



Sprint 3 Planning Document

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Sprint Overview:

During this sprint, we hope to finish adding the remaining features we have planned to our Android app. We plan to create a polished build that can fulfill the user stories we have planned to implement in this sprint as well as the user stories we could not complete 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 history for forums and messages in the chat.

Current Sprint Detail

User Story #1

As a user, I would like to have a forum to have conversations with other users on specific topics

#	Description	Estimated Time	Owner
1	Create forum UI	2 hrs	Aastha, Dhairya
2	Create UI to navigate to the forum page	2 hrs	Aastha, Dhairya
3	Debug and test	4 hrs	Aastha, Dhairya

Acceptance Criteria:

- Given that the UI is implemented correctly, the user is able to correctly navigate to the forum page
- Given that the UI is implemented correctly, the user is able to view the forum page
- Given that the connection between Database and UI is implemented correctly, the user is able to see the posts in the forum

User Story #2

As a user, I would like to create a new post on the forum

#	Description	Estimated Time	Owner
1	Create UI to make new forum posts	3 hrs	Siddhesh
2	Create an algorithm to allow users to make new forum posts	6 hrs	Siddhesh, Dhairya
3	Debug and test	6 hrs	Siddhesh

Acceptance Criteria:

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- Given that the connection with the database is implemented correctly, the forum post will be created on the backend.
- Given that the connection between the database and the UI is implemented correctly, the forum post will show up in the list of forums available.
- Given that the connection between the database and the UI is implemented correctly, clicking on the post will take me to the comments page for the post.

User Story #3

As a user, I would like to reply to an existing post on the forum

#	Description	Estimated Time	Owner
1	Create UI to reply to forum posts	3 hrs	Siddhesh
2	Create an algorithm to allow users to reply to forum posts	6 hrs	Kevin
3	Debug and test	6 hrs	Kevin

Acceptance Criteria:

- Given that the UI is implemented correctly, clicking on the reply button will open a text box to reply.
- Given that the connection between the database and UI is implemented correctly, clicking the "post" button should link my reply to the parent in the backend.
- Given that the connection between the database and UI is implemented correctly, the reply should be visible to all users who are viewing that forum post.

User Story #4

As a user, I would like to upvote a post on the forum

#	Description	Estimated Time	Owner
1	Create UI to upvote forum posts	3 hrs	Siddhesh
2	Create an algorithm to allow users to upvote a post	6 hrs	Aastha,Upmanyu

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3	Debug and Test	6 hrs	Aastha,Upmanyu
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Acceptance Criteria:

- Given that the UI is implemented correctly, users are able to upvote a forum post
- Given that the connection between UI and database is implemented correctly, users are able to see how many net votes a post has
- Given that the UI is implemented correctly, users are able to un-vote a post

User Story #5

As a user, I would like to downvote a post on the forum

#	Description	Estimated Time	Owner
1	Create UI to downvote forum posts	3 hrs	Siddhesh
2	Create an algorithm to allow users to downvote a post	6 hrs	Aastha, Upmanyu
3	Debug and Test	6 hrs	Aastha, Upmanyu

Acceptance Criteria:

- Given that the UI is implemented correctly, user are able to downvote a forum post
- Given that the connection between UI and Database is implemented correctly, users are able to see how many net votes a post has
- Given that the UI is implemented is correctly, users are able to un-vote a post

User Story #6

As a user, I would like to report a post/comment on the forum

#	Description	Estimated Time	Owner
1	Create UI to report forum posts	3 hrs	Siddhesh
2	Create an algorithm to allow users to report a post	6 hrs	Stephen
3	Debug and test	6 hrs	Stephen

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Acceptance Criteria:

- Given that the UI is implemented correctly, users are able to report a forum post.
- Given that the connection between Database and UI is implemented correctly, highly reported posts will be taken down.
- Given that the UI is implemented correctly, users are able to report only once.

User Story #7

As a user, I would like to filter the content of the forum based on the time posted.

#	Description	Estimated Time	Owner
1	Create UI to filter forum posts based on time posted	2 hrs	Aastha
2	Create an algorithm to allow users to filter content based on time	5 hrs	Kevin
3	Debug and test	5 hrs	Kevin

Acceptance Criteria:

- Given that the UI is implemented correctly, there will be a button that allows you to filter the forum posts
- Given that the connection between the database and the UI is implemented correctly, selecting "recent" will display the most recent forum posts at the top.
- Given that the connection between the database and the UI is implemented correctly, users are able to sort the posts in reverse chronological order.

User Story #8

As a user, I would like to filter the content on the forum based on popularity

#	Description	Estimated Time	Owner
1	Create UI to filter forum posts based on popularity	2 hrs	Aastha, Kevin

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2	Create an algorithm to allow users to filter content based on popularity	5 hrs	Kevin
3	Debug and test	5 hrs	Dhairya, Kevin

Acceptance Criteria:

- Given that the UI is implemented correctly, there will be a button that allows you to filter the forum posts.
- Given that the connection between the database and UI is implemented correctly, clicking “popular” will put the most upvoted posts at the top.
- Given that the connection between the database and UI is implemented correctly, users are able to sort the posts in reverse based on upvotes.

User Story #9

As a user, I would like to post photos to the forum

#	Description	Estimated Time	Owner
1	Create UI to post photos and videos to the forum	5 hrs	Dhairya
2	Create an algorithm to allow users to post photos to the forum	5 hrs	Stephen
3	Debug and test	5 hrs	Stephen

Acceptance Criteria:

- Given that the UI is implemented correctly, clicking “add photo” will allow me to select a photo from my photo gallery.
- Given that the connection between the database and the UI is implemented correctly, the photo will be uploaded and it will be displayed to other users.
- Given that the connection between the database and UI is implemented correctly, clicking on the image will cause it to go fullscreen.

User Story #10

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As a user, I would like to see who created or replied to a post

#	Description	Estimated Time	Owner
1	Create UI to show forum post information	2 hrs	Dhairya
2	Create an algorithm to allow users to see who created or replied to a post	3 hrs	Aastha, Dhairya
3	Debug and test	5 hrs	Aastha, Dhairya

Acceptance Criteria:

- Given that the UI is implemented correctly, users are able to view who created a post
- Given that the connection between UI and Database is implemented correctly, users are able to reply to a post
- Given that the connection between UI and Database is implemented correctly, the reply is visible to users

User Story #11

As a user, I would like to hide a post on my forum page.

#	Description	Estimated Time	Owner
1	Create UI to hide forum posts	2 hr	Aastha
2	Create an algorithm to hide a post	5 hrs	Stephen
3	Debug and test	5 hrs	Stephen, Aastha

Acceptance Criteria:

- Given that the UI is implemented correctly, clicking “hide” will make the post invisible on my screen.
- Given that the UI is implemented correctly, clicking “unhide” should redisplay the post.

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- Given that the connection between the UI and the database is implemented correctly, the post should still be visible to other users.

User Story #12

As a user, I would like to delete my post on the forum.

#	Description	Estimated Time	Owner
1	Create UI to delete forum posts	1 hr	Dhairya
2	Create an algorithm to delete my post	5 hrs	Dhairya
3	Debug and test	6 hrs	Dhairya, Aastha

Acceptance Criteria:

- Given that the UI is implemented correctly, I will no longer be able to see my post.
- Given that the connection between the database and the UI is implemented correctly, my post should be deleted from the backend.
- Given that the connection between the database the the UI is implemented correctly, my post should no longer be visible to other users.

User Story #13

As a user, I would like to go to the page that lets me book the hotel at my destination (if time allows).

#	Description	Estimated Time	Owner
1	Create UI	3 hrs	Siddhesh
2	Create an algorithm to link to booking hotels	5 hrs	Upmanyu
3	Debug and test	5 hrs	Upmanyu

Acceptance Criteria:

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- Given that the UI is implemented correctly, I will be able to click on a hotel listing and be redirected to be able to book that hotel.
- Given that the connection between the UI and Database is implemented correctly, the correct hotel name is searched
- Given that the UI is implemented correctly, I will be able to go back to the app still logged in.

User Story #14

As a user, I would like to be able to go to the page that lets me book the flight to my destination (if time allows).

#	Description	Estimated Time	Owner
1	Create UI	3 hrs	Siddhesh
2	Create an algorithm to link to booking flights	5 hrs	Upmanyu
3	Debug and test	5 hrs	Upmanyu

Acceptance Criteria:

- Given that the UI is implemented correctly, I will be able to click on a flight listing and be redirected to be able to book that flight.
- Given that the UI is implemented correctly, I will be able to go back to the app still logged in.
- Given that the connection between the UI and Database is implemented correctly, the correct flight is searched

Sprint 2- Incomplete User Stories, Tasks & Acceptance Criteria

User Story #1

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

#	Description	Estimated Time	Owner
3	Create an algorithm to get destination recommendations from user interest tags	4	Upmanyu

Acceptance Criteria:

- 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.

User Story #3

As a user, I would like to report another user

#	Description	Estimated Time	Owner
3	Create an algorithm to notify and delete users with a high number of reports.	4	Dhairya
4	Debug and test	4	Aastha

Acceptance Criteria:

- 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 #5

As a user, I would like to receive message notifications

#	Description	Estimated Time	Owner
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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 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
3	Create an algorithm that ensures that blocked users can't message the person who blocked them.	3	Stephen
5	Create an algorithm that lets users unblock blocked users.	2	Upmanyu
6	Debug and test	3	Dhairya

Acceptance Criteria:

- 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.

User Story #7

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

#	Description	Estimated Time	Owner
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3	Debug and test	5	Stephen
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Acceptance Criteria:

- Given that the UI is created correctly, when a user clicks on message button, 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.

User Story #14

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

#	Description	Estimated Time	Owner
2	Create an algorithm that lets users create chat groups with other users.	10	Stephen, Kevin
3	Debug and test	6	Stephen, 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.

Sprint 1- Incomplete User Stories, Tasks & Acceptance Criteria

User Story #7

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

1	Create UI to see a user's own rating	2 hours	Aastha
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Acceptance Criteria:

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- Given that the UI for displaying rating is implemented correctly, when the user goes to their profile, then the reviews will be displayed on the profile page.

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 the user profile	4 hours	Dhairya
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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.