

Sprint 2 Report (2/3/2023 - 3/2/2023)

What's New (User Facing)

- Graph plotting speed improved
- Stop button
- Table functionalities

Work Summary (Developer Facing)

This sprint, our main focus was to improve the performance of the application along with completing some functional requirements. We added functionality to the table in the application and added a stop button which will reset the entire application. Our main challenge this sprint was figuring out how to improve the plotting speed and performance. We spent time improving the graph plotting so that it plots faster and doesn't slow down the rest of the application. Lastly, we weren't able to get any testing done, so we'd like to get started on that next sprint.

Completed Issues/User Stories

Here are links to the issues that we completed in this sprint:

- <https://github.com/WSUCptSCapstone-Fall2022Spring2023/biology-labviewtopython/issues/42>

Incomplete Issues/ User Stories

We completed all the issues that we opened this sprint.

Code Files for Review

- UI.py
<https://github.com/WSUCptSCapstone-Fall2022Spring2023/biology-labviewtopython/blob/main/mainUI/UI.py>

Retrospective Summary

Here's what went well:

- The client is satisfied with our advancements on the project and the plan for the rest of the semester
- We overcame the challenge of speeding up the graph plot

Here's what we'd like to improve:

- Open more github issues. We didn't open many this sprint, despite committing a lot of code
- We'd like to get more testing done since we weren't able to this sprint

Here are changes we plan to implement in the next sprint:

- Make a CI pipeline and start testing
- Remember to create issues on github