

Date: November 24th

Attendees: Emmanuel, Wail, Yesenia, Shichang

Notes:

- **Missing Features:** Key missing features identified were **prerequisites checking** and **waitlist functionality**.
- **Logout Functionality:** The team discussed adding a **logout button** for the user interface, but confirmed it should **not** close the server.
- **Data Persistence Bug:** A major bug was identified where closing the server **deletes/overrides data** in the `users.csv` file, reverting it to hard-coded content. This bug appears to affect all team members and resides in the Data Manager implementation.
- **Admin and User Logins;**
 - The current required administrator login is username: `admin1` and password: `adminPass` (P is capitalized).
 - User IDs follow a format: 'S' for student (e.g., S followed by a 4-digit number) and 'A' for admin (A followed by a 4-digit number).
 - The team successfully demonstrated creating new users, which are saved upon server closure (despite the identified deletion bug).

Task Delegation and Assignments

- **Emmanuel Task (Features):** Implement methods for **prerequisites** and **waitlist** features. He must use these methods within the `process enrollment` feature in the `System Manager` class and write corresponding **tests** in the `System Manager Test` file.
- **Shichang Task (Testing Refactor):** Shift focus from Virtual Machine (VM) setup to **refactoring the existing test suite**.
- **Wail Task (Bugs/Features):** Fix the newly identified data deletion bug in the Data Manager. Also, work on adding other missing server features.
- **Yesenia Task (Networking/Presentation):** Focus on **port forwarding** and changing router settings to allow external access to the server for demo purposes. Yesenia successfully configured the firewall/router settings and attempted to run the server on a new port (9999). She is also working on the presentation outline.

The goal is to separate existing tests so that each **tester method tests only one function/method/scenario**.

- **Shichang** also needs to integrate and confirm Emmanuel's new tests are ready.
- **Server Connection/Port Forwarding:**
 - Shichang's attempts to set up multiple Virtual Machines (VMs) to run 3 independent clients failed because the clients require a GUI, but the VM only supported terminal usage.

- VMs were confirmed to only run as local hosts and cannot be easily opened to the public, which is necessary for the presentation.
- The team decided that **port forwarding** is the better secondary option (the best being meeting in person).
- Technical issues prevented the server from running consistently, suggesting a bind issue (port 5000 was already in use), leading to attempts to change the port number to 9999.

Yesenia will work on port forwarding!

Will let team know tomorrow if it worked!

Next Steps:

Meeting tomorrow (Wednesday) at 3:00 PM to test the demo capabilities and review progress.