**SlugLoop Sprint #1 Report 4/25/23**

• **Actions to stop doing:** The team needs to stop forgetting to make pull requests when pushing changes made to the codebase. It causes our team members to not be notified that we have completed a feature. This can mess up their work because they do not pull the updated code.

• **Actions to start doing:** The team needs to make better times for our scrum meetings because all of our team members aren’t always available at the specified times. We need to make a poll of what times people are available and schedule our scrum meeting based on that. This would make updating the scrum board and burndown chart happen more frequently giving us a better idea of how much work we have to complete in the future. In general, communication is something that we as a team need to be better on.

• **Actions to keep doing:** We need to continue being organized and being clear on what work is distributed to who. We found it easy to simply distribute work based on where it falls in the development stack (front-end, back-end, UI, etc.). We also need to continue learning the technologies needed for completing the features for this assignment. We need to keep learning React, Firebase, and the Metro API.

• **Work completed/not completed:** In terms of front-end we have made good progress in understanding React and have begun making a polyline for each route using the google maps API. However, we ran into some errors, and so far, have not been able to fix all of the bugs. The switching of the routes has not been implemented yet as the display of the routes is still having issues. For having the settings persist when the user closes and reopens the app, the app is failing to deploy with the changes, and we are still attempting to resolve this. For UI, we have gained more experience with using Figma and have created some mockups for the 3 pages we plan to add to the app. For the backend we have made further progress in understanding the Metro API and have noted down potential useful functions and calls for future use.

• **Work completion rate:** Each user worked for about 15-18 hours during this sprint. In that time, we have completed 2 user stories. We have managed to improve the documentation for the code to assist future developers for this app. We also have noted down important details about the Metro API for our backend team to use and for future backend teams to use in the future. We have so far done < 1 user story per day, as each user story is difficult to complete in one day. This sprint has so far required 1.5 - 1.8 hours each day. This sprint has been 10 weekdays, our members took the weekends to study for other classes.