Sprint 5 Planning Report – GrinSync

Capacity

Compared to the last sprint, which spanned across Spring Break, we will have less time to do work this sprint than the last sprint. Also, school work is ramping up as professors realize that they are weeks behind in their syllabi, so we have more work in other classes as well.

Availability

- Sam will be gone on Saturday for a softball doubleheader. She also has a clinic to host on Monday and needs to spend a significant amount of time preparing for that. She can do 5 Sam hours this sprint.
- Bradley will be gone Friday afternoon and evening for a track meet but will be able to work this weekend. He can do 8 Bradley hours of work this sprint.
- Brian will be gone Friday afternoon and evening for the meet but will be able to work this weekend. He has to prepare for his poster presentation but can do 6 Brian hours of work this sprint.
- Nam has a cooking event on Saturday that he has to prep for, so he'll be busy for most of the weekend. He also has a mid-term exam and a final presentation next week. He can do 5 Nam hours of work this sprint.
- Kevin has one essay due but can work after submitting it. He can do 6 Kevin hours of work this sprint.
- Livia has two essays due but can work after submitting them. She can do 5 Livia hours this week.

Our time estimates from the last sprint were slightly off. We underestimated how much time work would take, mostly because we had to spend more time preparing for the demo than we thought. We don't have a demo this week, so we plan on keeping our time estimate methods the same and hopefully, they will be more accurate.

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:

- Front-end Team: Add more functionality to the app.

- o   Create a "Forgot Password?" page that allows users to reset their password.
- o   Create internal documentation for the lab as well as make sure to document all our code in general.
- o   Create more widget testing so that we can confirm all of our front-end code is working as expected.
- o   Implement hot reload functionality for the Profile page.
- o   Start functionality for repeating events options on the Event Creation page.
- o   Add more functionality to Calendar page.
- ● Back-end Team: Mainly, set up things to support front-end development.
  - o   Get email working - both for password reset and email verification.
  - o   Add auxiliary functions to support the development of the front-end (functions to delete, like, and edit).
  - o   Get working tag filtering.
- ● Both Teams:
  - o   Create user-facing documentation for our app that can be used in Stakeholder meetings.
  - o   Take part in Stakeholder meetings to collect feedback on our app.
- ● Complete other Milestone 8 writing tasks.

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 work of Milestone 8 among our group (see issue tracker for more details).
- ● Outside of Milestone 8 work:
  - ○ Add a "Forgot Password?" Page
    - ■ The page should take an email as input and pass the given email to the back-end. The back-end deals with the actual password resetting.
  - ○ Implement hot reload functionality for log out.
    - ■ Right now, when a user logs out, they must reload the page manually so that they officially log out. We want to make this process automated so that users don't have to do anything.
  - ○ Start implementing repeating event customizations.
    - ■ For creating an event, users can only create one event at a time. We will allow users to specify if the event they create repeats and have this reflected in the calendar.
  - ○ Page direct to event details when someone clicks on an event in the Calendar page.
    - ■ Currently, the calendar page just shows the events but does not show event details when an event is clicked on. We want to change that so that event details are pulled up.

Assignment
- Bradley: Implement a "Forgot Password?" page. Meet with Tyler (one of our original stakeholders) and have him try to create an account and log into the app. We will collect feedback on how to update the app based on their input. Make sure that the login and registration pages, as well as the user authorization API are documented more thoroughly.
- Livia: Add an API call for people to delete events on the backend.
- Sam: Start working on the repeating event customizations for the Create Event page.
- Brian: Meet with Tyler and Craig (two of our original stakeholders). We will collect feedback on how to update the app based on their input. Add SMTP email functionality. I'll also add favoriting events functionality. And I'll add support for repeating events
- Kevin: Figure out and implement hot reload functionality for when users log out.
- Nam: Meet with Ashley (one of our original stakeholders) to collect feedback on the app. Add page routing to the Event Details page as users tap on each event. Fix color and styling for the Calendar page. Add repeating event functionality to the Calendar page (after Brian and Sam are done with this on their end).

Issue Tracker
- Results of Sprint 5: See the "Done in Sprint 5 (04/10-04/16)" section in the Trello Issue Tracker.