

Sprint 8 Review Report – GrinSync

Customer-visible progress:

Unless otherwise specified, all progress is for the logged-in user.

Create Event:

- When users who are student organization leaders create an event, they can choose to create the event as an individual or as a student organization (this is done through a dropdown menu that appears at the top, allowing users to choose a student organization if they want to). If they create the event as the student organization, other leaders of the student org will be able to edit that event as well.
- There is now a Reset All Fields button on this page that, when pressed, clears all of the input currently on the Create Event page.
- Text fields are also cleared automatically after a successful event creation.

Home Page, Events I Created Page (from Profile page), and Events I Follow Page (from Profile page):

- Event cards are now slideable!
- On the Home page (for Guest mode too), if you slide left on an event card, two options will show: Contact & Save. The Contact button, when pressed, would open the phone's default email app and draft a pre-written email to the event host (i.e., send an email to the event host). The Save button, when pressed, would open the phone's default calendar app and draft a new event with the same event information as the event in GrinSync (i.e., save the event to the phone's calendar).
- On the Events I Created page, if you slide left on an event card, two options will show: Edit & Delete. These buttons will lead the user to edit the event or delete the event, respectively.
- On the Events I Follow page, if you slide left on an event card, the option to unsave the event will show. When pressed, this will remove the heart on the event and remove the events from your Events I Follow.

Event Details Page (for Guest mode too):

- Now, there's an info button at the top to help users understand what they can do with the Event Details page.

Event Details Page

This page shows the detailed information of an event.

Information

- You can view the event's title, host, location, start and end time, description, and tags.
- You can also navigate to the event's venue on Google Maps if the location is provided (Indicated by a location pin icon before the location).

Actions

You can save the event to your calendar, contact the host, and share the event with your friends.
If you are logged in: You can also favorite the event.
If you are the host of the event: You can edit the event or delete it.

Close

- The host on the Event Details page is now clickable:
 - (For logged in users only) If the host is a known Student Organization in GrinSync, clicking on it will lead to the Student Organization details page. This page displays the student leaders of the organization (i.e., which users are connected to the student organization in GrinSync), a description of the student organization, and the events that the student organization has created in GrinSync.
 - If the event is from “Grinnell Calendar”, clicking on it will launch the official Grinnell calendar page on a web browser (<https://events.grinnell.edu/>).
 - If the host is an individual user, nothing happens currently when it is clicked.
- The location in the event details is now clickable:
 - If the event provides a map coordinate (indicated by a pinpoint symbol next to the location), clicking on the location will jump to the phone’s default maps app and navigate to the coordinate.
 - Otherwise, clicking on a location without map coordinates will launch [Grinnell’s map](#).
- New buttons at the bottom of the event details: Add to Calendar, Contact Host, Share Event
 - *Add to Calendar*: Clicking on this button shows the dialog to add this event to your phone system’s default calendar.
 - *Contact Host*: Clicking on this button takes you to the phone system’s default email app and starts an email to the event host (the actual email of the event host, that is).
 - *Share Event*: Clicking on this button generates a string with basic event information (text that you can copy) and you can share it with your friends.

User Profile Page:

- We got rid of the Edit Profile button (it initially did nothing, but we were going to implement it) because we don’t think we need it at this point. There really is no need for users to edit their profile since the only thing they would have to edit is their name, and we hope that they can spell their name correctly upon registration.
- We have five new or updated buttons on this page:
 - Student Organizations I Follow: To see the list of student organizations the user follows.
 - Yes, logged-in users can now follow student organizations. They can click on the student organization and see its detail page, which will show an option to follow the student organization.
 - Student Organizations I Lead: To see the list of student organizations the user leads/is connected to.
 - If a student is a student organization leader, they can create events on behalf of the organization.
 - Create a Student Org: Users can create a new student organization on this page, which they can then use to host/create events.

- Students must have their organization creation approved before they can begin hosting events as their organization (this means email confirmation must be done)
- Connect to a Student Org (updated to include a submit button): Users can connect to a pre-existing student organization (pre-existing in GrinSync, that is).
 - Students must be approved by the owner of the organization before they can become members/be linked to the organization.
 - Once they become a member, they can host, edit, and delete events on behalf of the organization.
- Feedback (Google Form): For users to provide feedback for our app or ask for support.
 - This leads to a Google form.
 - Users can fill out the form for support requests, comments, feedback, and feature requests.

Website: <https://grinsync.com/>

- We now have a website where people will be able to do lots of stuff eventually, including deleting an account. The most important thing right now is that there's a landing page now that has information about our app, so we can use the website for QR codes and to link to future Play and App Store listings once we get our app published.
- The website also previews some upcoming public events.

Bug Fixes:

- Duplicate events on the Home page: This happens if we select multiple tags in the user preferences or the filter on the Home page, and the events have some combination of those tags. For example, if an event contains three of the selected tags, it will appear three times on the home page. We looked into this and figured out it was a backend issue. The default Django filtering behavior was to append all the individual criteria searches to each other, so we applied a unique function to the resulting QuerySet to solve the issue. Now, you shouldn't see any unintentional duplicate events!
- Incorrect event display on the Calendar page when filtered by tag preferences: When we choose the tag preferences filter option, the Calendar page displays all events without any filters. We added the list of selected tags to the backend API so that when we get the list of all events, it's already filtered. Now, this calendar view successfully shows the events with tags that are the users preferred tags.
- Refresh bugs are now fixed on the Events I Created page and Events I Follow page. We no longer need to exit these pages and reenter them to refresh the changes made. It should refresh once the change is made automatically.

Customer-invisible progress:

- We created an adoption plan for our app (seen in our Living Document).

- This included an analysis of whether our product is ready for adoption and the actual adoption plan—our goals for adoption, how we will advertise our product, and how users can easily access our product.
 - Importantly, we researched how to get our code to become an app in the iOS App Store and Android Play Store.
 - We now have written out our plan and have the resources needed to start getting our app available to the public.
- We prepared the Search page with widget elements (commented out) to work with searching for student organizations and specific GrinSync users so that in the future, when the backend functions for this type of searching are in place, we can implement these functionalities easily.
- We began the process of putting our app on the Android Play Store by following the steps here: <https://docs.flutter.dev/deployment/android>. We didn't complete all of the steps this sprint (¾ of the way done-ish).
- We've done a TON of Play Store backend work to get the app ready to be verified and put into production on the Play Store. There are pages and pages of confirmations saying that your app doesn't contain pornography or violent content, isn't associated with a government, doesn't intend on tracking COVID-19, etc. ad nauseum. We have made significant progress in this area (½ of the way done-ish).
- We prepped and delivered our final demo of our product for our CSC-324 class!