# Plan for ID5

## Project Manager

- Having a schedule of people's work and move people to the Dev or Q/A Team manually so that the tasks for Dev or Q/A team starts with no delays

- Having a more detailed documentation across all documents for ID5 Specifically on Project Architecture, Attendance for meeting, Assigned Tasks, Activity report, Meeting with Stakeholder notes, Software Requirements

- Making sure every team member is documenting what they are assigned with

- Scheduling a meeting to make some changes to code freeze date

- Attending Dev and Q/A team meetings to make note of tasks will be assigned in a priority matter. For example, if a task needs to be done fast, it will be given to the member with the most availability so that the task be done sooner, so other people can start their work

- Making deadlines for each issue during the poker planning or assigning issues to people

- Making sure people are using the Project Board in GitHub

## QA Team Lead

- Use the integrated profiler within Intellij to go through our backend code and generate a report of the results

- Research tools to perform load and stress testing and carry them out

- Perform acceptance Test cases

- Create a big automated end to end test case in Playwright that would simulate normal user interaction: Log into the page, upload files, ,download processed files, process files, download processed files and log out.

- Probably need to create

# Dev Team Lead

- Use profiling tools on the backend to identify areas of low efficiency and quickly strategize how to increase it i.e. Using stress tests, load tests etc to attempt to "Break" the system and put in place remedies to these issues.

- Concurrency is one of the top priorities and we will need to ensure ACID transactions are upheld.

- Adjusting the Webapp to display flawlessly on all devices it is operated on i.e. Making it responsive

- Optimizing code in the frontend as well as backend, making sure to use assertions and getting rollbar to log all errors.

- Developing unit tests for code in the backend, and refactoring code where necessary.

- Developing a minimizable Progress Bar for UX

- Creating user profile to enable users; Change their password, remove their data(All data they uploaded, processed or predicted on the application), Delete their account, Download all data.

- Deploy, Deploy, Deploy!

# Build Master

- Work on documenting our whole backend setup extensively. This will include our setup for local, staging and production. Our continuous deployment process, troubleshooting guides on deployment failure, cron jobs running in the server, docker hub base images and guides on how to upgrade/add dependencies to our R repository.

- Will also continuously look for any build problems or needs and will prioritize on working on those if the need arises.

# Risk Officer

- Improving documentation for tools used in our project

- Improving knowledge sharing between group members to improve cohesiveness

- Continued scanning for new risks

- Releasing risk forms to get feedback from team members to find out their concerns