Sprint 9 Planning Report – GrinSync

Capacity
Our team has even less time to work during this sprint compared to previous sprints. Half of our team will be competing in athletic competitions over the weekend. Also, it is officially finals season, which is always busy for everyone. Considering that this sprint is the last one for the semester, we will NOT be adding any new code to our app (or rather, we intend not to). Instead, we will focus on cleaning up the code we already have, documenting our code, and executing our adoption plan.

Availability

- Sam: Sam is playing in the Midwest Conference Tournament on Friday and Saturday. Then, she has a final on Tuesday morning. Overall, she's pretty busy this sprint. She can commit to doing 5 Sam hours of work this sprint.
- Bradley: Bradley is competing in the Midwest Conference Championships from Friday to Saturday. He also has some finals that are stressful this coming week. He can do 4 Bradley hours this sprint.
- Brian: Brian is also competing in the Midwest Conference Championships on Friday and Saturday. He's busy with finals too, so he can do around 3 Brian hours.
- Nam: Nam is pretty busy with final papers and projects (not so much final tests, but he's still busy regardless). He can do 3 Nam hours.
- Kevin: Kevin, like everyone else, has a couple of finals and will therefore be pretty busy this sprint. He can do 4 Kevin hours.
- Livia: Livia has a very stressful math final and will have to spend most of her time studying for that. She can do 2 Livia hours.

Our time estimates were pretty good last sprint. In fact, we slightly underestimated our task times. That is, some of us had a lot more extra time than predicted. In this case, we rather have our time estimates be this way because it's nice to have some extra time that you weren't expecting. So, we will keep with this time estimation scheme, and we are confident that it will be accurate and work in our favor.

Time Unit Explanation
Each person will report how many hours they can work this sprint (this is what is reported above). Then, when we assign tasks, we will estimate the time for that issue based on how long a specific person will take to complete it.

Example: Issue - implement functioning navigation bar
Sam can work 5 hours this sprint. For Sam, this issue will take all 5 hours of her time.
Kevin can work 7 hours this sprint. For Kevin, this issue will take only 3 hours of his time.
So, if the issue is assigned to Sam, we say the issue will take 5 Sam hours. If the issue is assigned to Kevin, we say the issue will take 3 Kevin hours.

Goals

The outcomes we plan on completing this sprint are:

- Get our app officially set up for internal testing on the Android Play Store.
- For both frontend & backend, clean up our code and finalize our documentation.
- For both repos, frontend & backend, update our README files.
- Update the User Guide and Developer Guide in our general GitHub repo.
- Complete Milestone 12 writing tasks (blog post, adoption plan execution write-up, wrap-up work write-up).

Task Breakdown

You can find more details about the issues on our issue tracker: https://trello.com/invite/b/uRb8HI8c/ATTIfecbcca3acd9de1f86887aded46ef03f7BBBFDEA/grinsync

A summary of the task breakdown:

- We divided the **written work of Milestone 12** among our group (see issue tracker for more details).
  - Everyone will work on the blog post (written in a shared document first).
  - Sam, Bradley, and Brian will work on writing up the progress we made on our adoption plan execution and wrap-up work.
- Non-written Milestone 12 work:
  - **Internal Testing on the Android Play Store:** We need to follow the steps written in our adoption plan for setting up our code to become an app on the Android store. Then, we need to upload the app to Google Play Console for an internal testing release.
  - **Clean up Code and Finalize Documentation:** Get rid of unnecessary print statements and make sure all code we've written is documented.
  - **Update README Files:** Just make edits to ensure that our READMEs have the most up-to-date information.
  - **Update the User Guide and Developer Guide:** We need to update the User Guide to include instructions on how to use all of the new features we have implemented, and we need to update the Developer Guide to include new pertinent information for future developers that we have discovered.

Assignment

- Bradley: Help write the blog post. Help write up what parts of our adoption plan were executed in this sprint. Update documentation on my frontend code. Update the frontend repo README. Help to update the Developer Guide.
- Livia: Help write the blog post. Help ensure that the backend documentation is finalized.
- Sam: Help write the blog post. Write up the wrap-up work our team did. Update documentation on my frontend code. Update the User Guide.
- Brian: Help write the blog post. Help write up what parts of our adoption plan were executed in this sprint. Update documentation on backend code. Update the backend repo README.
- Kevin: Help write the blog post. Update documentation on my frontend code. Help to update the Developer Guide.

- Nam: Help write the blog post. Update documentation on my frontend code. Help to update the Developer Guide.

Issue Tracker

- Results of Sprint 9: See the “Done in Sprint 9 (5/8-5/14)” section in the Trello Issue Tracker.