**SCIT CLASS ATTENDANCE APP**

**PROJECT SCOPE**

Overview

**Project Description**

School of Computing and Information Technology is one of the schools in Technical University of Kenya. The school has been using manual signing sheets for students to sign attendance and confirm that they really attended lessons.

This project’s aim is to automate the attendance signing, whereby the school secretary will add units and student names of students taking various units. During a class, students will access the application and sign their attendance by checking a box next to their name. The lecturer can then access and keep records of student attendance or the units they teach. The system will help to show an attendance record for each student at the end of the semester/term

**Project Scope**

The system will enable school secretaries to add various units in a particular semester and student names to the app. Each student can sign attendance by checking a box against their name from the list already created by the secretary during a class. The lecturer will be able to access student attendance records from the app. Lectures are therefore able to monitor and know students who attend class from the records.

**Functional Requirements**

The system is a mobile application with the following capabilities:

* Class attendance can be signed in the app by the student in every class
* School secretaries can add to the app various units and the students taking the units
* Lecturers can access records of attendance of every student over time

**Deliverables**

* System Designs
* Functional requirements
* Test strategy
* Android application

**Implementation Plan**

The project will begin with creation of the designs will be used in the application, which will be designed in Figma.

The development of the application will follow after designs are created whereby different activities will be done in Android Studio to implement the functionalities of the application and generally create the application

**Schedule**

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| --- | --- | --- | --- |
| # | Date | Description | Comments |
| 1 | 19/9/2022 – 24/9/2022 | Designs |  |
| 2 | 24/9/2022 – 28/9/2022 | Class Activity |  |
| 3 | 28/9/2022 – 7/10/2022 | Attendance Activity |  |
| 4 | 7/10/2022 – 16/10/2022 | Reports Activity |  |
| 5 | 16/10/2022 – 23/10/2022 | Integration of activities |  |
| 6 | 23/10/2022 – 30/10/2022 | Testing and Submission |  |

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| Approved By |  |  | Date |  | Approved By |  |  | Date |