

Group: 202-1

Team Name: Work in Progress

Team members: Evan Kuehr, Kaylee Engelhardt, Nick Price, Leon Shen, Gunther Wallach

Application name: CU Swap

The features that were completed in this milestone were the basic HTML layout for our website. The login page, registration page, create post page, home page, and user profile page have been created. We started the backend database with some queries completed. During this demo, we were able to demonstrate how all the pages linked to each other and what the users would be able to interact with. There weren't too many issues with regards to front-end but a lot of difficulties are predicted to come with integrating both front end and back end. We will need to figure out how our front end will send get/post requests to the application server.

The database is complete except for the messaging system and the referencing of posts that a user made. We currently were planning on using a dynamically sized array to store the referenced users, but ran into an issue with being unable to store reference numbers in arrays in SQL. The issues are just with that limitation of SQL. But all of the queries, besides those related to messages and post referencing, are completed for use by NodeJS.

Our TA offered suggestions for advanced query techniques for the database, and potential consideration towards how we are storing data, as it could lead to issues with a scaled user base. If we choose to permanently store all the messages that were ever sent, this would take up a lot of space very quickly.