School Management Application
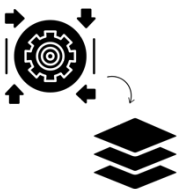
Name	ID	Specialization
Mostapha Abdulaziz Abdullah	227824	Artificial Intelligence

Functional Requirements:

1. **User Authentication**

   The system should allow users (students, teachers, and administrators) to register and log in using email and password authentication via Firebase.

2. **Student Attendance Management**

   Teachers should be able to mark students' attendance daily and students should be able to view their attendance records.

3. **Admin Class Management**

   Admins can add class and assign students to this class.

4. **Exam Grades & Transcript**

   Students should be able to view their exam grades, transcripts and performance for different subjects.

5. **Apply Leave**

   Students should be able to apply for leave by selecting a leave type, specifying the leave date, and attaching a supporting document if required. The system should allow students to submit their leave requests, see leave history.
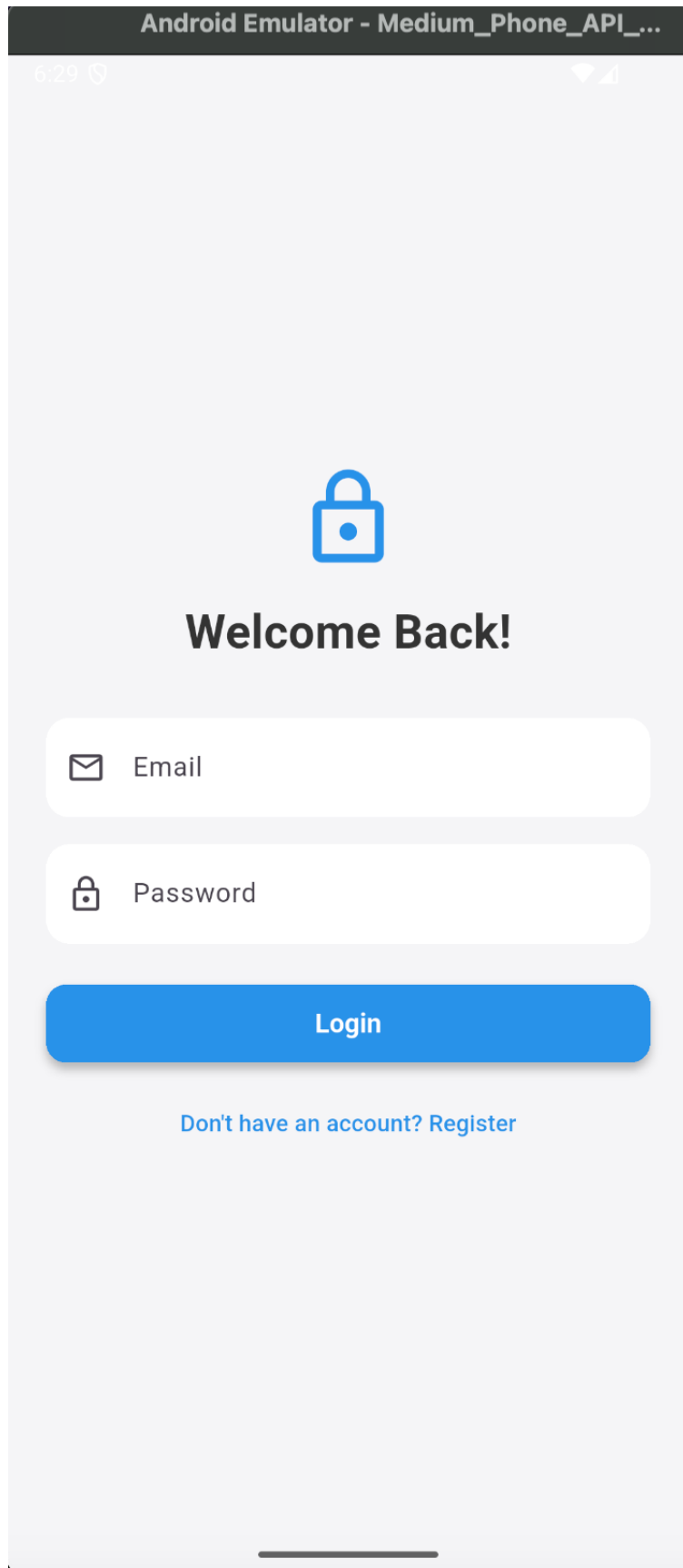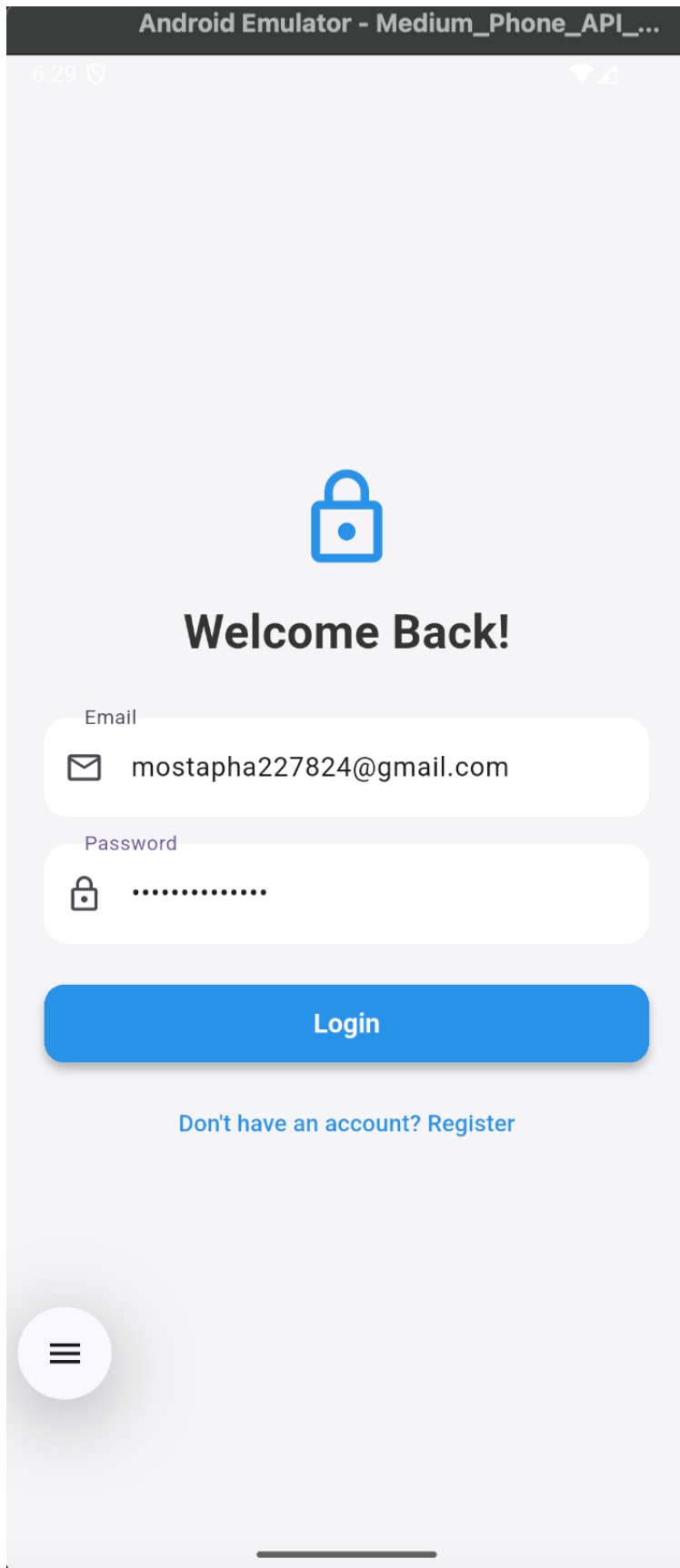
6. **Apply managment**

   Admin can approve and reject leaves. And then it will reflect on students leave_follow up page.

Code github repository: [Link](#)

Video Link: [Link](#)

Screenshots:

Android Emulator - Medium_Phone_API_...

6:29

Welcome Back!

Email

Password

Login

Don't have an account? Register

Android Emulator - Medium_Phone_API_...

6:29

Welcome Back!

Email

mostapha227824@gmail.com

Password

••••••••••••

Login

Don't have an account? Register

Android Emulator - Medium_Phone_API_...

6:30

Create Account

Full Name

mostapha abdulaziz

Email

mostapha227824@gmail.com

Password

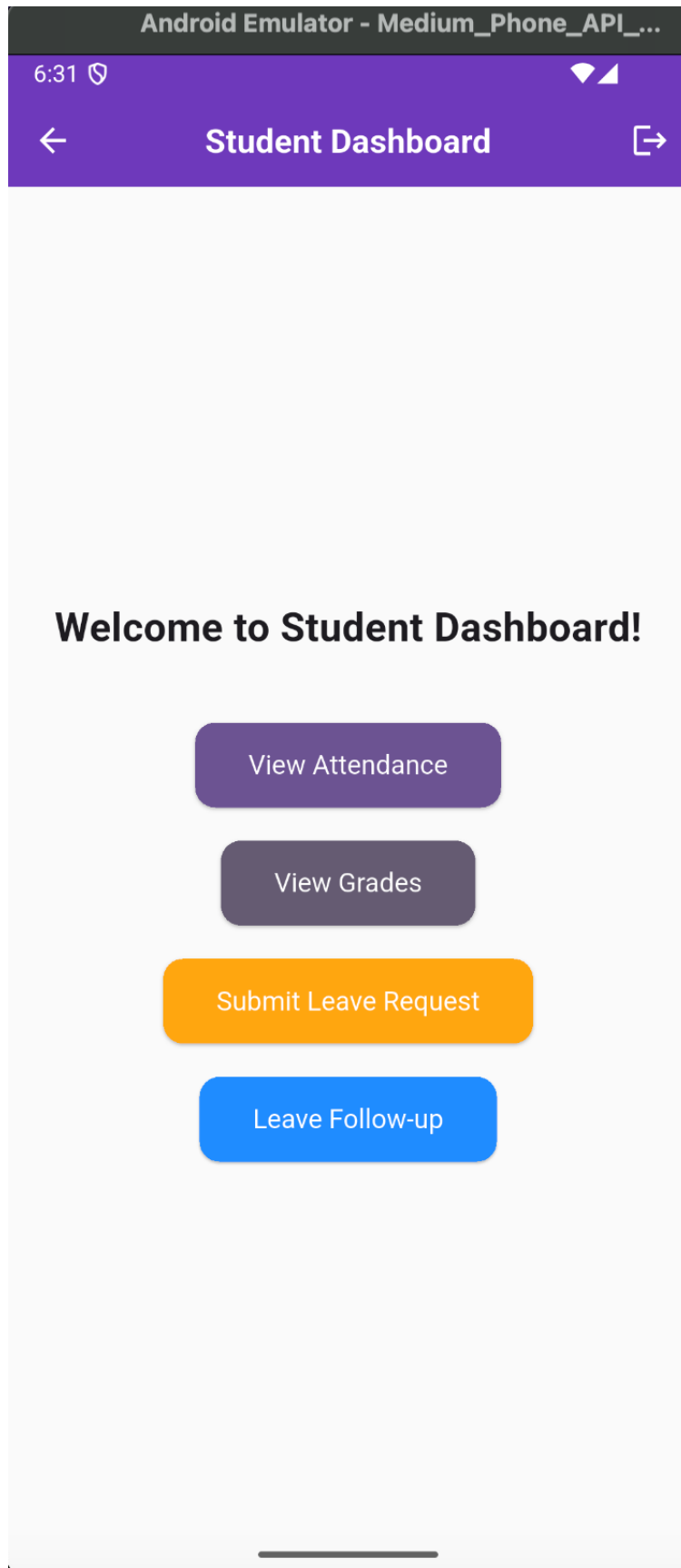••••••••••••

Student

Teacher

Admin

Already have an account? Login

Android Emulator - Medium_Phone_API_...

6:31

← **My Grades**

Mobile application ▼

Class: Mobile application
Grade: 34
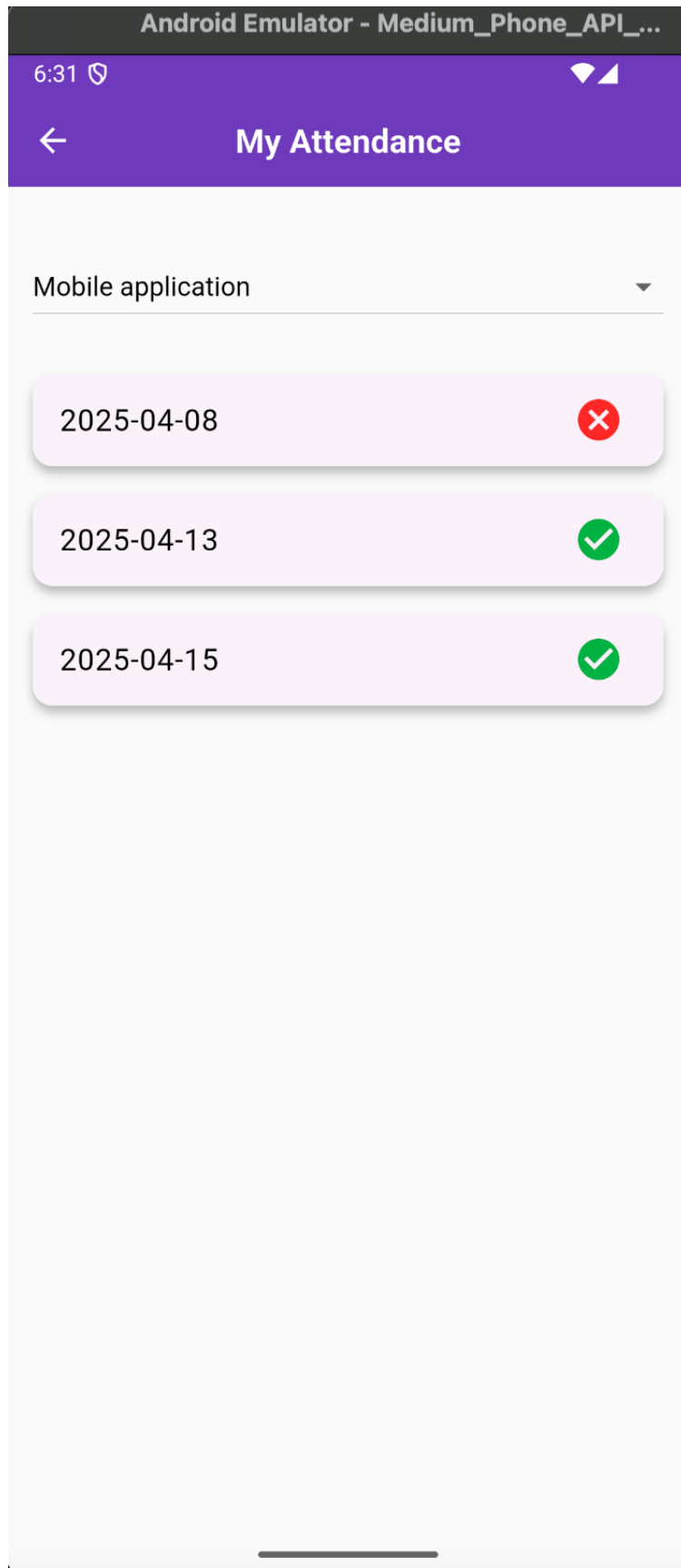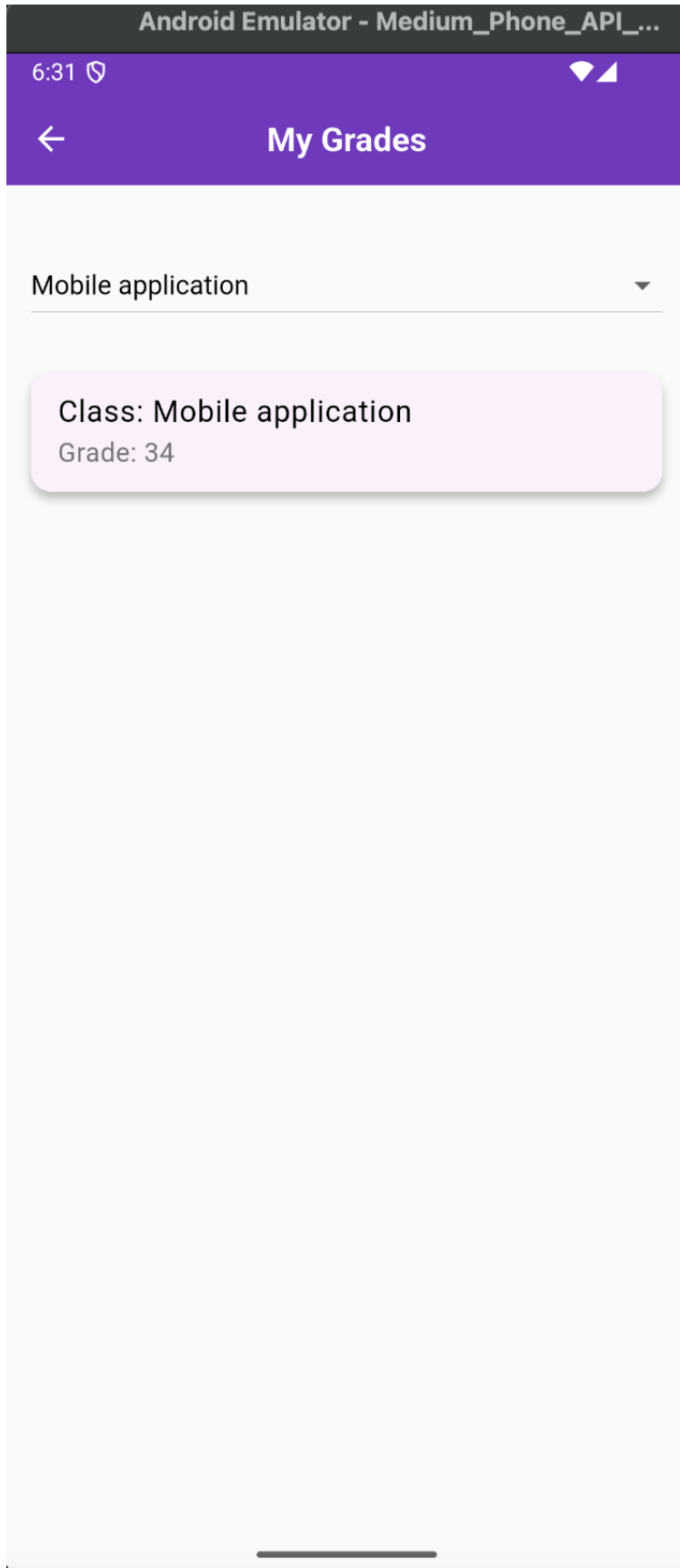
Android Emulator - Medium_Phone_API_...

6:31

← **Submit Leave Request**

Leave Type
Sick   ▼

Reason
I have a flu

Leave Date: **2025-04-17**

Submit Request

☰

Android Emulator - Medium_Phone_API_...

6:31

← Leave Request Status

Leave Type: Personal
Reason: fishing vacance   Status: Rejected
Date: 2025-04-08 00:00:00.000

Leave Type: Emergency
Reason: travilling   Status: Approved
Date: 2025-04-17
01:55:56.218505

Leave Type: Sick
Reason: i have a flu   Status: Approved
Date: 2025-04-15 00:00:00.000

Android Emulator - Medium_Phone_API_...

6:32

← **Admin Dashboard** ⤴

📕 **Add Classes** ›

👥 **Manage Class Students** ›

📋 **View Leave Requests** ›

Android Emulator - Medium_Phone_API_...

6:32

← **Add New Class**

Class Name

📑 computer Security
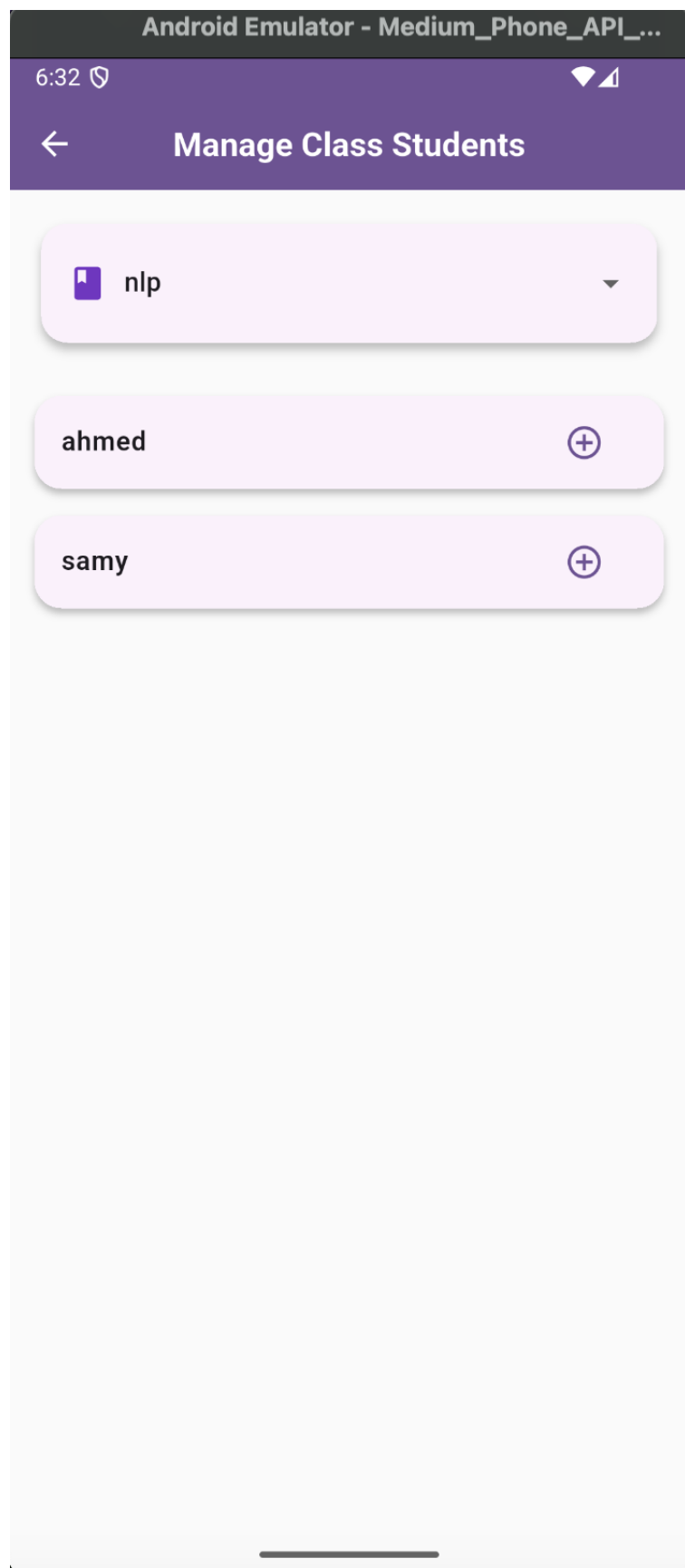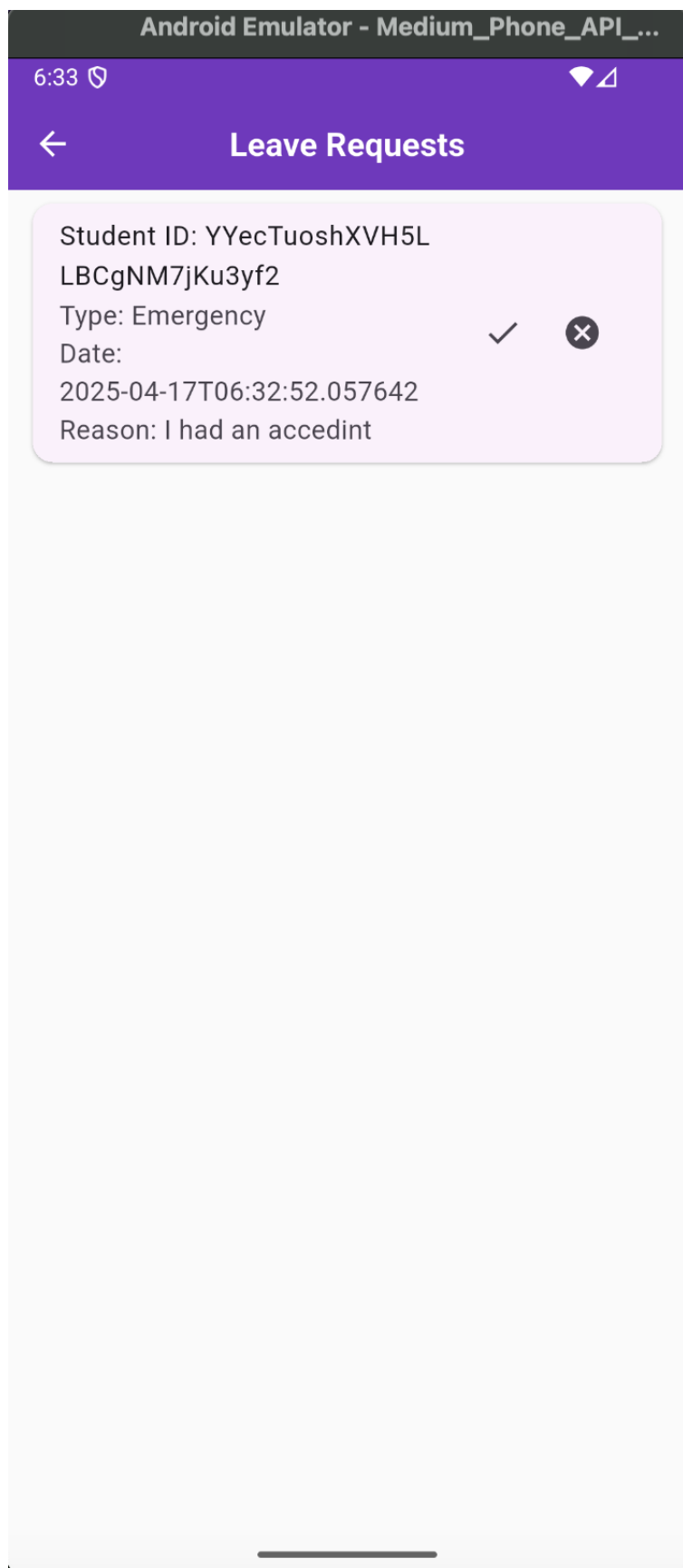
Assign Students:

☐ ahmed imad elsayed

☑ ahmed

☑ samy

☐ mostapha

☐ rana Ahmed emad

☰

+ Create Class

Android Emulator - Medium_Phone_API_...

6:32

← **Manage Class Students**

🔖 nlp ▾

ahmed ⊕

samy ⊕

Android Emulator - Medium_Phone_API_...

6:33

Leave Requests

Student ID: YYecTuoshXVH5L
LBCgNM7jKu3yf2
Type: Emergency
Date:
2025-04-17T06:32:52.057642
Reason: I had an accedint

Android Emulator - Medium_Phone_API_...

6:33

← **Teacher Dashboard** ⤷

Welcome to the Teacher Dashboard

Go to Attendance Taking

Go to Grade Taking

Android Emulator - Medium_Phone_API_...

6:33

← **Teacher Attendance Taking**

Mobile application ▾

Select Attendance Date

ahmed imad elsayed
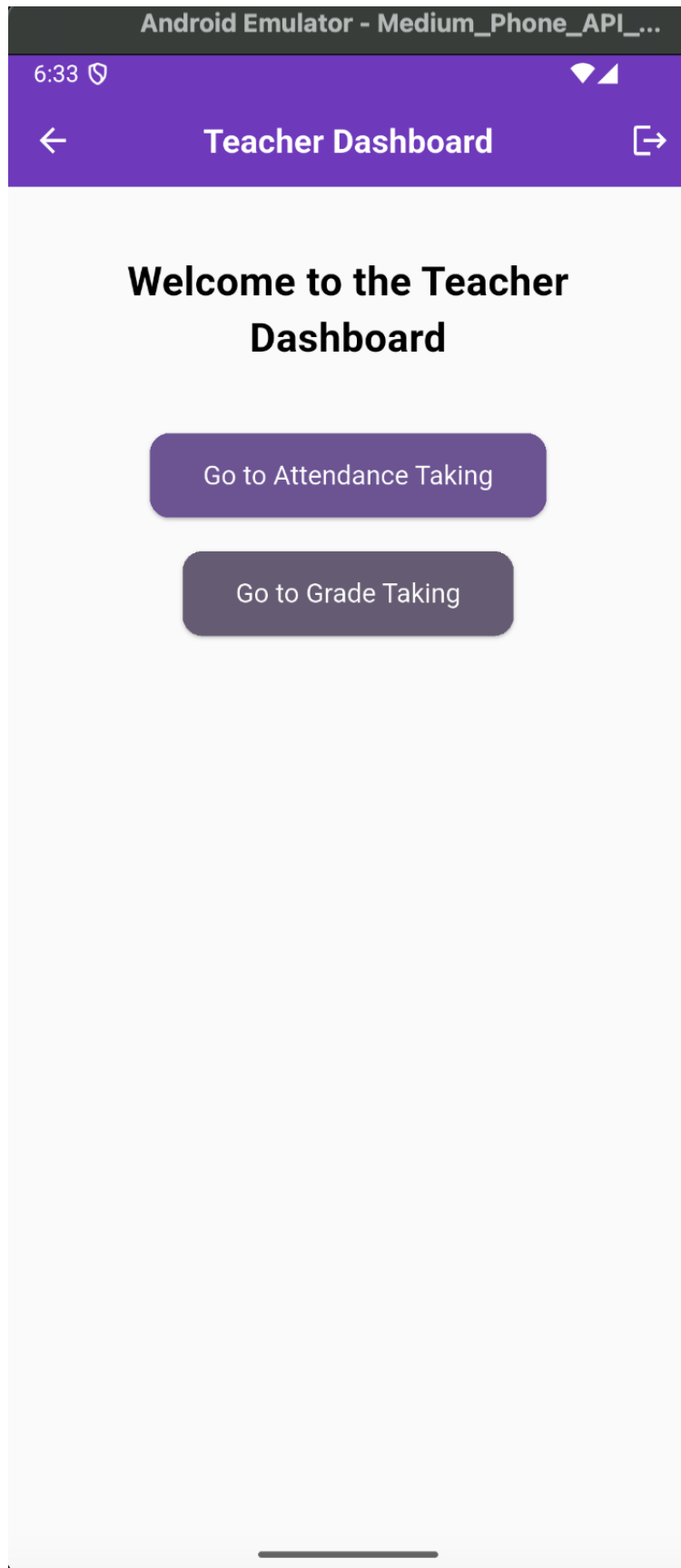
ahmed

samy

mostapha

rana Ahmed emad

Save Attendance
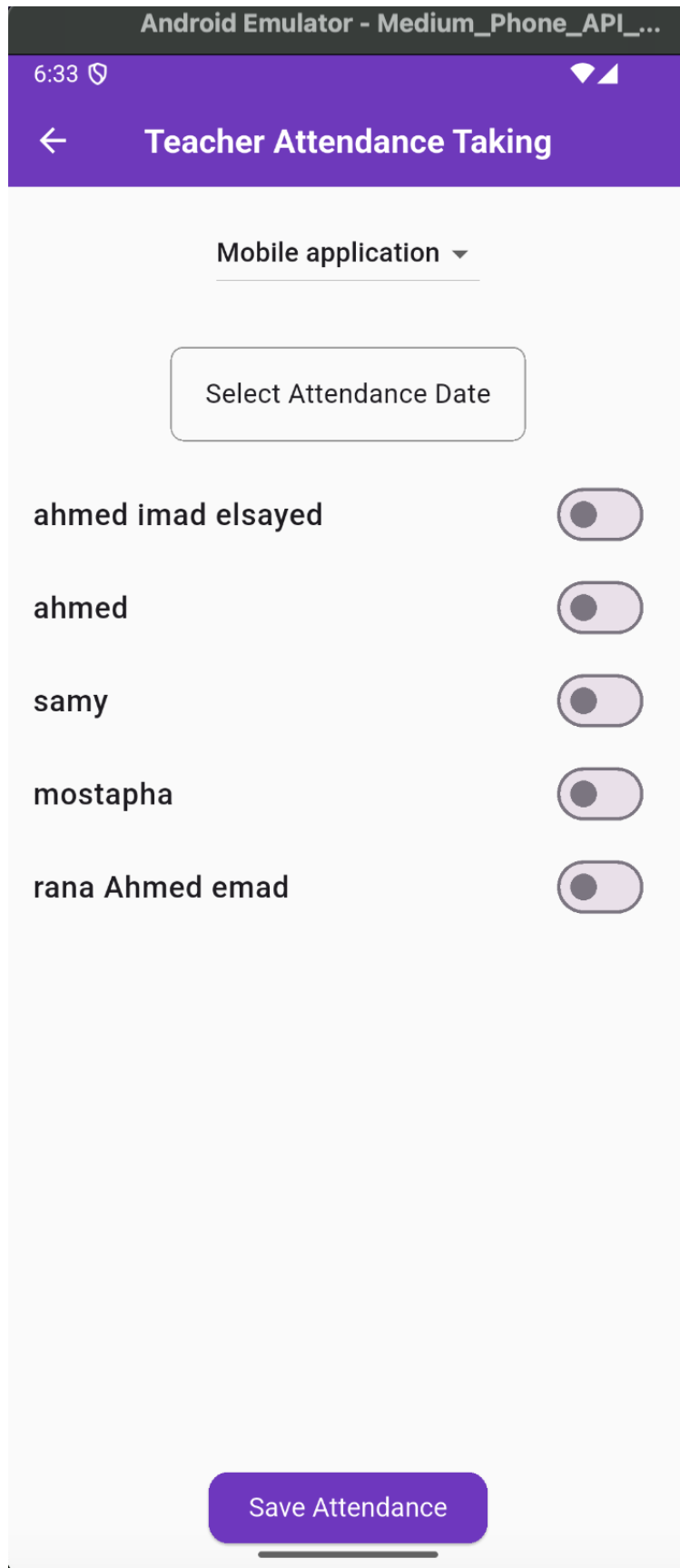
Android Emulator - Medium_Phone_API_...

6:33

← **Teacher Grade Taking**

Mobile application ▾

ahmed imad elsayed
Grade:

Enter Grade

ahmed
Grade:

Enter Grade

samy
Grade:

Enter Grade

mostapha
Grade: 44

Enter Grade
44

rana Ahmed emad
Grade: 55

Enter Grade
55

≡

Save Grades