

## Week 3 - Jan 30, 2026

GOAL State your goal for the Week	DATA COLLECTED State/list the data collected relevant to your project	PROGRESS State the progress you have made so far by the end of the week
Implement time tracking Implement time classification Implement a way to prevent duplicate scanning of QR code	We created variables that would store data, which is the list of students who scanned, as well as their Nth position in attendance. We also added the datetime module, to track the time.	Overall, we were able to meet the goals we have set, being able to make the time classification, as well as the time tracking and prevention of duplicate QR scan. We also replaced in-file scanning to live-scanning of QR via webcam

### STRENGTH

Our strengths include having a proper checking system as of now, which ensures if the QR hasn't been scanned twice. The live-qr scanning is also faster than scanning in the files, making the process more efficient. The attendance flow in our program is also easy to track and monitor, now that we established time tracking and classification.

### AREAS FOR DEVELOPMENT

Right now, although we have the list of students who scanned, we plan to show and print the list for the users to see after scanning their QR. This will allow for even quicker monitoring of those who scanned. We also need to let the user restart if their QR is not scannable, as well as alternatives for QR scanning if the webcam doesn't work.

### STRATEGY FOR SUCCESS

Our strategy for success is to maintain core functionalities (but make various changes if necessary), ensure data integrity and persistency, and improve user experience and error handling.