

Computer Science 2 Project  
Group Progress Report  
3rd Quarter

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## Week 2 - Jan 23, 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 a qr code generator in code Implement tracking of nth position of user Implement qr scanning	Downloading of important python packages Additional research on JSON format Implementation of saving qr codes	We were able to successfully generate a qr code for the student, as well as partially implement qr scanning and the tracking of the nth position, with minor errors that we could fix soon.

### STRENGTH

Our code has a user friendly interface, letting users quickly understand, as well as a simplified data structure, with only the full name of the student being required in order to generate a qr code for the student (if they don't have one). We also ensured that accessing the qr code after generating isn't complicated, letting it show automatically on the screen.

### AREAS FOR DEVELOPMENT

If possible, we could enable qr codes to be scanned via live image recording, because as of now, the qr codes can only be scanned via its digital files, rather than live videofeed. We also need to establish ways to prevent misdemeanors, like a student scanning their qr code twice, or scanning a broken/corrupted qr.

### STRATEGY FOR SUCCESS

We plan to focus on smooth organization of data, and the further development of the interface and other functions. It's also good to constantly run the program, even after minor changes, to ensure smooth development of the code.