

Sprint 6 Planning Report – GrinSync

Capacity

Compared to the last sprint, we, as a team, have about the same amount of time to do work this sprint. However, considering that there is a demo, we want to make sure that our main focus is on getting our product to an MVP state. We don't want to spend too much time creating new features that aren't a part of our MVP. But in all, we can do about the same amount of work as last sprint.

Availability

- Sam is pretty busy this sprint. She has softball doubleheaders on Saturday and Monday, and she also has a test to study for. She can do 2 Sam hours of work this sprint (much less than previous sprints).
- Bradley has a track meet on Friday but has a lot of free time outside of that. He can do about 5 Bradley hours of work this sprint.
- Brian has a track meet on Friday but is otherwise pretty available to do work. He can do about 8 Brian hours for this sprint.
- Nam has a typical workload in terms of homework this sprint, so he can do a medium amount of work. He can do 4 Nam hours of work for this sprint.
- Kevin is not too busy this sprint and can definitely spend more time on the software. He can do 9-10 Kevin hours of work this sprint.
- Livia is not feeling too good at the start of this sprint and will likely have to rest more than usual. As a result, she can do about 2 Livia hours of work this sprint (health first!).

Our time estimates were off again last sprint. We underestimated how much time each task would take. This is mainly because we underestimated how much time the Milestone write-up would take. In general, we find ourselves always having to do more work because the Milestones take more time than expected. So, in this sprint, we will try to make our time estimates more realistic based on feedback from previous sprints.

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/fine-tune what we have in the app so that it is at an MVP level.
 - Fine-tune the Event Creation page.
 - Create an Edit Event page that is fully functioning.
 - Redesign Login & Registration pages to look more aesthetic.
 - Create an Events I Created page within the Profile page.
 - Add “Edit Event” and “Favorite Event” options on the Event Details page.
 - Add all event information to the Event Details page.
 - Add tag and page routing for repeating events on the Event Details page.
- Back-end Team: Mainly, set up things to support front-end development.
 - Set up email verification to be fully functioning.
 - Return information about liked events for a user.
 - Begin web scraping from Grinnell’s events calendar to show in the GrinSync calendar.
- Complete Milestone 9 writing tasks (the code review).

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 9 among our group (see issue tracker for more details).
- Outside of Milestone 9 work:
 - Fine-tune the Create Event page: Make the Create Event page non-visible to users who are not logged in.
 - Create an Edit Event page: This page has the same format as the Create Event page but with pre-populated fields for the existing event information.
 - Redesign Login & Registration pages: Play around with UI design to make the pages look pleasing to the eye.
 - Create an Events I Created page: Pull events that were created by the logged-in user and display them all on a page. Display them like how events are displayed on the Home page.
 - Add “Edit Event” and “Favorite Event” options on the Event Details page: Add these two options as buttons. “Edit Event” will take users to the Edit Event page, and “Favorite Event” will add the event to the user’s favorite events.
 - Display all event information on the Event Details page: Find a way to display all information about an event on the event card in a logical way.
 - Add tag and page routing for repeating events on the Event Details page: Find a way to link repeating events.
 - Email Verification: Don’t make the user an official user until they verify their email.
 - Return Liked Events: Gather which events users have liked and return them to frontend.
 - Scraping Grinnell’s events calendar: Parse through the events in the official Grinnell calendar and create them as new events in GrinSync.

Assignment

- Bradley: Redesign the Login and Registration pages so that they look nice. Help Sam get the Edit Event page up and functioning.
- Livia: Add student organization functionality to the backend (or start the process of doing so depending on health conditions).
- Sam: Make final adjustments to the Create Event page for the demo. Create the Edit Event page.
- Brian: Set up email verification. Write code to show if users have liked an event or not on the backend. Deal with the integrity error we were getting when we tried to delete events in the database. Look into scraping from Grinnell's official event calendar.
- Kevin: Update event_model so it's up to date with the backend event object. Integrate "Favorite Events" and "Edit Event" functionality in the Event Details page. Show event start and end times in a more readable way. Create an Events I Created page and have clicking on an event card leading to the Edit Event page. Streamline user login/logout so it doesn't push a new page.
- Nam: Add all event information to the Event Details page. Add tag and page routing for repeating events on Event Details page. Finish the write-up for the last stakeholder meeting.

Issue Tracker

- Results of Sprint 6: See the "Done in Sprint 6 (04/17-04/23)" section in the Trello Issue Tracker.