GETit

Sprint 3 Planning Document

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Sprint Overview:

For the third sprint, we plan on focussing on Orders tab in the application and plan on bringing together all the components of the app to have a ready product by the end of this sprint.

Scrum master:

Sehajbir Randhawa

Meeting Schedule:

Mondays and Wednesdays at 6:30 pm

Risks and Challenges:

For this sprint we are planning to adapt to automated testing for some part of our application at least. As none of our team members have prior experience with automated testing, we would have to do some research on how to implement it.

To implement payment for the application, we plan to link Venmo to our application. We would have to take a risk with this methodology because it is a third party application which take care of our payments. Moreover, because there is no proper documentation on how to link Venmo to our application, we have to rely on unofficial links to make it work.

Lastly, as this is the last sprint we have to tie up all the ends of our app and make it a finished product with all the fundamental functionality working.

Current Sprint Details:

User Story #21

As a user, I want to easily be able to navigate to a page to accept orders posted by others.

#	Task Description	Estimated Time	Owner
1	Create suitable UI for viewing all users' requests on Orders page	2	Aman
2	Fetch all requests from Firebase and populate the UI with this information	2	Aman
3	Testing	5	Sehaj

Acceptance criteria:

- Given that the user clicks on the Orders tab, a list of all requests posted by all users should appear.
- Given that the user is on the Orders tab, if a new request is added to the database, the request should update on the Orders tab
- Given that the user is on the Orders tab, all the requests should be sorted based on their timestamp of when the request was placed.

User Story #22

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

#	Task Description	Estimated Time	Owner
1	Create button UI and add navigation to order details page	1	Kartik
2	Create UI for order details page	4	Sehaj
3	Retrieve the order details and display it	2	Sehaj
4	Testing	5	Shiv

Acceptance criteria:

- Given that a user is on the orders tab, every request seen should have a "details" button.
- Given that a user clicks on the "details" button for any particular order, the user should be navigated to an order details page
- Give that a user clicks the back button, the user will be navigated back to the orders tab.

User Story #23

As a user, I would like to be able to see the location in a map of the user that has requested a task so that I can accept a request if it's on the way.

#	Task Description	Estimated Time	Owner
1	Set up API for static maps and get the map component for the current location	5	Shiv
2	Set up the recieved map component in the details UI	2	Shiv
3	Add link to open the location in the default maps app on clicking the component	2	Shiv
4	Testing	5	Aman

Acceptance criteria:

- Given that the user has, clicked on an order, they should be navigated to the details screen and see the map with the location of the order, along with the other details.
- Given that the user is on the details page, the map component zoom level should be auto adjusted based on the type of location.
- Given that the user has clicked on the map component, they should be navigated to the built in maps app with the current location

User Story #24

As a user, I want to be able to accept an order posted by another user if i am satisfied with the details.

#	Task Description	Estimated Time	Owner
1	Create UI component to accept order	1	Shiv
2	Make pop up to confirm order if user wants to accept it.	1	Sehaj
3	Add order to the user's current orders.	3	Sehaj
4	Set order to not show up as available for other users through backend	3	Sehaj
5	Make changes in the request tab of the user who has placed the request to show that the request has been picked up	2	Shiv
6	Testing	5	Kartik

Acceptance criteria:
- Given that the user clicks on the accept button, a confirmation pop up should make sure that the user definitely wants to accept the order.
- Given that the user has accepted a request, it should show up in the user's current order tab in the orders screen
- Given that the user has accepted an order, it should not show up in the available orders for other users.

User Story #25

As a user, I would like to receive a notification when my request is accepted.

#	Task Description	Estimated Time	Owner
1	Use a library to make the UI of the notification pop up.	4	Kartik
2	Add a listener function which detects any change in the firebase database.	3	Sehaj
3	Testing	5	Aman

Acceptance criteria:

- Given that the user has the app open, if their request has been accepted, they should get notified of that with a notification
- Given that the user has the app closed, if their request has been accepted, they should get notified of that when they open the app.
- Given that the user has received a notification, they should be able to drag up to remove it.

User Story #26

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.

#	Task Description	Estimated Time	Owner
1	Create UI component to facilitate calling the user that has placed the request	1	Aman
2	Display user's number and open dialogue to ask for confirmation before placing the call	3	Sehaj
3	Place the call after confirmation	3	Kartik
4	Testing	5	Aman

Acceptance criteria:

- Given that the user is on the order details page, they should be able to see the call button.
- Given that the user has clicked that button, they should be prompted with the number to place a call.
- Given that the user has confirmed the prompt, a call should be placed to the number of the user who has given the order.

User Story #27

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.

#	Task Description	Estimated Time	Owner
1	Create UI component to facilitate texting the user that has placed the request	1	Shiv
2	Display user's number and open dialogue to compose the text message and send the text	3	Kartik
3	Send the text after confirmation	3	Aman
4	Testing	5	Sehaj

Acceptance criteria:

- Given that the user is on the order details, they should see the text button
- Given that the user has clicked the text button, they should be prompted to enter the message to send.
- Given that the user has confirmed the prompt, the text should be sent to the user who has given the request.

User Story #28

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.

#	Task Description	Estimated Time	Owner
1	Use API to generate a QR code with value of the request UUID of the order on the device of the person who delivered the order.	4	Shiv
2	Once the requester scans the QR code, the number obtained from the QR code must be checked with the request UUID for the verification process to be completed.	4	Sehaj
3	Testing	5	Shiv

Acceptance criteria:
- Given the user has the order with them, they should be able to generate the QR code for the requester to scan
- Given the user has placed a request, they should be able to scan the QR code presenter by the user who accepted the order
- Given a request has been made, only the person who made the request should be able to successfully scan the QR code

User Story #29

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

#	Task Description	Estimated Time	Owner
1	Create UI to incorporate payment implementation	1	Shiv
2	Retrieve the Venmo username of the user who accepted the order	1	Kartik
3	Link Venmo to application with user details and price	2	Kartik
4	Adding cash option for the payment	2	Kartik
5	Testing	5	Aman

Acceptance criteria:
- Given that the completion of the order has been verified, an option to pay with Venmo and an option to pay with cash should be provided to the user who has placed the order.
- Given that the user has chosen to pay with Venmo, a deep link should automatically open Venmo with the username and price automatically filled out.
- Given that the user has chosen cash, a confirmation should come showing the transaction details.

User Story #30

As a user, I would like to be able to turn off notifications

#	Task Description	Estimated Time	Owner
1	Adding a flag in database with user preference of notifications	2	Aman
2	Add UI to toggle between turn on/off notification	1	Shiv
3	Turn on/off all notification according to the user specification	4	Kartik
4	Testing	5	Kartik

Acceptance criteria:

- Given that the user is in the my account page, there should be an option there to turn off the notifications
- Given that a user has turned off notifications, when a status change occurs in the request, the user should not be notified.
- Given that a user has turned off notifications, when an order is completed, a notification will not be shown.

- **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.
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)

42. ~~As a user, I'd like to see the status of each request that I have added.~~

43. ~~As a user, I'd like to see the details of each order that I have accepted so that I can see the details of delivery.~~

44. ~~As a user, I'd like to be able to accept a request that has been placed.~~

45. ~~As a user, I'd like to be able to access my accepted orders and all orders in the orders screen.~~

Non-Functional:

1. Architecture and Performance
2. Security
3. Deployment