

FALL 2022

EventMe (Customer: Brian Hyeongseok Kim)

Things are back to normalcy, and now that the weather is cooling down, people want to go to different events. But students, or those who are money-conscious, don't want to spend all their money on all of them. **EventMe** is an app that helps users find free and/or cheap local events and to register for them.

Basic Features:

1. Bottom Navigation Bar
 - a. Explore tab (defined in Feature 1)
 - b. Map tab (defined in Feature 2)
 - c. Profile tab (defined below)
2. Login/Register
 - a. Users are asked to login when they start an app. If they don't have login info, users can register. Users can also choose to explore the app as a guest, but in order to register to any events, they must create an account before doing so.
3. User Profile
 - a. This tab displays the user profile including their name, their birthday, and a photo that they can upload. It also displays their existing event registrations as a list of "Event Box" (defined below).
 - b. Added for group of 4: It also displays their saved venues (defined in Feature 4).
 - c. If the user is not logged in or registered, it should display a button for Login/Register. If the user is logged in, it should display a button for Logout.
4. "Event Box"
 - a. "Event Box" is a box that displays all the necessary information about a particular event, such as event name, location, date, time, cost, and sponsoring organization.
 - b. Once the user clicks on any particular Event Box, the app will take them to that event's Register page (defined in Feature 3).
 - c. There should be at least 20 events for the purpose of this app.

Feature 1: Explore

When users click the *Explore* tab on the bottom navigation bar (which should be the default), they will see a page where they can search for an event. First, they can search an event based on event type (e.g. music, arts, outdoor, food & drinks, and more) through buttons or tab navigation. Second, they can also search for an event through a search bar by typing in the name of the event, location, or sponsoring organization. Third, they can also indicate a range of dates and only see the events that fit their timeframe.

All the events that fit whatever search criteria will be displayed as a list of "Event Box". The list can be sorted in order of 1) lowest to highest cost (default sort), 2) closest to farthest distance to current location, 3) earliest to latest date, and 4) alphabetical. This list view is also applicable to Feature 2.

Feature 2: Map

When users click the Map tab on the tab bar, they will see their local map that shows their location as well as all the locations, indicated by markers, where there are events going on.

When users click a particular marker, the app will show an “Event Box”.

Users should be able to also swipe up from the “Event Box” to have the map view replaced by the list view of “Event Box”, which is described in Feature 1. In this case, the default sort will be in order of closest to farthest distance to current location. Swiping down should switch back to the map view.

Added for group of 4

Double tapping a particular marker will lead to the Venue page for that location (defined in Feature 4).

Feature 3: Register

On the Event Registration page, users can see event information, including everything that was seen inside the “Event Box” as well as additional information, such as photos of the venue, event description, event type, parking availability, and number of people already registered for the event. There should be a Register button on this page, which has different behaviors depending on the scenario:

1. If the user is not logged in yet, this should redirect them to Login/Register (defined in Basic Features).
2. If the user is logged in and has not registered to this event yet, they can successfully register for an event, only if there is no conflicting event that they are registered to already. If there is a conflicting event, there should be a warning if they want to proceed with the registration. If they want to proceed, they may do so. Registered events should be shown correctly under existing event registrations in the Profile tab (defined in Basic Features).
3. If the user is logged in and is already registered to this event, this button asks if the user wants to unregister for the event. If the user says yes, then this event should be removed from their existing event registrations and displayed as such in the Profile tab (defined in Basic Features).

Added for group of 4

Clicking on the Venue name, underlined like a hyperlink, will lead to the Venue page for that location (defined in Feature 4).

Feature 4: Venues (Added for group of 4)

There are three ways to open the Venue page. First is to double tap on the marker from the Map tab. Second is to click on the venue name from the Event Registration page. Third is to click from the list of saved locations from their Profile tab.

The Venue page should include information about the venue, such as name, address, parking availability, and distance from the user’s current location. Beyond showing the information about the venue, the app should also display a list of events that are going to be held in that venue.

The sorting ability described in Feature 1 applies here as well (i.e. 4 different sorts are allowed for the events held at this particular venue), except that now the default sort will be by earliest to latest date.

Finally, there should be a Heart button that allows users to favorite this location. Once saved, this venue will be shown in the Profile tab (defined in Basic Features). Users can also “unheart” a location by clicking the Heart button again, and it should be removed from their Profile. There should be at least 5 different venues created for the purpose of this app.

Each group member is responsible for implementing one of the main three features, but implementing the basic ones is everyone’s responsibility.