



# Attendance management application

**Presented by Pulkit  
(GR.NO.12010477)**

**Under Guidance of Prof. Promod Patil**



# Introduction

For students today, especially those in higher education, mobile gadgets have become a way of life. Computers are rapidly being supplanted by small, portable smartphones that can be carried everywhere. The application Attendance Management System is used in schools and universities to track daily attendance. It offers the least amount of mistakes in the report generation of a specific student's attendance. This software's primary goal is to displace the established pen and register system. The software's ability that will automatically generate reports at the session's end or in between sessions is another reason for its development. The Android operating system on smartphones was chosen for this project because of its 70% market penetration



Title Page

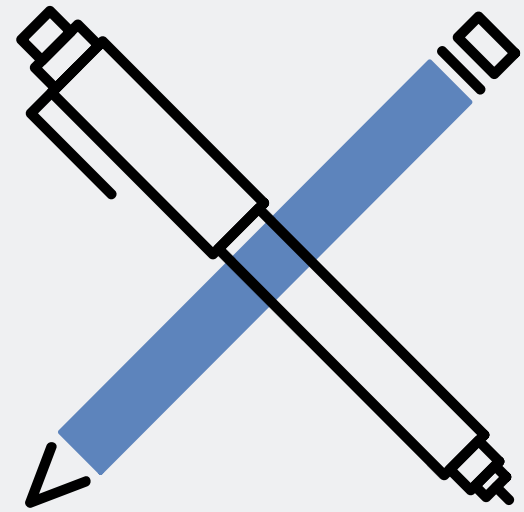
Introduction

Previous Systems



# Previous Systems

1. Manual attendance system
2. Rfid tag based attendance management
3. Bluetooth based attendance system



# Proposed System

1. User Friendly
2. Easy and fast report generation
3. Minimal Paperwork
4. Time saving



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Proprietors

Introduction

Review of Literature

Methodology

Software Requirement ✕



# Software

## Android Studio

1. Front end Java
2. backend firebase



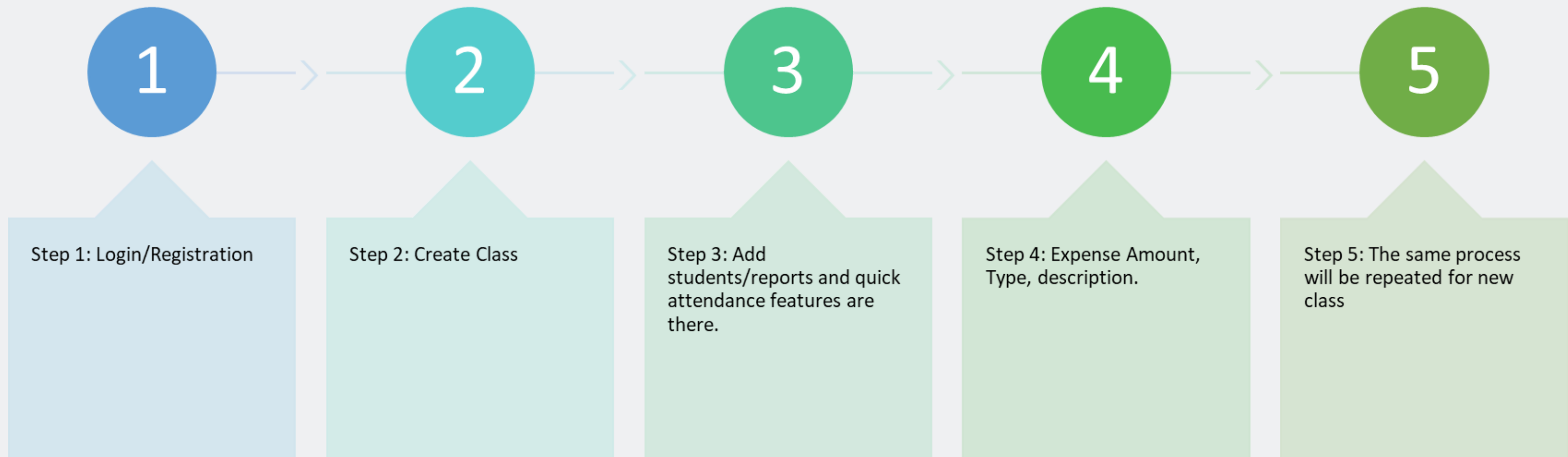
**Android**  
Studio



**Firebase**

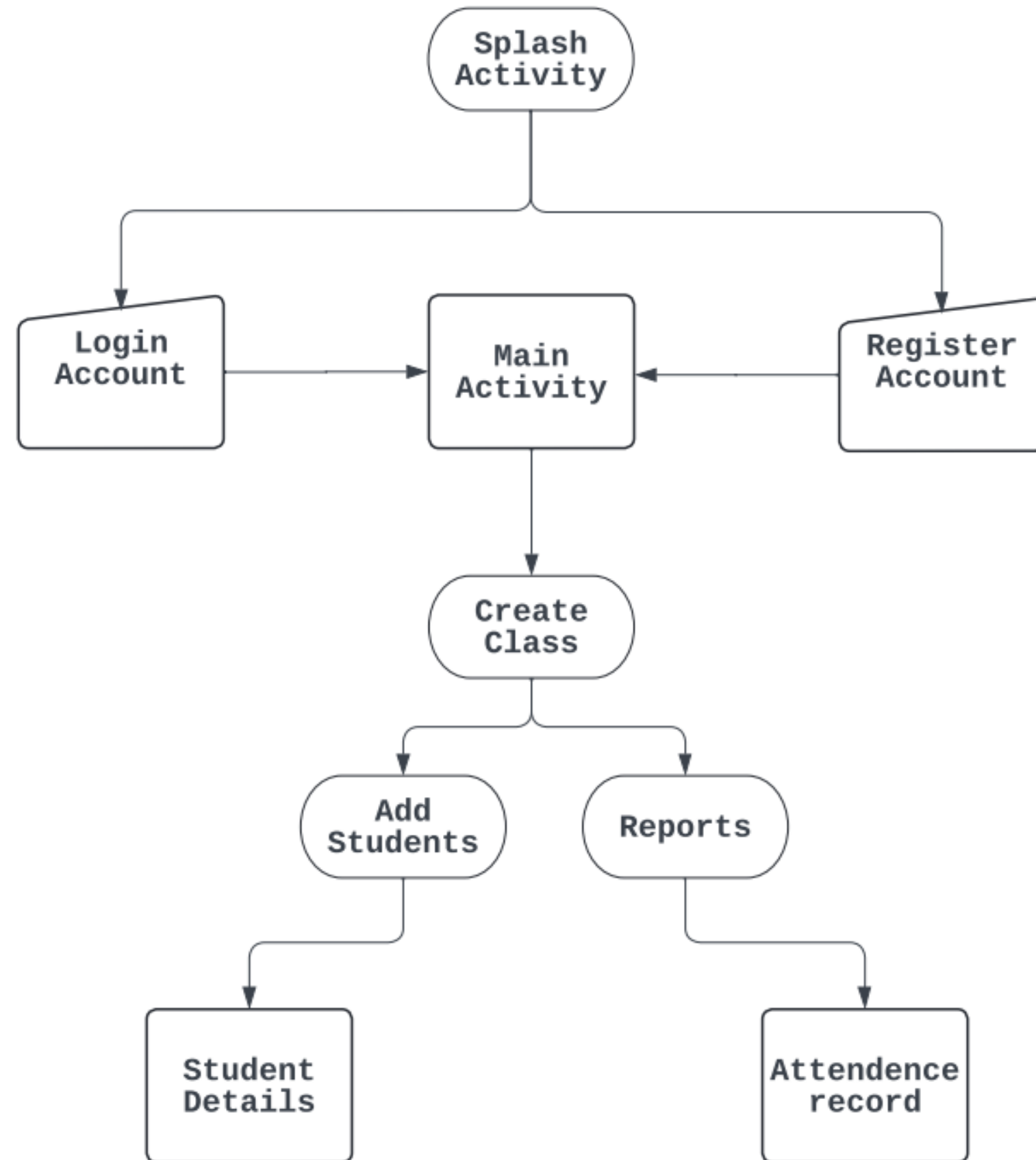


# Working algorithm.





# Workflow





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Proprietors

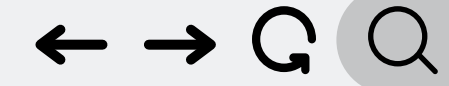
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Results



# Results

Login and Registration page:

1:23 AM

WELCOME  
LETS GET STARTED.

Login to your account

Email

Password (Must be 8 characters long)

LOGIN

Don't have an account? Sign Up Here

1:23 AM

Welcome  
LETS GET STARTED.

Create a new account

Email

Password must be (8 characters long)

REGISTER

Already have an account? click here to login





Title Page

Proprietors

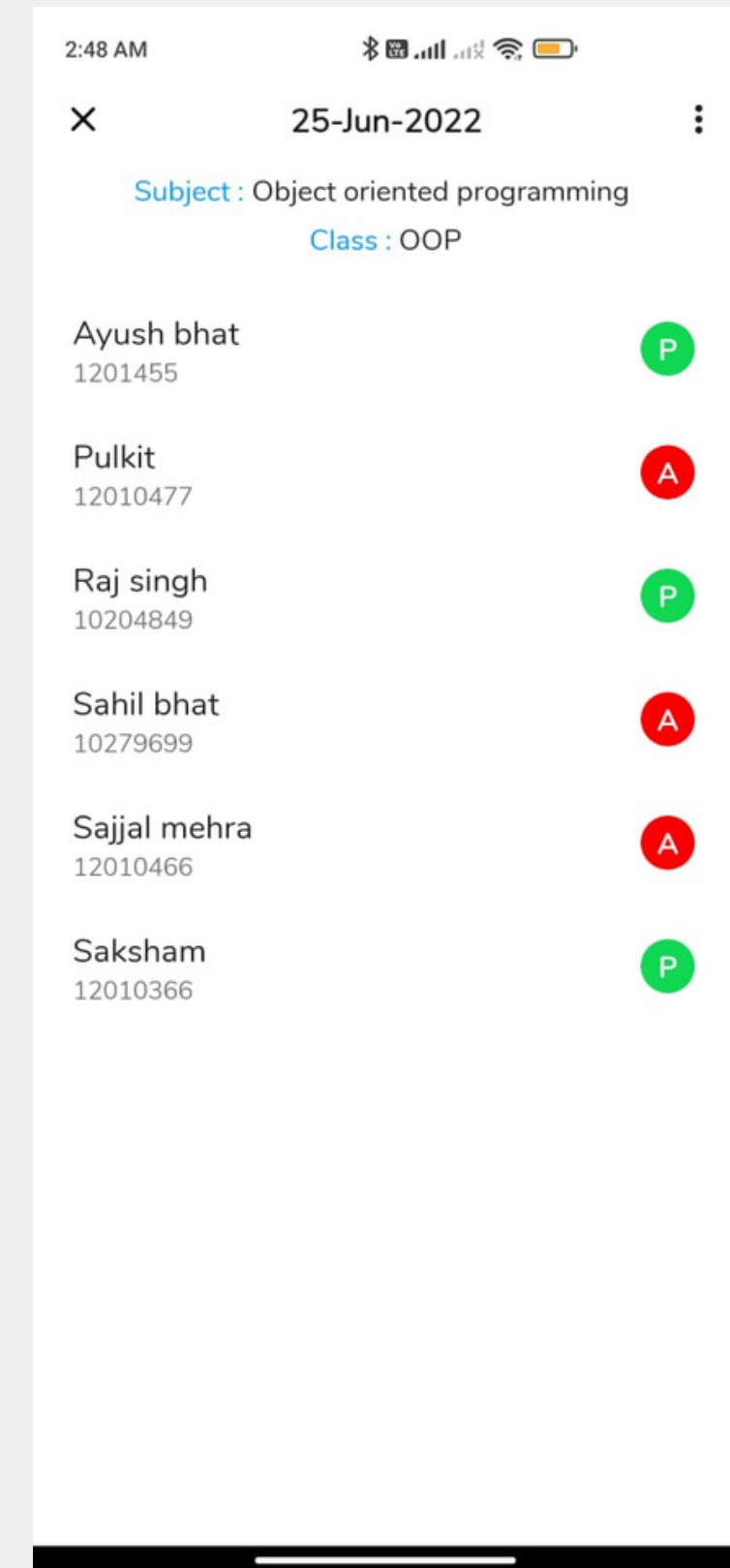
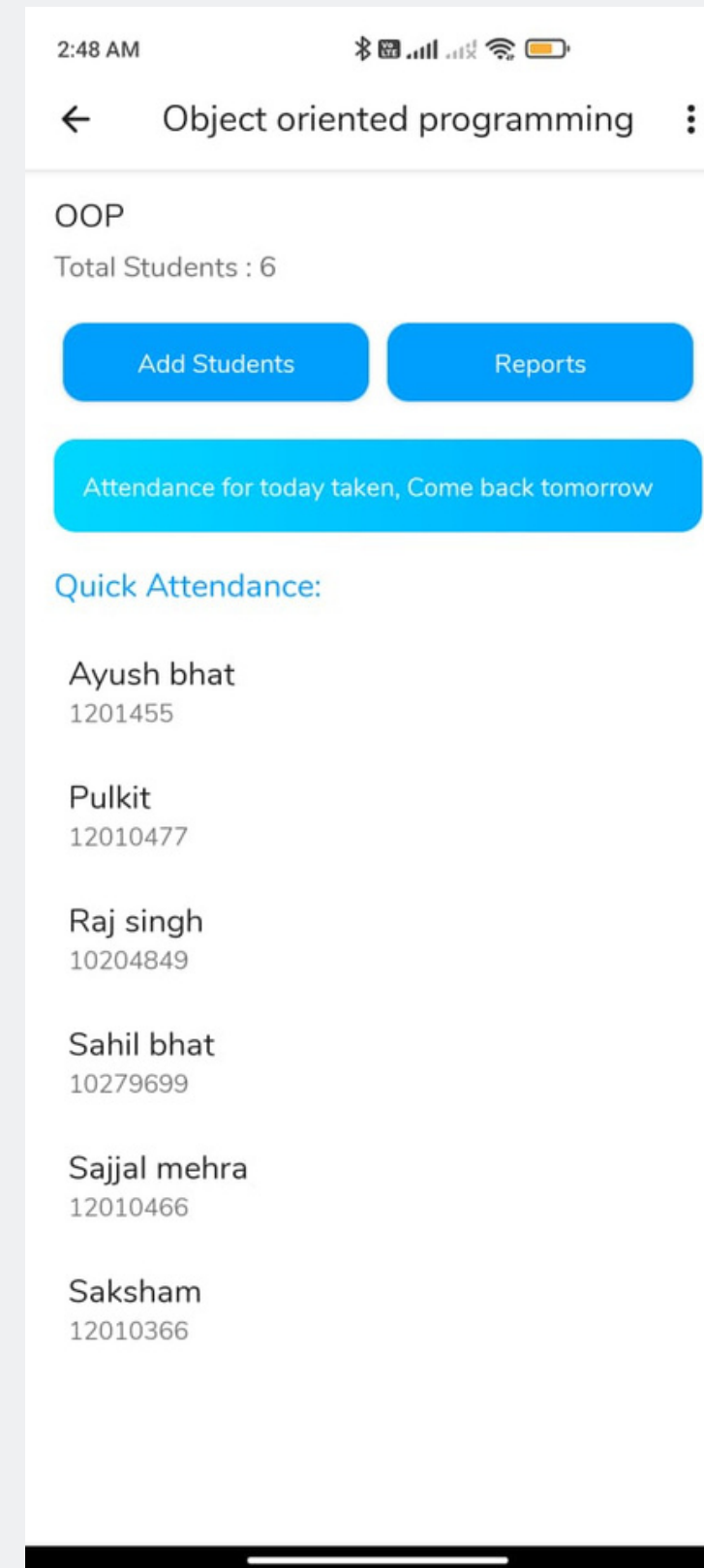
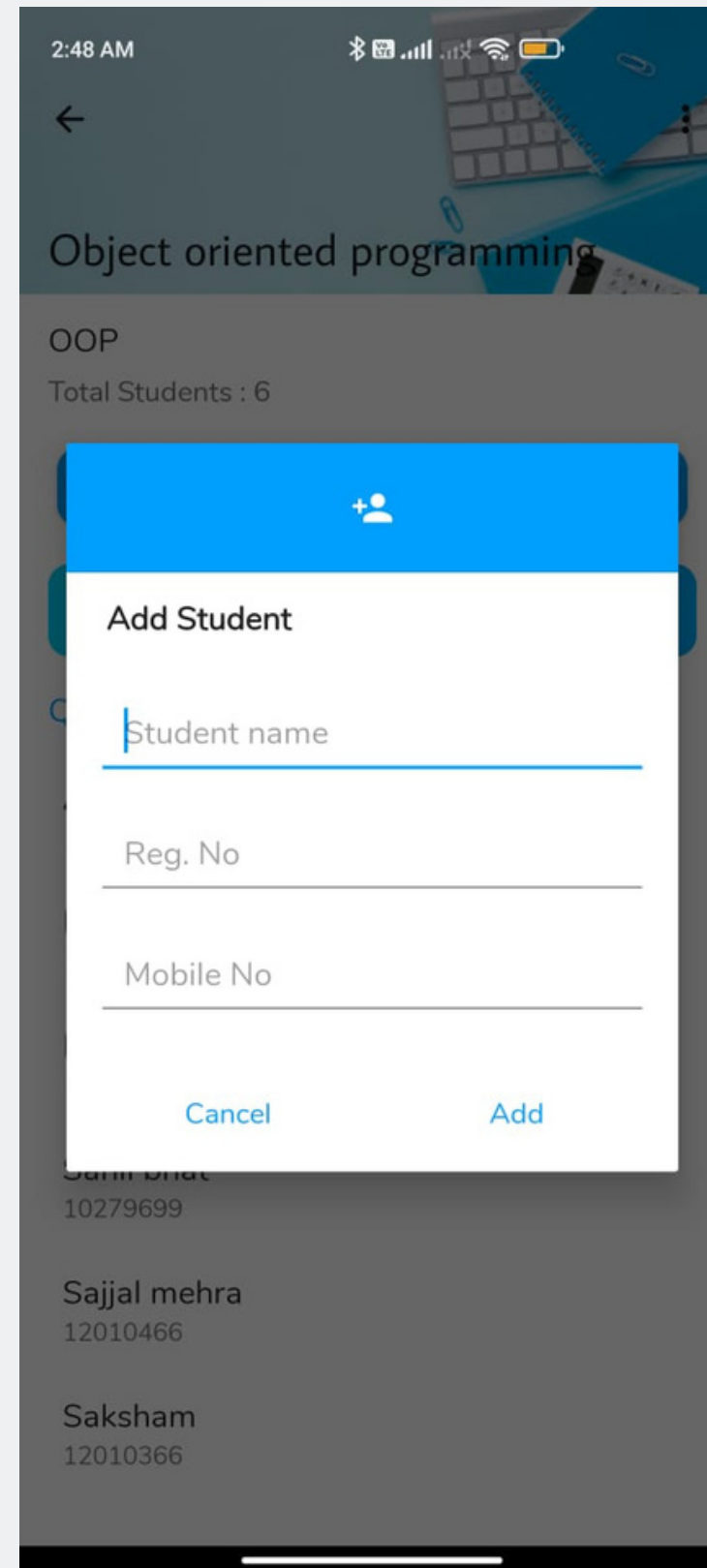
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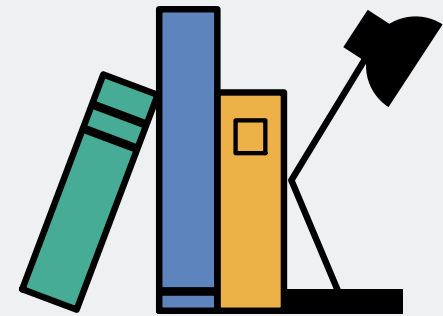
# Future Scope & Conclusion



1. Data can be Converted into Exel data or in google sheets
2. We can insrease user registration limit if needed.



This Sysytem has offered a convenient method of attendance marking in terms of performance and efficiency. Additionally, the system is user-friendly and has a simple interface because data change and retrieval are possible through the user interface, which makes it a universal attendance system. Additionally adaptable for use in any school system.



# References

- |    |  |    |  |
|----|--|----|--|
| 01 | <b>Rakhi Joshi, "Android Based Smart Learning and Attendance Management System", June 2015.</b>      | 04 | <b>Kadry, S. and M. Smaili. 2010. "Wireless Attendance Management System Based on Iris Recognition".</b>   |
| 02 | <b>Ganiyu R. A., "Mobile Operating Systems and Application Development Platforms", July10, 2014.</b> | 05 | <b>"AndroidArchitecture",<a href="http://www.tutorialspoint.com/andoid/andoid_architecture.htm">http://www.tutorialspoint.com/andoid/andoid_architecture.htm</a></b> |
| 03 | <b>Usha Rani&amp; Ramya Krishna, "Overview of Android For User Applications", November 2014.</b>     |    |  |