

Loglock



What am I?

I am a website created for academic attendance. My function is to help students and teachers get a simpler and more convenient sign-in process for attendance. I am web based, which means you don't need to download any app to use me, yet. I'm still very young so I don't have many functions, but I've been studying hard, and I will have more functions in the future.

Application

This software is used for educational purposes, such as verifying university attendance and counting student presence in lectures. It offers professors and students a more precise and efficient method of tracking attendance, contributing to the enhancement of educational quality.

How it works

Our software is based on the python programming language, it has multiple databases, for example one is used to communicate the students account information to Loglock, and another is used to remember the check-in states. We use HTML, as well some python modules to make it available as a website. We are also using Gradescope as it can safely communicate students ID to LogLock as it does for canvas via LTI for attendance, and we also used the Amazon Web Services server so that everyone can access our website.

Technologies



Python



HTML



Amazon Web Services



Gradescope

Please log in to access this page.

Sign Up

Email Address

Enter email

Password

Enter password

Login

Goals

- Make in class attendance check-in easier for both teachers and students.
- Make check-in more accurate, regarding students being in the class and not at home or remote.

Challenges

- integrating Gradescope to our backend infrastructure for easier student to professor data.
- Deploying project to Amazon Web services.
- User linterface development.
- working around busy academic senior year

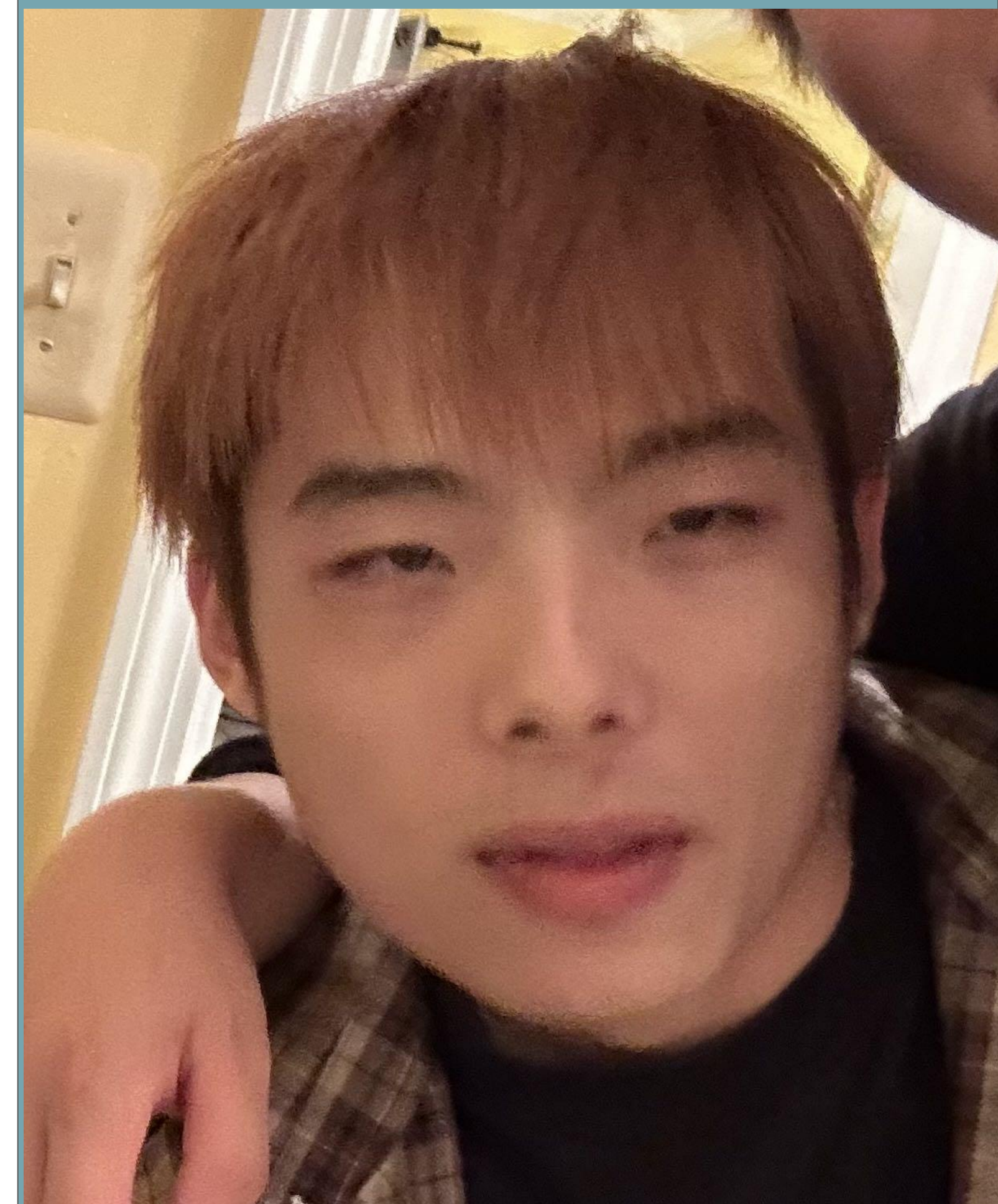
Future Work

- Design better UI for our software (currently in progress).
- Optimization of images and navigation.
- Future functionality on mobile devices in the form of an Application.

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