

****Test Importing and Visualizing Match Data:****

1. ****Enable Pulling RIO Log Files (NetworkTables):****

- Open a new instance of the app.
- Log in with an existing account.
- Navigate to the home page.
- Hit 'Run Network Client'.
- Ensure that robot data has been collected, it will show up as a text file in the FRC-App folder.

(Acceptance Criteria #1, #2, and #4)

3. ****Refine Parsing Robot Data from Text File to CSV:****

- Import the text file containing robot data into the app.
- Ensure that data is successfully parsed and converted into CSV format for further use.

(Acceptance Criteria #3)

5. ****Implement Asynchronous Running for Data Collection:****

- Hit 'Run Network Client' and verify that data collection runs asynchronously without blocking the UI.

- Ensure that the UI remains responsive during data collection from NetworkTables.

(Acceptance Criteria #5)

6. ****Unit Testing with Robot Data:****

- Run the robot and capture control system data via the 'Run Network Client' UI.
- Hit 'Import Data' in the app and import the text file containing robot data.
- Ensure the data visualization is updated accurately based on the imported match data.

(Acceptance Criteria #6)

7. ****Add UI for Instructions for Adding Print Statements:****

- Navigate to the data import page.
- Ensure an 'Instructions' button is visible.
- Hit the button and verify that instructions for adding necessary NetworkTable print statements are displayed correctly. (Acceptance Criteria #7)

****Acceptance Criteria Summary:****

- Successful data import from RoboRIO NetworkTables.
- Proper parsing and conversion of text files into CSV format.
- UI button for log file pull functions correctly.
- Data visualization is updated based on imported match data.
- Pre-processing steps for RoboRIO data work as expected.
- Instructions for adding print statements are displayed clearly.
- Unit tests validate data integrity for both writing and reading phases.