Muhanad Hariri
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UMM AL-QURA UNIVERSITY
جامعة أم القرى
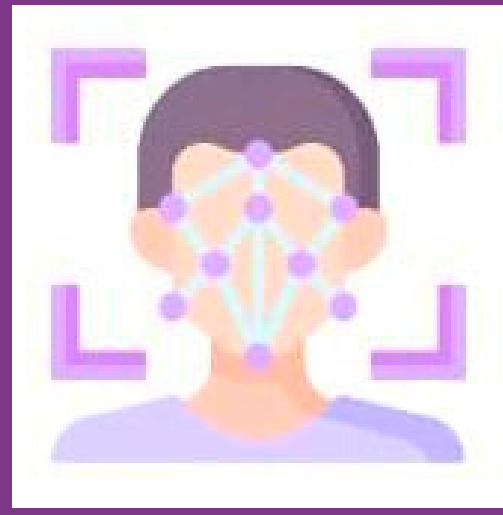
# Face Recognition Attendance
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## 1 INTRODUCTION

This project aims to build and design a mobile application for doing attendance using face recognition on a mobile phone
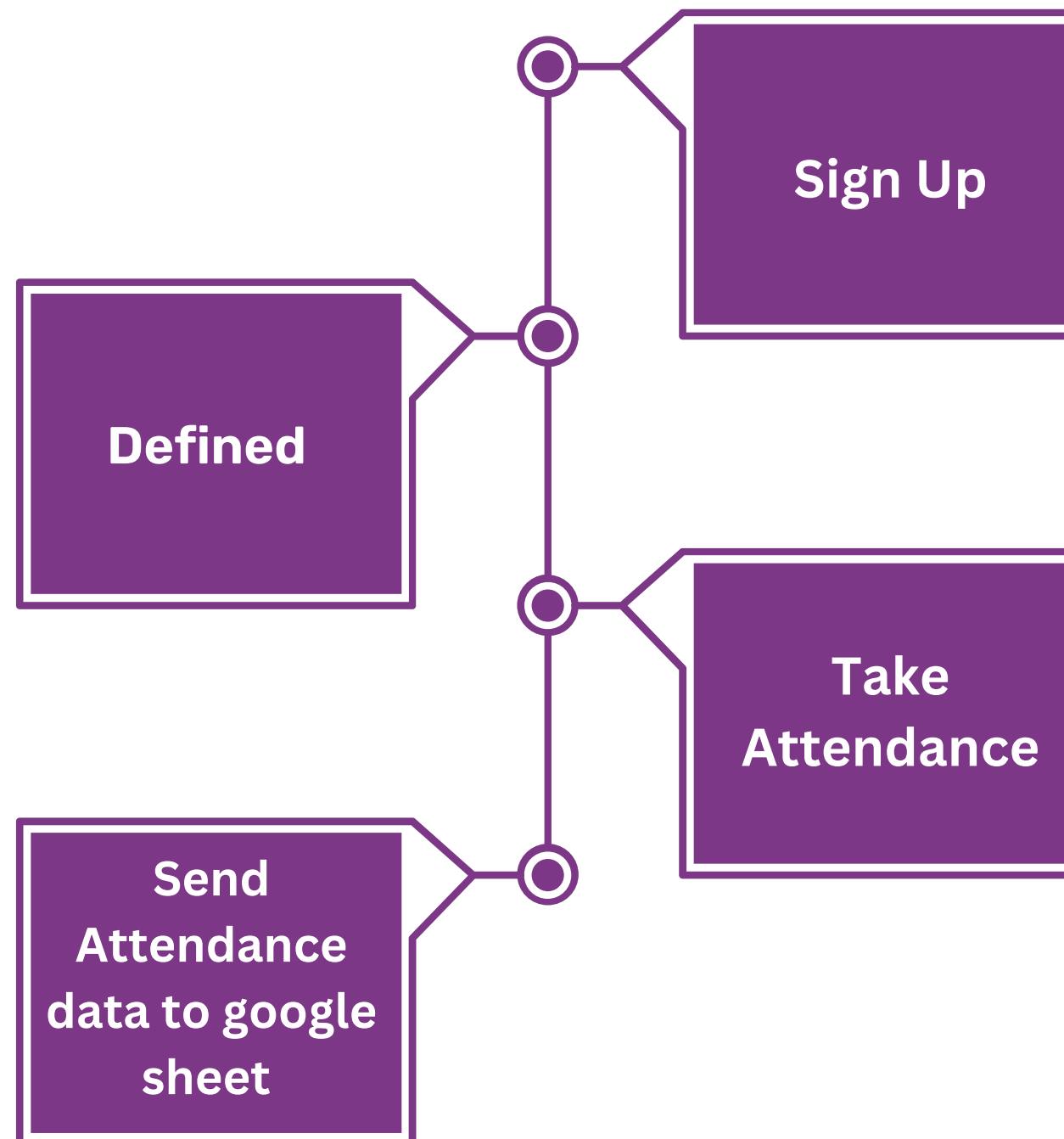
## 2 OBJECTEVS
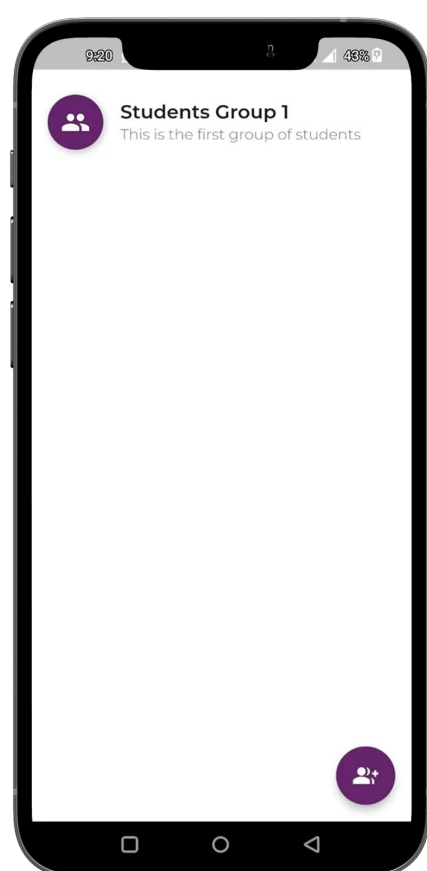
Simplify and save time and effort by using technology.

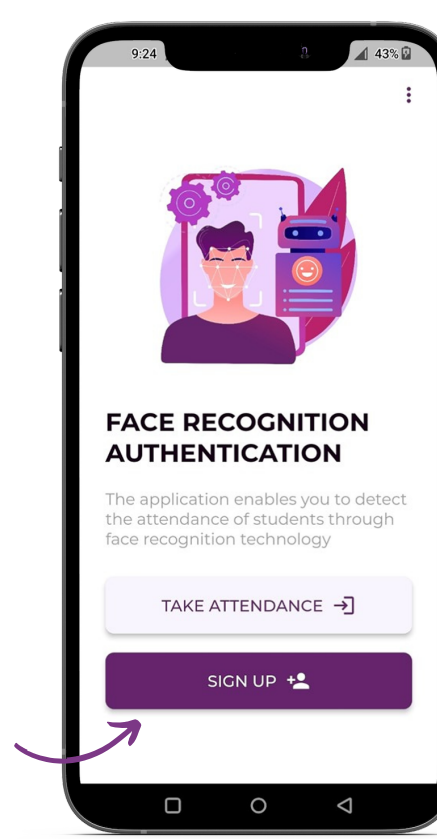Make the attendance process easier.

Continuous development in the application.

Sign Up
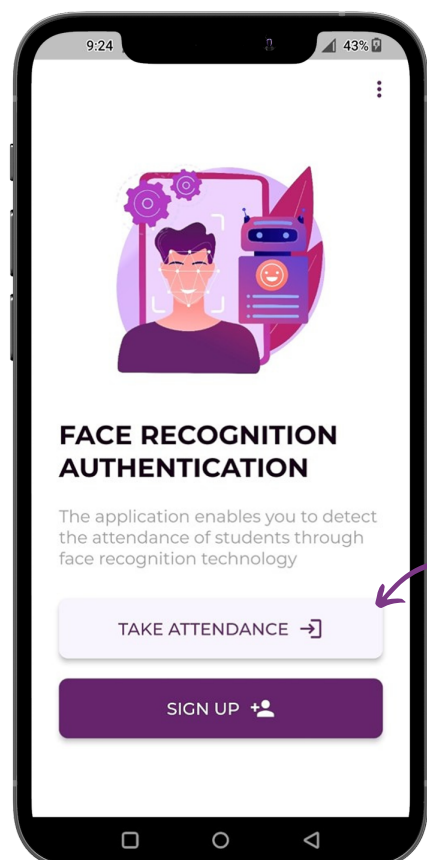
Defined

Take Attendance

Send Attendance data to google sheet

**Step 1**



**Step 2**

Students Group 1

FACE RECOGNITION AUTHENTICATION

The application enables you to detect the attendance of students through face recognition technology.

TAKE ATTENDANCE
SIGN UP

To define your face print

**Step 3**

FACE RECOGNITION AUTHENTICATION

The application enables you to detect the attendance of students through face recognition technology.

TAKE ATTENDANCE
SIGN UP

**Step 4**

Hi std1!

Attendance Sheet

LOG OUT
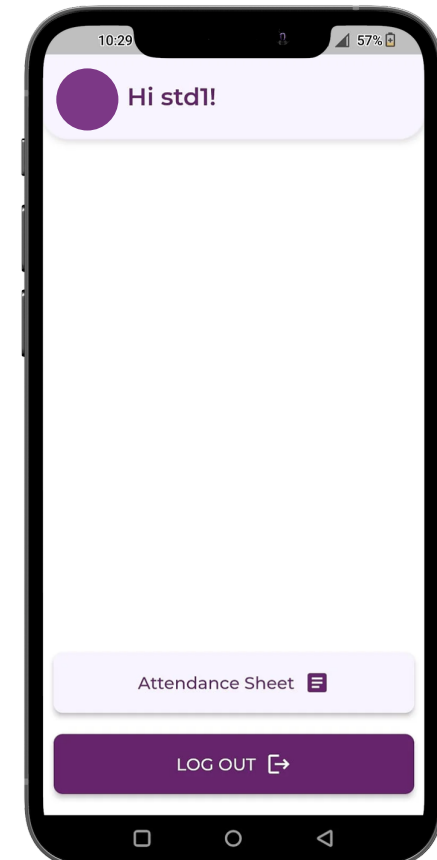
## 3 METHODOLOGY

## 4 INSTRUCTIONS REQUIRED FOR ATTENDANCE

⚠ WARNING
Remove anything that might affect facial recognition

## 5 CHALLENGES

- record all attendance records online using Google Sheets, to be available at any time.

- Attending more than one person in one picture.

- Reduce attendance process time.

## 6 FUTURE WORK

- Developing algorithms and techniques for MLKit. to make the facial recognition process more accurate.

- Connect our application with various human resources systems such as: ERP-System.

## TOOLS

android studio | Flutter | ML Kit | Google Sheets

## CONCULOTIN

There is competition, methods, and many mechanisms for smart Attendance, but to compare them, the only criterion to compare them is the period time in the Attendance process. If the techniques and algorithms are properly exploited and developed, our method of smart Attendance will be the easiest, most used, and least time-consuming.

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E-Copy of the project: