

Sprint Review 3

Sprint 3 (3/01/2021 – 3/12/2021)

Team #4

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Product Owner: Connor May

Developers: Chris Geidans and Kaitlin Dosch

Goal:

There was one new goal this sprint. It was to get more functionality in the GUI. In addition to adding more functionality to the GUI our other goal was to continue working towards getting meaningful readings from the extensometer and meaningful data from the load sensor as well.

Stories Completed:

- Change Elongation Label to gauge length.
- Default SampleRate in Settingsview..
- Input Sample Rate.
- BUG: Dispose on close problem.
- Add platform look and feel.
- Pull default gauge length value from the saved settings into the input field.
- Units change for Settings and clarification.
- Convert what units the input values are in based on the default units in the settings.
- Implement live graphing functionality.
- Exit Button Functionality.
- Documentation Pages.
- Research the best way to pull data from the chip.

Stories Not Completed:

Ability to convert voltage reading to elongation and force is still incomplete. We were able to pull actual data from the load cell this sprint but could not complete the extensometer side of reading data.

Client Feedback

Dr. Hudoba suggested more units label to show what the number's associated units are. He discussed the units we should use as default. He also had an idea about the scaling of the live graphing. The live graphing axis should be able to be manually scaled based on the material being tested.