Team 30: Jeff Chen (jrchen), Kelly Cha (kcha), Sanjana Shriram (sshriram)

Project Specification
Due November 2nd @11:59 pm

Product Backlog:
- Account
  - Eventually use OAuth for AndrewID verification.
- Header actions:
  - Map Page: direct to map (home) page
  - New event
  - History Page
  - Profile
- Map page actions:
  - Clicking on pins: clicking on a pin will open a popup containing the event name, location, room, time, date, and dietary options.
  - The event name hyperlinks to the event details page.
  - Search and filter function to filter out markers.
- New Event Page:
  - User will be able to use their current location as the location of the food event, or they can click on a location o the map to select the coordinate location.
  - The user will create a name, description, and other details of the new food event.
- Single Event Page:
  - This page will be updated with AJAX.
  - Marking an event as closed: there will be a button/checkbox/toggle where users can mark an event as closed once food runs out. Once this is marked, the pin on the map page will change color to red, indicating that it has run out. After 2 hours, the pin will disappear.
  - Comments: Support images and a text field.
  - Add a link to a google maps that shows the user how to get to the location of the event.
  - Ratings: Submit ratings
- Settings Page:
  - Image Upload action
  - Dietary preferences Form
- "History" Page:
  - Some sort of way to display this history of previous events (heat map, or a table).
- Profile Page;
  - Contains logout button

Sprint 1 Product Owner: Jeff Chen (jrchen)

Sprint 1 Backlog:
- Wireframes: Kelly
  - ☑ ~~Design wireframes + descriptions~~
- "Event Detail" page:
  - ☑ ~~Link map event click to an actual event detail page (dummy data).~~
  - ☐ Update this page to add a comments section
  - ☐ Add form to add comment input + images.
- "New Event" page:
  - ☐ Fix issues with the current Model Form–too many required fields, need to use TimeFields instead of DateTimeFields for start/end times, add capability for Django to parse html "time", need to use floats for the lat/lng fields for proper server side validation. Also add a field for ratings.
  - ☐ Add capability of actually saving new objects once the form is submitted.
- CSS updates + Bootstrap: Kelly
  - ☑ ~~Revamp the header to match wireframes. Consider using~~ [bootstrap navbars](#)~~.~~
  - ☐ Consider adjustments to "home", "new event", and "single event" pages to better match wireframes.
- Data models for users and food events: Sanjana
  - ☑ ~~Merge current model w main branch, then let jeff know~~
  - ☑ ~~new_event.html → (jeff + sanjana working on main branch)~~
  - ☐ Using a model for Event, ModelForm for prepopulating event page when submitter wants to edit it
  - ☑ ~~Text field for lat/long, FloatField~~
  - ☐ Needs to have everything for the new event page
  - ☐ forms.ChoiceField(choices=CHOICES)
- Forms: Saanjana
  - ☐ Form for users and events. → after clicking on a pin, a new form opens and submitters can submit the form and upload anything they may want to. Fields to store: images, ratings, location, description
- Google maps: Jeff
  - ☑ ~~Use the Google Maps Javascript API to load a map of the CMU campus. Experiment with the functionality of displaying/adding markers onto the map.~~

Sprint 2 Product Owner: Kelly Cha (kcha)

Sprint 2 backlog:
- "New Event" page:
  - ☑ ~~Geolocation support to the map. (~~[Use this example.](#)~~)~~
  - ☑ ~~Revamp the way that dietary restrictions are displayed on the page.~~
  - ☑ ~~Change the "Date" input type to "date" from "text".~~

- ☑ ~~Change the "Time" input type to "time" from "text".~~
- ☑ ~~Change the "Link" input type to a url input.~~
- ☑ ~~Change the lat/lng fields to be "disabled".~~
- ☐ Most fields right now are "required". Change so that not all fields are required. And properly indicate which fields are required.
- ☑ ~~"Bootstrap form validation". E.g. if the user doesn't fill out the required fields, give more visual indication.~~
- ☐ The form should actually work. Submitting the form should create an object.
- ☑ ~~Attempt to abstract away the coordinate system to something more generally understandable.~~
- "Event Detail" page:
  - ☐ Change this to use actual model data.
  - ☐ Add capabilities for comments and finish the UI.
  - ☐ Add a "rating" system. Need some graphics for "stars".
  - ☐ Update comments/edits using AJAX.
- "History" page
  - ☐ Add an image of a heat map (or table).
- "Home" page
  - ☐ Add filters
  - ☐ Add search bar
  - ☐ Add support for "custom" markers
    - ☐ Green for ongoing, gray for not started, red for ran out
    - ☐ Remove markers the next day
- General
  - ☐ Oauth
- "Profile" page
  - ☐ Make this page; format it to display created events.
- "Edit Event" page
  - ☐ Add capability to edit a preexisting event.

Sprint 3 Product Owner: Sanjana Shriram (sshriram)
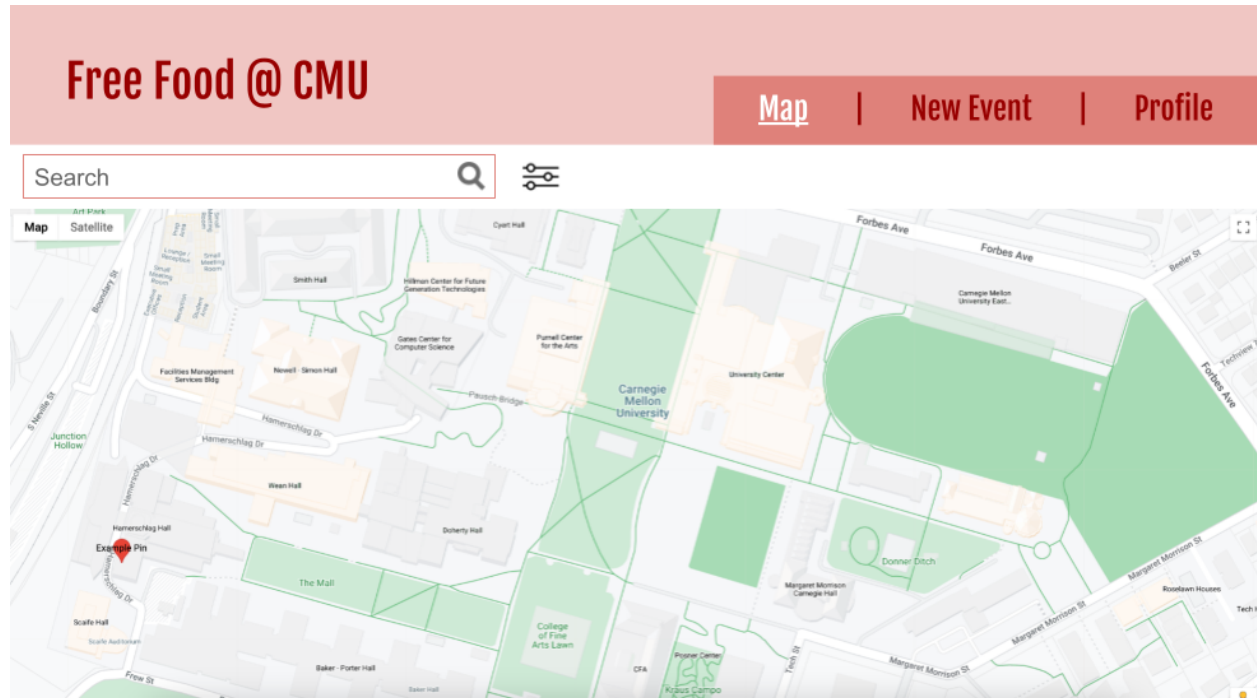
Sprint 3 backlog:
- "Event Detail" page
  - ☐ Carousel of images in event details
- General
  - ☐ Deal with secrets

Data Models:

　　　Reference models.py

Wireframes:

The home page when you go to the website will show the map populated with markers for existing events
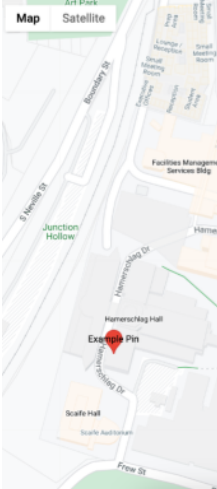
On this tab, you can search for key words and add filters by clicking on the filter icon.

When you click on a marker and follow the hyperlink, it will display the details of the event. Here, anyone can add comments, a rating, upload an updated image on how much food is left, and check off that there is no more food left.

Free Food @ CMU

Back

Gone? ✓ ★★★★☆

Upload Image: [Choose File]

Updated 5:41 PM

Event Name: Panel Discussion on time of crisis
Location: Posner 340
Date: 10/28/22
Start time: 5:30 PM
Food: Sandwiches
Notes: Only for grad students

[VE] [VG]

Comments

| Kelly Cha | 10/28/22 5:35 PM |
| The sandwiches taste so good!!!! | |

| Sanjana Shriram | 10/28/22 5:37 PM |
| COMING RN | |

| Jeff Chen | 10/28/22 5:48 PM |
| Not a grad student but I still went and got it | |

Add Rating: ☆☆☆☆☆ [Submit]

Add a comment... Post

In the "New Event" tab, you can fill out information to create a new event. The location for the marker defaults to the device's current location, but you have the option of setting the location by clicking on the map as well. Once you submit, the new marker appears on the map.

Free Food @ CMU

Map | **New Event** | **Profile**

* required

Name of Event*:

Food*:

Choose all that applies*: VE VG DF GF

Date*: MM/DD/YYYY

Start time*: 00:00 AM   End time: 00:00 AM

Sign-up/ RSVP Link:

Notes:

Upload Image: Choose File

Location*: Current Location

or Choose Location on Map:

Building Name:

Room Number:

Submit

The "Profile" tab shows your name, Andrew ID, profile picture, log out button, and the events you have posted, with the option to edit each one.

Free Food @ CMU

Map | New Event | **Profile**

Kelly Cha
kcha

Change Profile Photo   Log Out

My Posts:

Event Name: Panel Discussion on time of crisis
Location: Posner 340
Date: 10/28/22
Start time: 5:30 PM
Food: Sandwiches

Event Name: SWE GBM
Location: Giant Eagle Auditorium
Date: 10/29/22
Start time: 7:00 PM
Food: Honeygrow

Clicking on the edit icon will bring you to the prefilled form with a button to save your changes.

Free Food @ CMU

Back

*required

Name of Event*: Panel Discussion on time of crisis

Food*: Sandwiches

Choose all that applies*: [VE] [VG] [DF] [GF]

Date*: 10/28/2022

Start time*: 5:30 PM   End time: 00:00 AM

Sign-up/ RSVP Link:

Notes: Only for grad students

Upload Image: IMG_2342

Location*: Current Location

or Choose Location on Map:

Building Name: Posner

Room Number: 340

Save Changes