Team 24 CS307 Sprint 2 Planning Document

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Sprint Overview

In our second sprint, we are going to focus on getting the front end functionalities in place. We will also try to get the interaction between the UI and the back end structure done. This means that most of the important features and functions of the app will be working by the end of this sprint. The product will mostly be viable and usable with minor design and efficiency improvements and a few additional features left for the next sprint.

Scrum Master: Naomi Urnes

Meeting Schedule: MWF at 11:30 am, Thursdays at 5:30 pm

Risks/Challenges:
One challenge is that we have switched from using raspberry pi as server to using Firebase, so we need to learn how to correctly implement Firebase. One risk is that we have a few tasks that are dependant on the completion of other tasks. This could lead to delay in completion of these dependant tasks based on when the others are implemented. Another issue could be the time efficiency of the client - server interaction. We also have little experience with image handling in Android Studio which could lead us to take more time than expected. Also it will be challenging to test the UI among a range of devices to ensure that it works and looks good on a variety of hardware.

Current Sprint Detail

User Story # 6

As a user, I would like to be able to login and manage my Evant account.

#	Task Description	Time	Owner
1	Implement log in	2	Avi Agarwal
2	Create User settings page	1	Adam McDonald
3	Implement Sign out	1	Adam McDonald
4	Implement SetYourRadius	1	Adam McDonald
5	Allow user to edit username	1	Adam McDonald
6	Allow user to edit password	1	Adam McDonald

Acceptance Criteria

➢ Given the client class functions have been implemented, users should be able to log in using their sign up information.
➢ Given the client class functions and user account page have been implemented, user should be able to see their settings.
➢ Given the client class functions and user account page have been implemented, database should store those informations.

User Story # 9

As a user I would like to have the app remember my account after logging in for the first time.

#	Task Description	Time	Owner
1	Store login information of users phone if this option is selected	3	Avi Agarwal
2	Store login information on the database	2	Avi Agarwal
3	Get login from the internal database	2	Avi Agarwal

Acceptance Criteria

> ➢ Given the login page, the user should be given an option to stay logged in after initial login.

User Story #11

As a user, I would like to have a set of interests visible on my profile.

#	Task Description	Time	Owner
1	Add a field for interests on the profile page	4	Soumil Uppal
2	Store the interests in the database	4	Naomi Urnes
3	Identify the top 3 event categories the user attends and display them	2	Abigail Urnes

Acceptance Criteria

> ➢ Given the profile page, users should be able to have their interests visible on their profile.
> ➢ Given the interests list, the set of interests should be updated to the database.

User Story #14

As a user, I would like to able to edit my name, photo, interests, and description on my profile

#	Task Description	Time	Owner
1	Add a field to allow the user to edit their name	1	Adam McDonald
2	Add a field to allow the user to edit their interests	1	Adam McDonald
3	Add a field to allow the user to edit their description	1	Adam McDonald
4	Add a button that allows editing of each field	1	Adam McDonald
5	Send the changes the user makes to the fields to the database and update the user's entry there	1	Naomi Urnes
6	Add a field that displays the events a user has hosted	0	Naomi Urnes
7	Add a field that displays the events a user has	2	Adam McDonald

	signed up to attend		

Acceptance Criteria

➢ Given the profile page, the user should be able to click a button to enable editing of their profile.
➢ Given the edit profile button, the user should be able to edit their full name.
➢ Given the edit profile button, the user should be able to edit their interests.
➢ Given the edit profile button, the user should be able to edit their descriptions.

User Story #17

As an event finder, I would like to view a list of event search results.

#	Task Description	Time	Owner
1	After retrieving events from the database, iterate over them to find search criteria and remove non-matching item	4	Abigail Urnes
2	Add a search bar to the Category List page	2	Avi Agarwal
3	Create a List View GUI	5	Avi Agarwal
4	Interpret the result from the database to make elements of the GUI	6	Naomi Urnes, Avi Agarwal

Acceptance Criteria

➢ Given the client class function has been implemented, when the user clicks the "list view" option, they should be able to see a list view of events.
➢ Given the list view GUI has been implemented, the user should be able to see different elements supplied by the client class function.
➢ Given a list of filters, when the user searches for events, the user should only see a list of events that pass the given filters.

User Story #18

As an event finder, I would like to view a map of event search results.

#	Task Description	Time	Owner
1	Create a Map View GUI	5	Soun Kim
2	Filter the non-matching pins from the map	3	Soun Kim

#	Task Description	Time	Owner
	display		
3	Display the pins	1	Soun Kim

Acceptance Criteria

➢ Given that the login page has been implemented, when the user logs in, the user should be able to see a map generated based on their current location.
➢ Given that the client class functions have been implemented, when the user logs in, the user should be able to see events created by other users.
➢ Given that the class functions have been implemented, the user should be able to see different elements depending on the types of event.

User Story #19

As an event finder, I would like to be able to access a homepage from which I can navigate further.

#	Task Description	Time	Owner
1	List the user's upcoming events on the home page	4	Soumil Uppal
2	Filter the user's upcoming events by a limit of "maximum time from now"	3	Adam McDonald
3	Show map view on the home page	3	Soun Kim
4	Create the navigation bar	1	Abigail Urnes
5	Add functionality to Profile button	1	Abigail Urnes
6	Add functionality to the List View button	1	Abigail Urnes
7	Add functionality to the Settings button	1	Abigail Urnes
8	Make the navigation bar static on all views	2	Abigail Urnes
9	Add logic for displaying different things depending on whether the user is signed in (Map, Login/Signup prompt)	2	Naomi Urnes

Acceptance Criteria

➢ Given an app icon, when the user open up the app, users should be able to see the home page GUI.
➢ Given a fully implemented home page, when the user clicks on a button on the home page, the user should be directed to the associated page.

➢ Given a fully implemented home page, when the user opens the home page, the user should immediately see useful information that encourages them to use the app further.

User Story #23

As an event finder, I would like to be able to set radius for viewing events.

#	Task Description	Time	Owner
1	Add a set radius component to the Map View GUI	2	Soun Kim
2	Add a set radius component to the List View GUI	2	Avi Agarwal

Acceptance Criteria

➢ Given the client class has been implemented, when the user searches for events, then the radius data should be sent to filter the events.
➢ Given the map view GUI has been implemented, when the user searches for events, map view should display all the events within the radius as pins.
➢ Given the list view GUI has been implemented, when the user searches for events, list view should display all the events within the radius as cards.

User Story #24

As an event finder, I would like to filter event searches by start time.

#	Task Description	Time	Owner
1	Add a set time component to the Map View GUI	2	Soun Kim
2	Retrieve all events from the database	0	Naomi Urnes
3	Do not show events that do not match start time	2	Naomi Urnes

Acceptance Criteria

➢ Given the client class has been implemented, when the user searches for events, then the time data should be sent to filter the events.
➢ Given the map view GUI has been implemented, when the user searches for events, the map view should display all the events within the time as pins.
➢ Given the list view GUI has been implemented, when the user searches for events, the list view should display all the events within the radius as cards.

User Story #25

As an event finder, I would like to filter event searches by distance.

#	Task Description	Time	Owner
1	Get the user's stored radius from the database	2	Abigail Urnes
2	Retrieve all events from the database and filter them by the radius	2	Abigail Urnes

Acceptance Criteria

➢ Given the map view GUI and client class have been implemented, the user should be able to set distance to filter their search.
➢ Given the list view GUI and client class have been implemented, the user should be able to set distance to filter their search.
➢ Upon selecting a radius, the user should see results on both views within that radius.

User Story # 26

As an event finder, I would like to filter event searches by category.

#	Task Description	Time	Owner
1	Create category list view gui and adapters	3	Avi Agarwal
2	Event List view only showing selected category	2	Avi Agarwal
3	Retrieve all events from database	0	Naomi Urnes
4	Do not show events that do not match distance	2	Abigail Urnes

Acceptance Criteria

➢ Given the list view GUI, it should be functional using adapters.
➢ Given the list view GUI and categories, each category should include only the events listed under that category.

User Story #27

As an event finder, I would like to be able to rate the events I attend, so that other users can decide to attend events based on the average event rating of an organizer.

#	Task Description	Time	Owner
1	Create Attended Events list view	1	Soun Kim
2	Display joined events on Attended list view	3	Soun Kim
3	Long click on event in profile history to bring up thumbs up/thumbs down	4	Soun Kim

Acceptance Criteria

> ➢ Given the client class have been implemented, the user should be able to access the attended events list from the profile page.
> ➢ Given the attended events list view has been implemented, the user should be able to rate the event.
> ➢ Upon rating event, the rating value of host of the event should be updated.

User Story #28

As an event finder, I would like to view event organizers' ratings, to establish trust.

#	Task Description	Time	Owner
1	Create event organizer's rating view	4	Soun Kim
2	Rating view should be accessible from both Map view and List view	4	Soun Kim
3	Create retrieval method for host's rating from database	2	Naomi Urnes

Acceptance Criteria

> ➢ Given the client class have been implemented, each event should have access to event organizer's rating page.
> ➢ Given the rate variable has been implemented, event finders should be able to see the event organizer's rating.
> ➢ Upon rating and reloading of events, the rating should be updated.

User Story #29

As an event finder, I would like to be able to click on an event in map view and see a description page of the event.

#	Task Description	Time	Owner
1	Program event pins to give option to view event description on click	4	Soumil Uppal
2	Set category images	3	Abigail Urnes
3	Display the image of the event's category in the event card	3	Abigail Urnes
3	Create a button that navigates to Event Information page	2	Soumil Uppal
4	Fetch all information about the correct event as determined by which card was clicked	3	Avi Agarwal
5	Events page ■ Name ■ Description ■ Location (text or minimap) ■ Time ■ How many people attending ■ Picture ■ Host	5	Avi Agarwal

Acceptance Criteria

➢ Given event pins, the user should be able to click on them to view a picture of the event.
➢ Given event pins, the user should be able to click on them to view a button that navigates to the event description page.

User Story # 30

As an event finder, I would like to be able to click on an event in list view and see a description page of the event.

#	Task Description	Time	Owner
1	Create Events Information Page	2	Avi Agarwal
2	Program Event Cards to switch GUIs	1	Avi Agarwal
3	Implement retrieval of event information	2	Naomi Urnes

Acceptance Criteria

> ➢ Given the list view GUI, the user should be able to click on an event.
> ➢ Given the on click listener, the user should be able to switch to the event information.

User Story # 42

As an event organizer, I would like to set the relevant categories of my event.

#	Task Description	Time	Owner
1	Create a button that opens a new activity to select categories.	1	Soumil Uppal
2	Create checkboxes for categories	3	Soumil Uppal
3	Store the checked categories in a hashmap	4	Soumil Uppal
4	Send categories to database	2	Naomi Urnes

Acceptance Criteria

> ➢ Given the create events GUI and the categories, the user should be able to select categories for their created event.

User Story # 44

As an event organizer, I would like to be able to set a description of my event.

#	Task Description	Time	Owner
1	Add a field that allows the user to add description of their event	2	Soumil Uppal
2	Create backend support that saves description	2	Naomi Urnes

Acceptance Criteria

> ➢ Given new event GUI has been implemented, users should be able to add description of their event.
> ➢ Given the client class has been implemented, the database should save the description of the event.

User Story #45

As an event organizer, I would like to be able to set an image for my event.

#	Task Description	Time	Owner
1	Add field for image input in create event prompt	2	Soumil Uppal
2	Create a dialog box that allows user to choose to upload picture from camera or gallery	2	Soumil Uppal
3	Add functionality to pick a picture from gallery	2	Soumil Uppal
4	Add functionality to take a picture from camera	5	Soumil Uppal
5	Add required permissions	2	Soumil Uppal
6	Send image to Firebase Storage	5+	Naomi Urnes

Acceptance Criteria

- ➢ Given the Create Event Screen, the user should be able to click a button to upload an image.
- ➢ Given pressing the button, the user should be prompted to select an image.
- ➢ Given the user selecting an image, the image should be uploaded to Firebase.

User Story # 50

As a user, I want to sign up to attend an event.

#	Task Description	Time	Owner
1	Add a button on the event description page	1	Avi Agarwal
2	Upon pressing the button, update the user's list of attended events	3	Naomi Urnes

Acceptance Criteria

- ➢ Given the event description page, the user should be able to click a button to indicate desire to attend
- ➢ Given the user pressing the "Attend" button, the event should be added to the user's list of upcoming events

Remaining Backlog

4. As a user, I would like to be able to save my interests on my account.
5. As a user, I would like to be able to save my permanent location on my account.
8. As a use, I would like to have the option to create a new account when prompted to login.
12. As a user, I would like to view a list of people attending an event.
13. As a user, I would like to optionally include a link to my Facebook account on my profile.
15. If time allows, as a user, I would like to have events automatically added to my phone/email calendar.
16. If time allows, as a user, I would like to be able to create an account with my email or other authentication methods such as a Facebook or Twitter account.
31. As an event finder, I would like to see my event history.
32. As an event finder, I would like to be able to sort my event history by date in either ascending or descending order.
33. As an event finder, I would like to be able to sort my event history by alphabetical in either ascending or descending order.
34. As an event finder, I would like to be able to sort my event history by distance from current location in ascending or descending order.
35. As an event finder, I would like to be able to view all the events I plan to attend.
36. If time allows, as an event finder, I would like to filter event searches by keyword.
37. If time allows, as an event finder, I would like to get push notifications for upcoming events.
38. If time allows, as an event finder, I would like to have a page of the events that the app thinks I am most likely to attend based off of my history.
43. As an event organizer, I would like to view a list of events I have hosted.
46. As an event organizer, I would like to have my event appear in search results.
47. If time allows, as an event organizer, I would like to be able to import my Facebook events.
48. As a developer, I would like the code to be well-commented and documented.
49. As a developer, I would like to receive crash and error reports, so that I can debug the app.