



Happening Place

Sprint 2 Overview - Team 20

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Sprint Overview

In this sprint, we project plan to build and extend the event management dashboard where the host can add collaborators. In this sprint our main goal is to enable smooth communication between the collaborators and host. The host can add tasks and assign collaborators to them. We will also be working on getting guest data and displaying it to the host. Sending notifications to guests is a unique feature we are having for the host.

On the guest side, we will be extending our event search to search based on interest tags. The guest will also be able to access the history of events he or she has attended.

Scrum Master - Devansh Panirwala

Meeting Plan - Fridays, 6:00- 7:00 pm and Saturdays, 12:30- 2:00 pm

Risks and Challenges

One of the biggest challenges our team would face would be properly collaborating and synchronizing the workflow. We had a good experience of working together in the first sprint. Making the event management dashboard UI and connecting it with the backend takes more time than anticipated. For this sprint, we will be adding more arrays and structures to our database and thus parsing data returned by database would take some time.

Current Sprint Detail

User story #1

As a guest, I would like to have a recommended list of events based on my interests

#	Description	Estimated Time (hrs)	Owner
1	Save user's interests in AWS DynamoDB when they sign up.	4	Sreekara
2	Retrieve the events matching the user's interests	3	Viswajeeet Balaji
3	Events are displayed based on user's interests when initially logged in	2	Sreekara
4	Connect the backend, frontend, and AWS DynamoDB for the retrieval of events based in user interests	5	Viswajeeet Balaji
5	Unit Test - Events are showed only based on user's interests, no duplicate events	5	Sreekara

Acceptance Criteria:

1. Given the interests tags is functional, the user will get events based only on his interests when logged in.
2. Given the interests tags is functional, when the user signs up for an happening place account, all the user's interests are saved in the database.

3. Given the interests tags is functional, user can add more interests as and when required.
4. Given the interests tags is functional, users don't get any other events out of their interest when logged in initially.
5. Given the interests tags is functional, as a developer, we should be able to test the user interests functionality with different ids and all unit tests should pass as and when required.

User story #2

As a Host I would like to see a list of all the events I have created.

#	Description	Estimated Time (hrs)	Owner
1	Create a panel which shows a list of Events created by the host.	4	Sanjay
2	Fetch data from the database to get a list of guests related to the event in JSON format	3	Viswajeeet Balaji
3	Update the guest list every time a guest joins or leaves the event so that the host can keep track of the guests in real time	4	Devansh, Sanjay
4	Unit test- Make sure that same guest is not registered for the event more than time	3	Devansh

Acceptance Criteria:

1. The event list should be updated every time the host creates or deletes a new event.
2. The panel should updated frequently and it should show correct information about the events.
3. The host should be able to view the event details by clicking on the event in the list.
4. When the event name is clicked the guest list should be updated appropriately
5. All the unit tests should pass the validity checks

User story #3

As a guest, I would like to have a timeline feature which lists all events I have attended in the past.

#	Description	Estimated Time (hrs)	Owner
1	Create a button to view previous events	2	Devansh
2	The button replaces the panel that displays current events to display the past events list.	3	Devansh
3	API gateway sends the request to the server	3	Devansh
4	Query list of events is fetched from the database and displayed.	4	Viswajeeet Balaji
5	Unit test- Ensure events are parsed, fetches the correct event information. Make sure duplicate events are not listed	3	Devansh

Acceptance Criteria:

1. Under the guest profile, the user has an option to click a button that could enable the user to view the list of all the events that user has ever been affiliated to.
2. The button replace the panel displaying the default recommendations, and list the requested events.
3. Display the event name, description, time, and location.
4. The user can now scroll through the list.

User story #4

As a guest, I would like to have the feature of sorting through available events based on certain filters, so that I can view events which are aligned to my interests

#	Description	Estimated Time (hrs)	Owner
1	Give the user predefined clickable list of filters	4	Seerat Dheer
2	Host should characterise the events with the predefined filters	4	Seerat Dheer
3	Display events specific to the filter that user clicked	2	Seerat Dheer
4	Unit Test - verify database entry, only events specified with the filter appear	5	Seerat Dheer

Acceptance Criteria:

1. Given the filter feature is functional, a user has predefined clickable buttons and can only choose from those for filtering events.
2. Given the filter feature is functional, a user only gets the events sorted with that filter he/she has chosen.
3. Given the filter feature is functional, the user does not see any other event that is not consistent with the filter currently chosen.
4. Given the filter feature is functional, as a developer we should be able to test the filter sorting with different filters and all of them have to pass when required.

User story #5

As a host, I would like to add contributors to this event by searching for their username.

#	Description	Estimated Time (hrs)	Owner
1	Ask host to add the username of the contributors he would like to add	2.5	Sreekara
2	API Gateway input request validation	3	Sreekara
3	Parse the array received from the front-end and update the DynamoDB	4	Sreekara
4	Unit Test - verify database entry, ensuring duplicate contributors are not stored and displayed, verify correct contributors are displayed	2	Sreekara

Acceptance Criteria:

1. Given the adding contributors is functional, the host should be able to enter the names of the contributors in the front-end UI.
2. Given the adding contributors is functional, when the UI for the host should be updated with the name of the contributors he has added.
3. Given the adding contributors is functional, only the contributors who are added should have access to event modifications.
4. Given the adding contributors is functional, the dynamoDB for the contributors, the host and the event should be updated
5. Given the adding contributors is functional, the mapping between the host, contributor, event and the task table should be perfect.
6. Given the search by zip code is functional, when testing, as a developer we should check if the correct events are returned by zip code search.

User story #6

As a host, I would like to be able to create a list of “cards” .i.e a list of tasks for to be completed for the specific event.

#	Description	Estimated Time (hrs)	Owner
1	Ask host/contributors to add a task	2	Devansh
2	Ask for inputting additional information about the task.	2	Devansh
3	Obtain & send data to API gateway using RESTful API in form of JSON format	5	Sanjay Babu Krishna
4	Validate the request and then store the data in AWS dynamoDB	4	Viswajeeet Balaji
5	Unit Test -verify database entry, Check for duplicates or invalid tasks	3	Viswajeeet Balaji

Acceptance Criteria:

1. Display a button to add a task.
2. Update the task list in the database.
3. Ask the host/contributor to input more details about the task such as contributors, date to be completed etc.
4. Display a box for checking once the task is complete.
5. All the unit tests and validations must pass.

User story #7

As a host, I would like to modify/delete events.

#	Description	Estimated Time (hrs)	Owner
1	Create buttons to modify and delete an already created/existing event	4	Sreekara
2	Display a menu all the modifiable data fields for the event like name, date, location etc	5	Devansh
3	Obtain the modified part of the class & send data to API gateway using RESTful API in form of JSON format	4	Sreekara
4	Validate the request and then update the data in AWS dynamoDB	3	Viswajeet Balaji
5	Unit -verify database entry, Check if the modified fields are incorrect and still valid	2	Seerat Dheer

Acceptance Criteria:

1. The create button should display a menu with modifiable data fields like name of the event, date, location, type and other fields.
2. The modified data fields should be appropriately updated in the AWS dynamoDB and in the front end menu.
3. If the host decides to cancel the event, the event should be removed from the database and all the collaborators and guests involved with should be notified by email and notification.
4. The fields of the event should be mapped properly across the tables in databases
5. If the host decides to modify contents on the event the modified part should be notified to everyone involved with the event.

User story #8

As a guest, I would like to be reminded about any upcoming events I have enrolled in, so that I do not forget to attend the event.

#	Description	Estimated Time (hrs)	Owner
1	Have a notification bell icon to alert the user about a message	2	Viswajeeet Balaji
2	API Gateway to trigger endpoint if current date is close to date of event.	4	Viswajeeet Balaji
3	AWS Lambda Server code to check with database about the list of guests in the event and send them notifications	5	Viswajeeet Balaji
4	Unit Test -verify database entry, ensure all guests who joined event receive notifications, users who are not part of the event do not receive notifications.	5	Viswajeeet Balaji

Acceptance Criteria:

1. The notification bell should be visible and should be easily accessible for the user.
2. User should be able to click on the bell icon and view list of notifications.
3. On clicking a particular event, a display panel would display the event information.
4. The server would send notifications one day before the event.

User story #9

As a host, I would like to be able to manage all contributors for a specific event by assigning specific responsibilities("cards") to them.

#	Description	Estimated Time (hrs)	Owner
1	Create a button under individual tasks to add more contributors.	1	Seerat Dheer
2	Display a field for the host to input the contributor via the username	2	Seerat Dheer
3	API Gateway input request validation	3	Seerat Dheer
4	Validate the request and then update the data in AWS dynamoDB	4	Seerat Dheer
5	Unit -testing:Check if the list of contributors has updated in the database. Verify there are no duplicates	4	Seerat Dheer

Acceptance Criteria:

1. Display a button on the user interface to under the tasks section that enables the host to add a contributor to the task.
2. The task has a field to input credentials for a contributor.
3. The host should be able to add a contributor by inputting the username.
4. Once added, the task also displays the list of contributors for that task.

User story #10

As a guest, I would like to be able to remove myself from the event

#	Description	Estimated Time (hrs)	Owner
1	Create a remove event' button in the user(guest) interface which will allow them to remove an event from their list of events	1	Sanjay Babu Krishna
2	remove the user from the event and remove the users name and details from the participant list and database of said event	3	Sanjay Babu Krishna
3	remove event from users personal list of events and remove event icon in the list.	3	Sanjay Babu Krishna
4	Alert the user about the changes and replace 'remove event' button with a 'join event' button which should perform all its functions	3	Sanjay Babu Krishna
5	Unit -testing: check if all new fields are functioning properly	2	Sanjay Babu Krishna

Acceptance Criteria:

1. Remove event button should work upon clicking and call necessary functions to make changes
2. The guest should be removed from the active and real time list of participants for the event
3. The events should be removed from the personal event list of the user.
4. When remove event button is clicked, the remove event button should be effectively be replaced with the new button

User story #11

As a host, I would like to see a list of people who have signed up for this event

#	Description	Estimated Time (hrs)	Owner
1	Create a panel which shows a list of guests participating in the event	2	Devansh
2	Fetch data from the database to get a list of guests related to the event in JSON format	2	Devansh
3	Update the guest list every time a guest joins or leaves the event so that the host can keep track of the guests in real time	3	Devansh
4	Unit test- Make sure that same guest is not registered for the event more than time	1	Devansh

Acceptance Criteria:

1. The panel should be created once the event is created by the host.
2. The panel should updated frequently and it should show correct information about the guests.
3. The host should be able to view the profile of the guest by clicking on the guest.
4. All the unit tests should pass the validity checks

User story #12

As a host, I would like to be able to communicate new information to the guests so that they can stay updated about the event

#	Description	Estimated Time (hrs)	Owner
1	Notification bell for guest. Send notification button for host	3	Viswajeeet Balaji
2	API Gateway endpoint which triggers the server code and validates request	4	Viswajeeet Balaji
3	Lambda Server code to send message to all guests from host by retrieving guest list from database.	5	Viswajeeet Balaji
4	Unit test- Check if all correct users receive the messages from the host. Check the database for guest list	4	Viswajeeet Balaji

Acceptance Criteria:

5. The panel should be created once the event is created by the host.
6. The panel should be updated frequently and it should show correct information about the guests.
7. The host should be able to view the profile of the guest by clicking on the guest.
8. All the unit tests should pass the validity checks

User story #13

As a host, I would like to use tags to describe the event so that the event can pop up in the recommended list for users who have similar tags.

#	Description	Estimated Time (hrs)	Owner
1	Add data fields to the UI for the host to add tags	2	Devansh
2	Send query to the database in form of JSON data to the API Gateway	2	Devansh
3	Update the database for the event and the UI for it	3	Devansh
4	Unit test- Make sure that same tag is not registered for the event more than one time	1	Devansh

Acceptance Criteria:

1. The data field to add the tags should correctly to the backend
2. The tags should be correctly displayed for the UI of event
3. The guest should be able to view the tags for the event
4. All unit tests should pass the validity checks

Product Backlog

- ~~1. As a user I would like to signup for an Happening Place account.~~
- ~~2. As a user I would like to login and manage my Happening Place account.~~
- ~~3. As a user I would like to reset my login credentials for my account.~~
- ~~4. As a user, I would like to get recommendations on the events nearby, so that I can get the most relevant events nearby me.~~
- ~~5. As a guest, I would like to view list of events in my zip code.~~
- ~~6. As a guest, I would like to view list of events around me in a map. (if time allows)~~
- ~~7. As a guest, I would like to have a recommended list of events based on my interests~~
- ~~8. As a guest, I would like to have the feature of sorting through available events based on certain filters, so that I can view events which are aligned to my interests~~
- ~~9. As a guest, I would like to be able to view the event information such as location, time and event description~~
- ~~10. As a guest, I would like to be able to join an event~~
- ~~11. As a guest, I would like to be able to remove myself from the event~~
- ~~12. As a guest, I would like to be reminded about any upcoming events I have enrolled in, so that I do not forget to attend the event~~
- ~~13. As a guest, I would like to have a timeline feature which lists all events I have attended in the past.~~
- ~~14. As a guest, I would like to have the ability to make my profile public or private.~~
- ~~15. As a guest, I would like to view profiles of other users and connect with them.~~
- ~~16. As a guest, I would like to be able to view events visited by my friends.~~
- ~~17. As a guest, I would like to be able to share my events with friends.~~
- ~~18. As a guest, I would like to have direct messaging feature with the event host, so that I can communicate directly with him or her.~~
- ~~19. As a guest, I would like to be able to rate an event I attended, so that other users will know the quality of the events organized by this particular host~~
- ~~20. As a host, I would like to create events so that I can communicate and collaborate with like minded people.~~
- ~~21. As a host, I would like to delete or modify the event details in case there is change of location or time due to unforeseen circumstances.~~

- ~~22. As a host, I would like to add contributors to this event by searching for their username.~~
- ~~23. As a host, I would like to be able to create a list of "cards" .i.e a list of tasks for to be completed for the specific event.~~
- ~~24. As a host, I would like to be able to manage all contributors for a specific event by assigning specific responsibilities("cards") to them.~~
25. As a host, I would like to have a separate channel of communication for with the contributors based on their assigned cards.
- ~~26. As a host, I would like to see a list of people who have signed up for this event.~~
27. As a host, I would like to see the demographics of the people who have signed up for a particular event based on the user's interest tags, so that the event can be tailored to a specific audience
- ~~28. As a host, I would like to be able to communicate new information to the guests so that they can stay updated about the event~~
29. As a host, I would like to manage questions and responses from participants and forward them to the assigned contributors for appropriate response.
30. As a host, I would like to view past events in a timeline format for historical records purposes
31. As a host, I would like to view ratings and reviews of the event so that I can improve the event quality in the future.
- ~~32. As a host, I would like to use tags to describe the event so that the event can pop up in the recommended list for users who have similar tags.~~
33. As a host, I would like to be able to select the view mode of the event .i.e make an event either a closed private event, open to a select few or make it public.