Revision of Project Draft / Proposal for 2nd Quarter:

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**Project Title: Self-record Attendance System**

**Project Description**

Our project is called the **Self-record Attendance System**. The main reason we chose this is because taking attendance still has a lot of problems. Manual attendance takes too much time since someone has to check everyone. On the other hand, the automated attendance in our campus such as the QR scanner/terminal can be considered automated and faster, but *one terminal can only accommodate one student at a time. Even if there were multiple terminals, its unsurprising that there would still be lines of students waiting.*

With our project, we want to make an attendance system that can make things easier and faster. Students will be able to record their own attendance instead of depending on just one person or one scanner. At the same time, the system will have features to avoid cheating, so students can’t just “fake” their attendance *(Essentially, the previous sentence is saying that we’re trying to avoid a “false positive” in a student’s attendance, specifically those who are recorded as “Present” when they’re actually not.)*

Some features we plan to add are a log in and log out system, attendance tracker creation/checking, time-based attendance checking, settings, and notifications. The program will also give messages when a user enters something wrong, so it’s clear and easy to use. *To add on, there will be a feature that allows one to check the report / summary of their attendance list. This can make the process of reflecting a student's attendance smoother and efficient.*

Our main goals are:

• To allow students to record their own attendance. *(Mainly for classes in different subjects)*

• To make sure the system checks the inputs and outputs properly so there’s no dishonest recording.

• Overall, this project will try to solve the problems of slow attendance systems while making the process fairer and more organized.

**Features**

• Log in and log out program feature

• Option to (create/check, record) an attendance checker

• Current time utulization for checking attendance *(This will be part of the second feature / the feature above this text.)*

• Attendance list: Summary / Report

• Settings feature

• Notifications

**How to run the program**

1. Make sure you have Python installed.
2. Download the file Attendance\_Checker.py.
3. Open a terminal or command prompt.
4. Run the program by pressing F5 or clicking 'Run'
5. Follow the on-screen instructions to enter log in authentication, options for attendance checkers, etc.

**Example Output:**

Enter Account Name: *Gabriel Aaron L. Alve*

Enter Account Password: *Gaalve*

Attendance Checker:

Date - October 6, 2025, 7:15 AM

1 - Attendance Checker Options

2 - Settings

3 - Log Out

Enter Decision: *1*

Attendance Checker Options:

Date - October 6, 2025, 7:15 AM

1 - Create Attendance Checker

2 - View Attendance Checker

3 - Fill Out Attendance Checker

Enter Decision: *3*

Enter Attendance Checker Name: *2nd\_October* Week\_Camia\_

Enter PIN/Password: *GoodMorn!ng,P1saYCamia*

Attendance Successfully filled out.

Attendance Checker:

Date - October 6, 2025, 7:18 AM

1 - Attendance Checker Options

2 - Settings

3 - Log Out

Enter Decision: *3*

Session ended. If this is a mistake, type Y to go to log in. Otherwise, type anything else to leave: *N*

**Contributors**

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* Student 2: Claire L. Orejola (README)