User Testing Outcomes - HRDC Inventory Management Web App

Test Design:

For our user testing, we asked each participant to log into the system using the test credentials (email: nolanjenko@gmail.com, password: toby1346), navigate through the personal inventory management interface, and explore the app freely. The main goals were to ensure users could log in successfully, access key features, and experience smooth navigation without encountering errors. Each session lasted approximately one hour and included a mix of task-based actions (like login and page transitions) and open exploration.

Participants & Backgrounds:

Since our team includes 5 members, we tested with 5 users-one per group member. None of the users were Computer Science or Software Engineering majors, and none had prior exposure to our application. Our testers included:

- Emily G., Nursing major

- Jared T., Business student

- Monica P., Art & Design major

- Ben L., Education major

- Alyssa M., Psychology major

Testing Observations:

All users were able to log in successfully and access the core pages of the app. Most navigation was intuitive, and users generally understood where to find basic inventory tools and visual components. However, two key issues were noted:

- Font size was too small, especially for users on laptops.

- Graphs were difficult to see, particularly on smaller screens, due to limited contrast and size.

Lessons Learned:

This user evaluation reminded us how real users approach applications differently than developers.

Even when functionality works, the user experience can still fall short. Encouraging users to speak aloud while interacting helped us catch issues we had overlooked. We also learned the value of designing with accessibility in mind from the beginning.

Improvements Made:

- Increased the default font size across the app for better readability.

- Adjusted graph visuals by increasing contrast and resizing key data elements so they're easier to interpret on smaller screens.