



Sprint 2 Planning Document

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Sprint Overview:

During this sprint, we hope to add additional features to our Android app. We plan to create a functional build that can fulfill the user stories we have planned to implement in this sprint and work on completing the parts of the user stories we could not get to work the last sprint.

Scrum Master: Siddhesh Patil

Meeting Plan: Thursdays @ 9 am

Risks and Challenges:

Some challenges that we will face during the sprint would be implementing the chat feature for the users to send messages to each other, and finding the right API to find flights and hotels as most of them are expensive.

Current Sprint Detail

User Story #1

As a user, I would like to see destination recommendations based on my interests

#	Description	Estimated Time	Owner
1	Create UI to show destination recommendations	3	Dhairya
2	Create UI to show more information about the destinations	5	Aastha, Dhairya
3	Create an algorithm to get destination recommendations from user interest tags	4	Aastha
4	Debug and test	3	Aastha

Acceptance Criteria:

- Given that the UI is created properly, when a user logs in, then the homepage is displayed.
- Given that the connection between the Database and UI is implemented correctly, when a user logs in, then the homepage displays destination recommendations based on the user's interests.
- Given that the UI is created properly, when a user clicks on a destination, then information about the location is displayed.

User Story #2

As a user, I would like to see travel companion recommendations based on similar interests

#	Description	Estimated Time	Owner
1	Create UI to show travel companion recommendations	3	Siddhesh
2	Create an algorithm to get travel companions that have common interests	3	Kevin, Stephen
3	Debug and test	4	Kevin

Acceptance Criteria:

- Given that the UI is created properly, when a user clicks on show travel companion recommendations, then the user is navigated to that page.

- Given that the connection between the Database and UI is implemented correctly, when a user is navigated to the travel companion recommendation page, then all the travel companions having similar interests with the user are listed on the page.
- Given that the UI is created properly, when a user clicks on a user from the list, then the user is navigated to the selected user's profile page.

User Story #3

As a user, I would like to report another user

#	Description	Estimated Time	Owner
1	Create UI to report users	2	Siddhesh
2	Create an algorithm to keep track of the number of reports against a user.	4	Upmanyu
3	Create an algorithm to notify and delete users with a high number of reports.	4	Upmanyu
4	Debug and test	4	Upmanyu

Acceptance Criteria:

- Given that the UI is created properly, when a user clicks on report user, then the reported user is marked reported in the database.
- Given that the connection between the Database and UI is implemented correctly, when a user reports another user, the reported user's report count is updated.
- Given that the connection between the Database and UI is implemented correctly, when a user has been reported a lot of times, that user is notified about the deletion of their account.

User Story #4

As a user, I would like to be able to send messages to my potential travel companions

#	Description	Estimated Time	Owner
1	Create UI to send messages	2	Siddhesh
2	Create an algorithm that allows the user to send messages to another user	7	Stephen, Aastha
3	Debug and test	5	Stephen

Acceptance Criteria:

- Given that the UI is created correctly, when a user opens a chat, then an area to input message is displayed.
- Given that the connection between UI and Database is implemented correctly, when a user opens a chat, then the messages they have exchanged are displayed.
- Given that the connection between UI and Database is implemented correctly, when a user sends a message, then that message appears in the chat of the sender.

User Story #5

As a user, I would like to receive message notifications

#	Description	Estimated Time	Owner
1	Create UI to receive messages	2	Siddhesh
2	Create an algorithm that notifies a user when they have received a message.	4	Kevin
3	Debug and test	5	Kevin

Acceptance Criteria:

- Given that the UI is created correctly, when a user receives a message, then the user will receive a notification.
- Given that the UI is implemented correctly, when the user clicks on the notification, then they will be taken to the chat box in the app.
- Given that the connection between UI and Database is implemented correctly, when the user opens the notification, then the messages displayed are correct and in chronological order.

User Story #6

As a user, I would like to be able to block other users.

#	Description	Estimated Time	Owner
1	Create UI to block users	2	Stephen
2	Create an algorithm that lets a user block other users	3	Aastha
3	Create an algorithm that ensures that blocked users can't message the person who blocked them.	3	Aastha
4	Create an algorithm that ensures that blocked users can't see the user profile in search results	3	Aastha

5	Create an algorithm that lets users unblock blocked users.	2	Aastha
6	Debug and test	3	Dhairya

Acceptance Criteria:

- Given that the UI is created correctly, when the user views another user's profile, they will be given an option to block the user.
- Given that the UI is created correctly, when the user views the list of blocked users, they will be given an option to unblock a user.
- Given that the connection between UI and database is implemented correctly, when a user blocks another user, then the blocked user won't be able to message that user.
- Given that the connection between UI and database is implemented correctly, when a user goes to the search page, then the blocked user won't be listed in the search results.

User Story #7

As a user, I would like to be able to receive messages from my potential travel companions.

#	Description	Estimated Time	Owner
1	Create UI to be able to receive messages	2	Siddhesh
2	Create an algorithm that allows users to receive messages from another user.	7	Stephen
3	Debug and test	5	Stephen

Acceptance Criteria:

- Given that the UI is created correctly, when a user clicks on messages, the user should be able to see all the chats.
- Given that the connection between UI and database is implemented correctly, when a user clicks on a chat, then the user is taken to the chat with the other user.
- Given that the connection between UI and database is implemented correctly, when a user views a chat, then the new message is displayed on the chat.

User Story #8

As a user, I would like to be able to see other users' ratings & reviews

#	Description	Estimated Time	Owner
1	Create UI to be able to see other users' ratings	2	Siddhesh

	and reviews		
2	Create an algorithm that retrieves the rating and reviews from the database.	3	Kevin
3	Debug and test	3	Kevin

Acceptance Criteria:

- Given that the UI is created correctly, when the user views the profile of another user, then they are able to see the other users' ratings and reviews.
- Given that the connection between UI and database is implemented correctly, when a user gets a new rating, then it is updated on the profile page.
- Given that the connection between UI and database is implemented correctly, when a user gets a new review, then it is updated on the profile page.

User Story #9

As a user, I would like to be able to easily navigate between tabs.

#	Description	Estimated Time	Owner
1	Create tab navigation UI	5	Siddhesh
2	Implement tab navigation UI functionality	4	Siddhesh
3	Debug and test	4	Siddhesh

Acceptance Criteria:

- Given the UI is created correctly, when the user is viewing pages, then the navigation panel is displayed on those pages.
- Given that the UI functionality is implemented correctly, when the user clicks on an option in the navigation panel, then the user will be redirected to the appropriate page.
- Given that the connection between the UI and database is implemented correctly, when a user is redirected to the appropriate page, then the app does not crash on redirections.

User Story #10

As a user, I would like to be able to edit the reviews & ratings that I have posted for other users

#	Description	Estimated Time	Owner
1	Create UI to edit reviews and ratings	2	Dhairya

2	Create an algorithm to make sure a user can rate/review another user only once and be able to edit said rating/review	3	Aastha
3	Debug and test	3	Aastha

Acceptance Criteria:

- Given that the UI is created correctly, when a user clicks on edit review, then the user is able to edit the review that they posted.
- Given that the UI is created correctly, when a user clicks on edit rating, then the user is able to edit their rating that they posted.
- Given that the connection between the UI and database is implemented correctly, when a user edits a review or rating, then it is updated in the database.

User Story #11

As a user, I would like to leave an anonymous comment along with the rating for another user on his/her profile page and it will be visible to other users.

#	Description	Estimated Time	Owner
1	Create UI for allowing comments to be anonymous	2	Dhairya
2	Create an algorithm that lets users leave reviews along with their rating for a user anonymously.	3	Kevin
3	Debug and test	3	Kevin

Acceptance Criteria:

- Given that the UI is implemented correctly, when a user leaves a review on someone's profile, then they are given the option to be anonymous.
- Given that the connection between the UI and database is implemented correctly, then the anonymous review will be updated in the database. .
- Given that the algorithm is created correctly, the when a user views a profile, then, the name of authors of anonymous reviews will not be displayed.

User Story #12

As a user, I would like to find hotels at my destination.

#	Description	Estimated Time	Owner
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1	Create UI for finding hotels at a destination	3	Siddhesh
2	Create an algorithm that acquires and displays hotel recommendations based on location and destination.	4	Upmanyu
3	Debug and test	4	Upmanyu

Acceptance Criteria:

- Given that the UI is implemented correctly, when a user enters a destination, a user is given an option to find hotels.
- Given that the UI is implemented correctly, when a user clicks on find hotels, then they will be able to view a list of recommended hotels at that destination.
- Given that the UI is implemented correctly, when a user is shown recommended hotels, information such as address will also be displayed.

User Story #13

As a user, I would like to find flights to my destination.

#	Description	Estimated Time	Owner
1	Create UI for finding flights to a destination	3	Dhairya
2	Create an algorithm that acquires and displays flight recommendations based on location and destination.	6	Upmanyu
3	Debug and test	4	Upmanyu

Acceptance Criteria:

- Given that the UI is implemented correctly, a user is given an option to find flights when selecting a destination.
- Given that the UI is implemented correctly, when a user clicks on find flights, then they will be able to view a list of recommended flights at that destination.
- Given that the UI is implemented correctly, when a user is shown recommended flights, price will also be displayed.

User Story #14

As a user, I would like to create groups with multiple people (if time allows)

#	Description	Estimated Time	Owner
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1	Create UI to form groups with multiple people	3	Stephen
2	Create an algorithm that lets users create chat groups with other users.	10	Dhairya, Kevin
3	Debug and test	6	Dhairya, Kevin

Acceptance Criteria:

- Given that the UI is implemented correctly, when a user is viewing a chat, then an option to invite other users to the chat.
- Given that the UI is implemented correctly, when a user is added to a group chat, then they are able to see the other users in the chat group.
- Given that the connection between UI and database is implemented correctly, when the invited user is added to the chat, the chat is displayed.

User Story #15

As a user, I would like to send pictures in a chat (if time allows)

#	Description	Estimated Time	Owner
1	Create UI to send pictures in a chat	2	Stephen
2	Create an algorithm that lets users upload and display images in chats	6	Dhairya, Aastha
3	Debug and test	5	Dhairya

Acceptance Criteria:

- Given that the UI is implemented correctly, the users will be able to send pictures in the chat
- Given that the UI and the algorithm are implemented correctly, users will be able to select if they would like to send pictures from the camera roll or click a new picture with their device's camera
- Given that the algorithm is implemented correctly, the receiver will receive the image sent by the user.

Sprint 1 - Incomplete User Stories, Tasks & Acceptance Criteria

User Story #2

As a user, I would like to login to my Travelin account.

3	Create an algorithm to keep user logged in between sessions	4 hours	Dhairya, Kevin
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Acceptance Criteria:

- Given that the algorithm to keep users logged in is correctly implemented, when the user closes the app, then the user will remain logged in when the app is opened again

User Story #7

As a user, I would like to see my reviews.

1	Create UI to see a user's own reviews	2 hours	Siddhesh
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Acceptance Criteria:

- Given that the UI for displaying reviews is implemented correctly, when the user goes to their profile, then the reviews will be displayed in the profile page.
- Given that the connection between the Database and UI is implemented correctly, when the user goes to their profile, the reviews are displayed containing their authors, ratings, and the text body of the review.

User Story #10

As a user, I would like to upload pictures to my profile from my previous travels.

1	Create UI to upload pictures to user profile	4 hours	Aastha, Siddhesh
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Acceptance Criteria:

- Given that the UI for displaying profiles is implemented correctly, when the users are viewing a profile, then they will be able to see a list of photos uploaded by the user.
- Given that the algorithm to store images is implemented correctly, when the user clicks on their profile after uploading images, then they will be able to see the images that they uploaded.

User Story #12

As a user, I would like to be able to specify my interests.

1	Create UI to set interest tags	2 hours	Aastha
2	Create an algorithm to insert and obtain interest information from the database	4 hours	Upmanyu

Acceptance Criteria:

- Given that the UI for displaying profiles is implemented correctly, when the user is viewing a profile, then they will be able to see a list of tags that the user has marked as their interests.
- Given that the connection between the database and UI for viewing profiles is implemented correctly, when the user is viewing a profile, then only the tags that have been approved by admins will be displayed.
- Given that the connection between the database and UI is implemented correctly, when a user creates a new tag, then the admins should be prompted to approve the tag.

User Story #13

As a user, I would like to be able to delete my account.

1	Create UI to delete an account	2 hours	Siddhesh
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Acceptance Criteria:

- Given that the UI for clicking on delete account is implemented correctly, when the user clicks on delete account, then the user is asked to confirm that they want to delete their account.
- Given that the connection between the UI and Database is implemented correctly, when the user confirms deleting the account, then the user is prompted to input login information to confirm identity.

Remaining Backlog

Functional

1. As a user, I would like to book hotels to my destination (if time allows).
2. As a user, I would like to book flights to my destination (if time allows).
3. As a user, I would like to have a forum to have conversations with other users on specific topics
4. As a user, I would like to create a new post on the forum

5. As a user, I would like to reply to an existing post on the forum
6. As a user, I would like to upvote a post on the forum
7. As a user, I would like to downvote a post on the forum
8. As a user, I would like to report a post/comment on the forum
9. As a user, I would like to filter the content of the forum based on the time posted.
10. As a user, I would like to filter the content on the forum based on popularity
11. As a user, I would like to post photos and videos to the forum
12. As a user, I would like to see who created or replied to a post
13. As a user, I would like to hide a post on my forum page.
14. As a user, I would like to delete my post on the forum.

Non-Functional

1. Must be able to open this app on Android phones
2. Must have an interface that is intuitive and easily navigable
3. Must have a database that is easy to maintain and extend for new content
4. Must not be too complicated that detracts from the app experience