GETit

Sprint 2 Planning Document

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Sprint Overview:

For the second sprint, we plan on focussing on Orders tab in the application.

Scrum master:

Sehajbir Randhawa

Meeting Schedule:

Mondays and Wednesdays at 6:30 pm

Risks and Challenges:

As React Native is fairly new platform to develop applications, there are not a lot of built-in libraries for us to use. So we have to use 3rd party libraries like Swipe Card library to make our app function as we want. Moreover, there is no documentation specifically for React Native for Google's Firebase, so it is hard for us to find resources online. The only documentation there is for JavaScript is for Web dev apps. So we have to work around it so make things work.

Current Sprint Details:

User Story #11

As a user, I want to be able to generate requests for tasks I want completed so that another user is able to accept the request.

#	Task Description	Estimated Time	Owner
1	Create UI to add a request	5	Kartik
2	Adding the request to realtime database	5	Shiv
3	Retrieve the request information	5	Aman
4	Testing	5	Sehaj

Acceptance criteria:
- Given that the user clicks on a button to add a request, they should be navigated to a form to enter the details of the request.
- Given that the user fills the form and clicks on the submit button, the request should be added to the online database.
- Given that the user has added a request, it should show up along with the details of the request on the requests screen.

User Story #12

As a user, I want to be able to view my own generated requests history.

#	Task Description	Estimated Time	Owner
1	Create links which navigate to the request history from the Account and Requests page.	4	Aman
2	Create UI for the request history page	5	Shiv
3	Retrieve old requests from the user's profile on real-time firebase database and fill in the details in the history page	6	Aman
4	Testing	4	Kartik

Acceptance criteria:

- Given that the user clicks on the request history page, they should be navigated to the history page
- Given that the user in on the history page, it should be populated with the old requests from the user's profile in the database
- Given that a user, who hasn't made any requests, navigates to the request history page, they will not be able to see any requests.

User Story #13

As a user, I want to be able to select an option to choose my current location instead of a saved address for the request being generated.

#	Task Description	Estimated Time	Owner
1	Create additional option in the addresses field to choose the current location	4	Shiv
2	Retrieve the current location from a public API	5	Sehaj
3	Set it as the current address for the request in progress	4	Kartik
4	Testing	5	Aman

Acceptance criteria:
- Given that the user creates a new request, he should be able to select from their pre-existing addresses
- Given that the user triggers the current location UI, a request for the data will be sent to the API.
- Given that the data has successfully retrieved, a new address location will be added to the list of addresses.

User Story #14

As a user, I want to be able to re-request a request that I've already made previously.

#	Task Description	Estimated Time	Owner
1	Autofill the request page with the details from the old request	5	Sehaj
2	Sending the request details to database	5	Sehaj
3	Testing	5	Shiv

Acceptance criteria:

- Given that the user has a request history, they should be able to navigate to the history screen and select a request from there
- Given that the user has selected an old request, the new requests screen should be auto filled with its details
- Given that the user has re-requested a previous request, the request should be added to the current request list.

User Story #15

As a user, I want to be able to set a price to be paid to the user who accepts the task based on my own wish so that I don't have to pay excessively high delivery or service fees.

#	Task Description	Estimated Time	Owner
1	Create component for setting price when creating request	4	Shiv
2	Add the price details to the realtime firebase database.	4	Kartik
4	Testing	5	Sehaj

Acceptance criteria:

- Given that the user creates a new request, he should be able to add a price he wishes to pay.
- Given that the user has added a price for the request, the user should not be able to edit the price.
- Given that has added the price for the request and wants to edit the price, the user would have to delete the request to create a new one in order to avoid complexities.

User Story #16

As a user, I want to be able to add comments to my request to specify intricate details about my request.

#	Task Description	Estimated Time	Owner
1	Create UI for adding comments in the add request screen	3	Kartik
2	Send the comment to the database	3	Sehaj
3	Testing	5	Aman

Acceptance criteria:

- Given that the user is on the add request screen, they should be able to add comments to their current request
- Given that the user has added a comment to the order, that comment should be added to the realtime database
- Given that the user has added a comment to the order, editing the request should allow the user to remove or edit the comment too.

User Story #17

As a user, I want to be able to optionally add a link to either a picture of the specific product or a product page on some website.

#	Task Description	Estimated Time	Owner
1	Create UI for adding a link of any information related to the product/service to be requested.	5	Aman/ Kartik
2	Ability to click on the link and view the information it points to on a separate webview	4	Sehaj
3	Testing	5	Shiv

Acceptance criteria:

- Given that the user has made a request, the user will be able to add the link to showcase.
- Given that the user has added the link, the link should be able to open a webview
- Given that the user had added the link, they should be able to remove the link as well.

User Story #18

As a user, I want to be able to make edits to my request such as increase the order quantity after the request is generated and before it is accepted by anyone.

#	Task Description	Estimated Time	Owner
1	Create UI to incorporate editing the request	4	Shiv
2	Update the request details in database	5	Kartik
3	Testing	5	Sehaj

Acceptance criteria:

- Given that the user has a already placed the request, the user should be able to edit it.
- Given that the user has edited a request, the new details of the request should be updated in the database
- Given that the user had edited a request, the user can see the new details of the request in its current request list.

User Story #19

As a user, I want to be able to cancel my request if needed before someone accepts it.

#	Task Description	Estimated Time	Owner
1	Create UI for the cancellation of a current request	4	Kartik
2	Remove the request from the real time database	5	Sehaj
3	Testing	5	Aman

Acceptance criteria:
- Given that the user has a request that is open, they should be able to navigate to it from the main requests screen.
- Given that the user has opened a current request, they should be able to cancel it
- Given that the request has been cancelled, it should be removed from the realtime database.

User Story #20

As a user, I would like to be able to place multiple requests at the same time.

#	Task Description	Estimated Time	Owner
1	Add suitable UI to facilitate placing of multiple requests from the same user	3	Shiv
2	Add class properties on database to incorporate multiple requests from user	6	Kartik
3	Testing	5	Kartik

Acceptance criteria:

- Given that the user has already placed a request, the user should be able to place another request
- Given that the user has multiple requests, all the requests must be stored synchronously with the database.
- Given that the request has been cancelled, it should be removed from the realtime database.

- **Remaining Backlog:**

1. ~~As a user, I would like to create an account with GETit.~~
2. ~~As a user, I'd like to be able to sign up with my existing Google account instead of filling out a form to create a new account with GETit.~~
3. ~~As a user, I would like to be able to log in to the account I've created with GETit~~
4. ~~As a user, I want to be able to access the app and login to my account on Android or iOS devices.~~
5. ~~As a user, I would like to be able to reset my password, if forgotten.~~
6. ~~As a user, I would like to be able to save my phone number to my account so that a person can contact me if they have questions about the task I've posted.~~
7. ~~As a user, I would like to save multiple addresses to my account so that I can easily choose one of them when posting a request without having to re-enter my address.~~
8. ~~As a user, I want to be able to be able to add a profile picture so that I can be recognized by the person whose task I'm doing or who is doing my task.~~
9. ~~As a user, I want to be able to edit my profile picture.~~
10. ~~As a user, I want to be able to easily navigate to a page to generate a request for a task i want completed.~~
11. As a user, I want to be able to easily navigate to a page to accept requests posted by others.
12. ~~As a user, I want to be able to view my own generated requests history.~~
13. As a user, I want to be able to view my accepted requests(requests I have completed for others) history.
14. ~~As a user, I want to be able to generate requests for tasks I want completed so that another user is able to accept the request.~~

15. ~~As a user, I want to be able to select an option to choose my current location instead of a saved address for the request being generated.~~
16. ~~As a user, I want to be able to reorder a request that i've already made previously.~~
17. ~~As a user, I want to be able to set a price to be paid to the user who accepts the task based on my own wish so that I don't have to pay excessively high delivery or service fees.~~
18. ~~As a user, I want to be able to add comments to my request to specify intricate details about my request.~~
19. ~~As a user, I want to be able to optionally add a link to either a picture of the specific product or a product page on some website.~~
20. ~~As a user, I want to be able to make edits to my request such as increase the order quantity after the request is generated and before it is accepted by anyone.~~
21. ~~As a user, I want to be able to cancel my request if needed before someone accepts it.~~
22. ~~As a user, I would like to be able to place multiple requests at the same time.~~
23. As a user, I would like to receive a notification when my request is accepted.
24. As a user, I would like to receive a notification when another user arrives at the store or restaurant to pick up the item I have requested for.
25. As a user, I would like to receive a notification when another user picks up my order and is ready to deliver the item I've asked for.
26. As a user, I would like to select preferred categories of requests I am willing to accept.
27. As a user, I would like to receive a notification when a new request within my preferred categories is posted.

28. As a user, I would like to be able to turn off notifications for new requests within my preferred categories so that I won't be disturbed by them when I'm busy.

29. As a user, I would like to be able to see the amount a user is going to pay me for completing the request.

30. As a user, I would like to be able to see details of the request posted by the user.

31. As a user, I would like to be able to see the location(eg. Dorm name) of the user that has requested a task so that I can accept a request if it's on the way.

32. As a user, I want to be able to select an option to text message the user that posted the request so I can clarify any doubts I have regarding their request.

33. As a user, I want to be able to select an option to call the user that posted the request so that I can clarify any doubts I have regarding their request.

34. As a user, I want to be able to make a payment smoothly.

35. As a user, I want to be able to verify that I have received the item at the completion of a request before the payment is made.

36. As a user, I want to be able to rate the service of the user who accepted and completed my request.

37. As a user, I want to be able to send an email about a complaint or feedback to GETit. (If time allows)

38. As a user, I want to be able to log in to GETit using fingerprint log in. (If time allows)

39. As a user, I would like to be able to accept multiple requests if they are all from the same store/restaurant. (If time allows)

40. As a user, I'd like to block specific people from my history from receiving my requests (If time allows)

41. As a user, I'd like to not receive requests from specific people in my history (If time allows)

Non-Functional:

1. Architecture and Performance
2. Security
3. Deployment