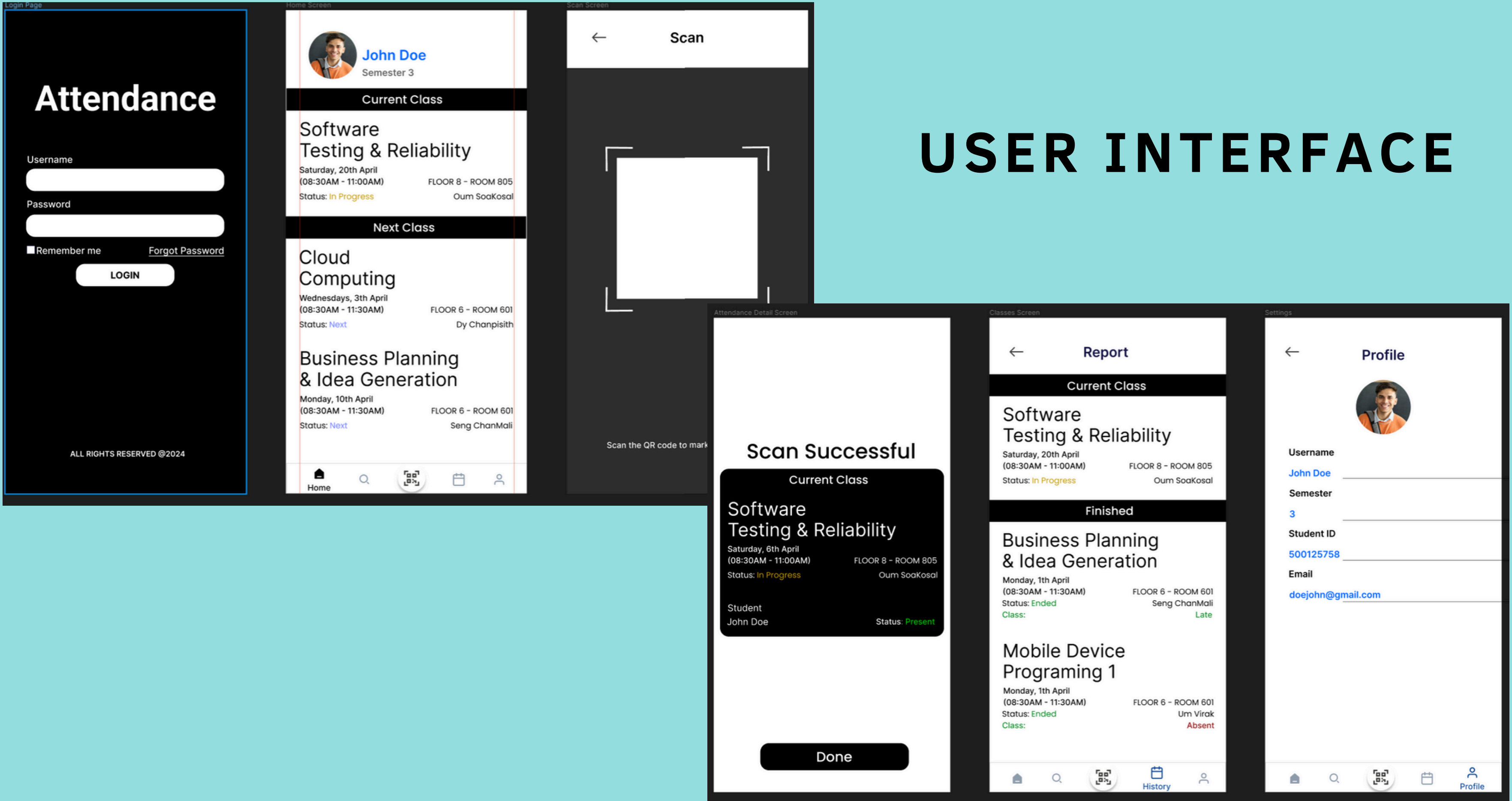
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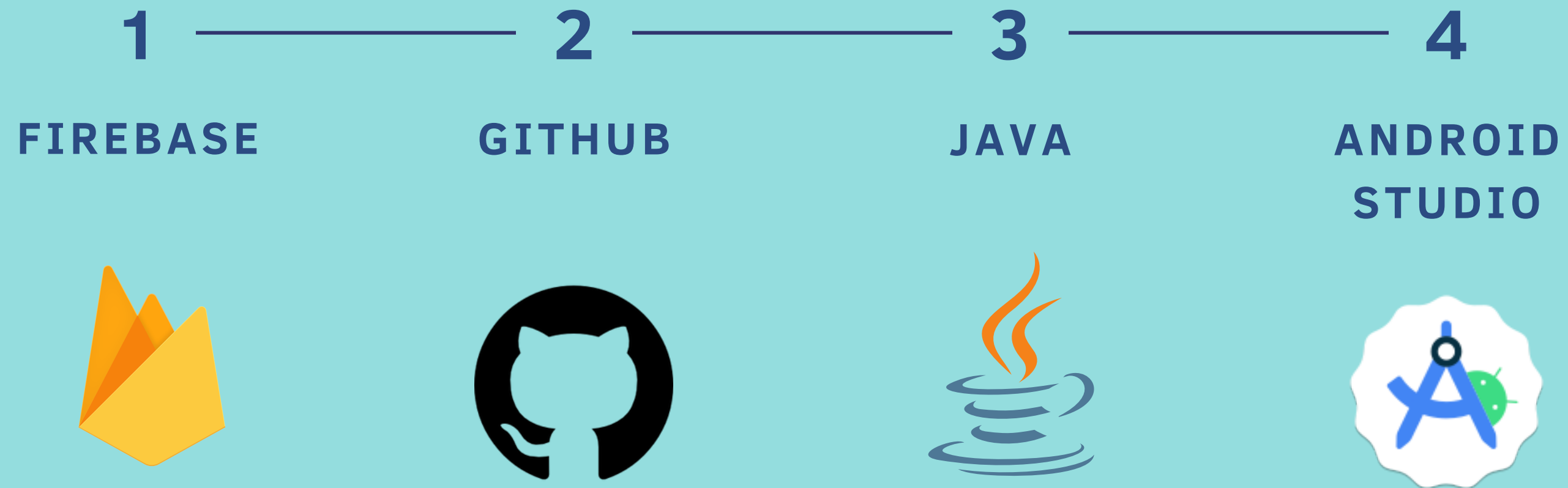
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Tool and Technology



Future plan

- Report Generation
- Better UI/UX Design
- User Profile
- Better Performance

