

## Sprint 6 Review Report – GrinSync

### Customer-visible progress:

- **EVENT CREATION PAGE:** The Event Creation page is no longer visible to users who are not logged in (i.e., in Guest mode). In Guest mode, the Event Creation page will show a message informing the user that they must be logged in to create events in GrinSync. When users are logged in, they can then access the Event Creation page.
  - **What New Things Users Can See:** Guest users will see a message on the Event Creation page informing them that they must be logged into the app to create events in GrinSync. Logged in users can see the real Event Creation page (in the same as last sprint).
- **EDIT EVENT PAGE:** An Edit Event page was created. When seeing the Events I Created on the Profile page, a user can click on an event they created, which will take them to the Edit Event page, which has the event information fields pre-populated with what the event previously had. Users can click into the fields to adjust/edit them and then click on the Edit Event button at the bottom to edit the event. In the Calendar page, if users click on an event card that is theirs, they will see an Edit Event button that will also direct them to the Edit Event page.
  - **NOTES:**
    - You cannot adjust the customizations for repeating events, so do not touch these fields on the Edit Event page.
  - **What New Things Users Can See:** An Edit Event page allows users to edit the event title, location, description, start date-time, and end date-time for the events they created. The changes made will be reflected in the event details once they submit the changes.
- **LOGIN PAGE:** We redesigned the UI for the login page so it wasn't just text boxes on a page. There is now an icon and the overall layout has changed to look a little nicer. We also changed the forgot password functionality so that it launches the user to the forgot password page from the app, and allows the user to reset their password from there.
  - **What New Things Users Can See:** The newly designed UI is visible on the Login page. Users can also see that clicking on the Forgot Password? button launches them to the password reset page, where they can reset their password before returning to the app.
- **HOME PAGE:** We redesigned the event cards so that logged-in users can click on a heart icon to save an event. The event cards also show the location and start time of the event in a more readable way.
  - **What New Things Users Can See:** Event cards with a bordered/solid heart icon on the side to save an event. Users can now click on it to toggle the saved/unsaved status of an event.
- **EVENT DETAILS PAGE:** In addition to showing time in a more readable format, we also use a different font to display event information now to be more readable. This page now shows the tags associated with the event too. Functionality-wise, this page allows a

logged-in user to like/unlike an event as well. If this event is created by the current user, the user can also see two buttons at the bottom of event information, one for editing the event, one for deleting the event.

- **What New Things Users Can See:** The heart icon on the top right corner to like and unlike an event if the user is logged in. The two buttons to edit and delete the event if this is an event created by the current user. Event tags are added. Improved readability through different font sizes for different information.
- **USER REGISTRATION:** In addition to the existing registration schema, we have it set up so that you now have to verify your email by clicking a link that is sent to you. It also double-checks that students and faculty have “grinnell.edu” emails so we can ensure that they’re part of the college community.
- **PASSWORD RESET:** People can now reset their passwords by getting an email sent to their account’s email. This will take them to a webpage where they can input a new password. They weren’t able to change their passwords before.
- **SEARCH PAGE:** People can now search for events by title or location on the Search page. The events that match the criteria are returned and logged in users can like events, and non-logged-in users can still view event details.

#### Customer-invisible progress:

- We finished our last stakeholder meeting to gather the last bit of feedback on our app.
- We code-reviewed sections of code. One section of backend code and one section of frontend code were reviewed (see Trello for details)
- We fleshed out the Guestmode mechanism. Originally GUESTMODE is a global variable that needs to be set manually. Now it’s replaced by a USER variable that comes with functions like isLoggedIn() and setLoginStatus() to interact with it.
- We started to look into student organization functionality on the backend.
- We started implementing page routing for repeating events on the Event Details page, but we’re having issues with the design and how it should look relative to other information on the page, so we’ll wait until after the code freeze to push those changes.
- We can scrape events directly from the college’s calendar and add them to ours. Since that comes with contact information, it will be relatively easy for us to determine who should be able to edit those events down the line. We also have geotag info for a lot of them, so we can set up a map or direction functionality later on.

#### Our MVP (from M1) and [What Work Remains to Get to Our MVP](#)

- A comprehensive event calendar with all (or close to all) events going on at Grinnell College
  - We have the event calendar, but we don’t quite have all of the events at Grinnell College in it yet (this type of thing comes with time and usage). We have the basic scheme to start filling our calendar with pre-existing Grinnell events, but we don’t have all of them in GrinSync currently (only about the most recent 100 events).

- The ability for users (those that are allowed to) to add and edit events in the event calendar.
  - Yes! A registered user can create events and edit events that the user has created!
- The ability for users to delete events that they have created from the event calendar.
  - Yes! A user can delete events that they created!
- The ability for event adders to provide essential event details to an event, such as title, date, time, location, and a brief description of the event.
  - Yes! Users can add event titles, locations, start and end date times, descriptions, and event tags, and specify the student-only option and repeating event customizations.
- A basic filtering scheme to allow users who are trying to discover events to categorize events in the event calendar by tags (food is offered, pets are allowed, etc.).
  - No, we haven't implemented filtering yet, but we have the tools to do so soon since we have the event tags included in the event information (i.e., only pull events with this filter tag).
- The ability for users to set preferences to tailor their event recommendations in the app.
  - No, not yet. We plan on having users able to choose the event tags that interest them (we'll save them to their account), and then we must create an algorithm to find events based on the preferences to show the users in their Home page.
- Automated pulling of events from Grinnell College's official calendar and Grinnell College Athletics' calendar to GrinSync's event calendar.
  - Yes!
- Some sort of GrinSync moderator to ensure the app is accurate (details to be fleshed out still).
  - No, not yet, but we feel that we can flesh this out later once our app is fully functioning and ready to be released to the world. We do have an admin account that we are currently using for testing purposes in the app, which may become the moderator in the future.
- Account creation for GrinSync users.
  - Yes, but only for Students and Faculty. We still need to flesh out the details on Community users (non-grinnell.edu).
  - Student organization leaders can link their accounts with the student organization once they verify their identity. Verification must occur every semester.
    - No, not yet! We haven't implemented student organizations, but it is our next step. We mainly need to figure out how to link a student user to their organization.

## INSTRUCTIONS FOR DEMO 2 REPLICATION

AFTER EACH ACTION, SUCH AS EDIT OR DELETE OR CREATE AN EVENT, YOU NEED TO REFRESH. DO THIS BY CLICKING ON A DIFFERENT PAGE IN THE APP (BOTTOM NAVIGATION BAR) AND

THEN GOING BACK TO THE PAGE YOU WANTED.

- Have the app open.

#### *Registering a New User*

- Press the "Profile" button on the bottom navigation bar (rightmost button).
- A page that says "Welcome to GrinSync!" will show.
- Click "Register" on this page.
- Fill out the fields.
  - Currently, only student and faculty users are functional, so select the student or faculty option to register.
- Go to your email to confirm your email (follow the instructions in the email)
- Go back to the app.

#### *Logging In*

- Press the "Profile" button on the bottom navigation bar (rightmost button).
- Click "Log in" and use the credentials you just created.
- You are now logged in!

#### *Creating a New Event with Repeating Customizations*

- Press the "Create" button on the bottom navigation bar.
- Fill out event details as you please.
- Specify repeating customizations.
  - In the demo, we did a weekly repeating event.
- Create the event (refresh after)!

#### *Viewing the Event Calendar*

- Press the "Calendar" button on the bottom navigation bar.
  - You can see GrinSync events here and the events you create!
  - The default view is the Day view, and it will show the current day.
  - On the top, you can use the arrows to switch to previous days/weeks/months (left arrow) and future days/weeks/months (right arrow).
  - On the top, you can click the three dot symbol and select one of the three time views: Daily, Weekly, and Monthly.
  - You can click the calendar icon at the top to revert back to the current day/week/month.
  - You can click the dropdown with the month and year label, which will bring a date picker up. Pick a date and you will be taken to that day (if in day view) or week (if in week view) or month (if in month view)
  - You can view switch to the Day view by clicking on a day while in the Week view
  - You can view the summary agenda for each day by clicking on a date while in the Month view.
  - Click on an event in the calendar. You will see the event details for that event.

#### *Deleting an Event or Editing an Event*

- If it is an event that you created, you can delete the event or edit the event (shown later) through the buttons.
- In the demo, we deleted an event (refresh after).

#### *Seeing the Events You, a Logged In User, has Created + Editing an Event*

- Click on the "Profile" button and go to "Events I Created" button.
- Click on an event you created. You will see the event details page (same as what you would have saw in the Calendar page). Click on the Edit Event button. You will be taken to the Edit Event page.
- Change the event as you see fit.
- Edit the event (refresh after)!
- You can see the edited event in the calendar or in your Events I Created.

### *Saving Events*

- Press the "Home" button in the bottom navigation bar.
  - You can see the upcoming events here.
- Click the heart icon on one of the events. This saves the event to your account in a place called Events I Follow.

### *Viewing Your Saved Events*

- Press the "Profile" button in the bottom navigation bar.
- Click on "Events I Follow".
- You will see the events you have hearted here.

### *Conducting a Search on Events based on Title or Location*

- Press the "Search" button in the bottom navigation bar.
- Click into the search bar and type the name or location of some event you want to find.
- Click the magnifying glass icon next to the search bar to do the search.
- A page of events from the search will show.
  - Ignore the dropdown below the search bar. Keep it on the Search Events option. Search Users is not implemented yet.

### *Logging Out*

- You can log out by pressing the "Profile" button and clicking the "Log out" button.

### *Guest Mode (logged out)*

- When you are logged out (i.e., Guest mode), you will only be able to see non-student-only events in the event calendar and in the upcoming events. You also cannot heart events in the Home page either. You cannot create an event in the Create Event page in Guest mode.

### *Notes:*

- Creating an event with missing required information (title, location, start time, end time) will show an "Event Creation Error" indicating you are missing information.
- Creating an event with an end time that is before the start time will show an "Event Creation Error" indicating you have invalid input.
- If you try to Register with an email that is already in use, you will receive an invalid credentials error when logging in.
- You cannot change the repeating customizations for the Edit Event. When editing an event, DO NOT TOUCH THE REPEATING EVENTS FIELDS. We haven't figured that out yet.