



GETit

Team 19: Aman Wali, Kartik Mittal, Sehajbir Randhawa, Shiv Paul

Sprint Overview:

For this initial sprint, we plan on focussing on authenticating the user and storing their information in the Firebase Database. This data will then be used later in the application for linking future orders and requests. We also plan on working on the Login and Sign Up page as well as the Manage Account tab of the application. By the end of this sprint, a user will be able to create an account with GETit, log-in to their account and access the tab to manage or edit their account.

Scrum master:

Sehajbir Randhawa

Meeting Schedule:

Mondays and Wednesdays at 6:30 pm

Risks and Challenges:

Some of our team members are not familiar with the languages being used by us such as React Native, JavaScript and Firebase. They have however worked with similar technologies such as Android and iOS, so the first Sprint will pose a challenge as well as a good opportunity to see how all the members adapt to working in a new environment. One of the challenges that will affect us in this sprint will be to come up with the most appropriate and easy to use way to perform navigation through the different tabbed pages in our main screen.

Current Sprint Details:

User Story #1

As a user, I would like to create an account with GETit.

#	Task Description	Estimated Time	Owner
1	Creating the Sign Up page	4	Shiv
2	Setting up Firebase Database	2	Kartik
3	Linking the database to the application	3	Shiv
4	Setting the database rules	1	Kartik
5	Creating the User class to store user information	2	Sehaj
6	Testing	4	Aman

Acceptance criteria:

- Given that the user enters a valid email ID and a password that meets standards, the sign-up page should then give following input fields for the user to put additional details
- Given that the user fills out the form without any errors, they should now have an account for GETit
- Given the successful creation of this account, they should now be able to sign in from any device, with their data being synced automatically

User Story #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.

#	Task Description	Estimated Time	Owner
1	Creating UI to incorporate Google Sign in	3	Sehaj
2	Enabling Google Sign In in Firebase	2	Kartik
3	Get user information from Google after signing in	2	Sehaj
4	Auto-filling the Sign-Up page with user details	3	Shiv
5	Testing	3	Aman

Acceptance criteria:

- Given that the user enters a valid Google account and password, they should be able to sign-in.
- Given that the user successfully signs in with Google, they should not have to create a separate password for our app.
- Given that we obtain the information from the Google account, some of the data in the sign-up form should already be filled.

User Story #3

As a user, I would like to be able to log into the account I've created with GETit

#	Task Description	Estimated Time	Owner
1	Creating the Login page	5	Aman
2	Authenticating the parameters with Firebase	3	Aman
3	Obtaining user's personal details after a successful login	3	Shiv
4	Testing	3	Sehaj

Acceptance criteria:

- Given that the user has an account, they should be able to sign in
- Given that the user has signed in, their data should be pulled from the database into the application
- Given that the user has signed in, the requests and orders should be synced automatically

User Story #4

As a user, I want to be able to access the app and login into my account on Android or iOS devices.

#	Task Description	Estimated Time	Owner
1	Detecting the operating system and the device that the app is being run on.	1	Aman/ Shiv
2	Adjusting the different UI components to fit and look nice according to the information obtained	6	Aman/ Shiv
3	Testing	5	Kartik

Acceptance criteria:

- Given that the user has an account, the app should work equally well on devices belonging to both operating systems
- Given that the user has a account, user's data should be synchronized properly over both operating systems
- Given that the app layouts work properly, the app should account for different layouts like the notches in various phones, etc.

User Story #5

As a user, I would like to be able to reset my password, if forgotten.

#	Task Description	Estimated Time	Owner
1	Create UI to incorporate to Reset Password	3	Shiv
2	Check if the user signed in using Google, and reset only if it is not Google sign in.	3	Sehaj
3	Testing	4	Kartik

Acceptance criteria:

- Given that the user has an account that was not created through Google Sign-Up, if the user wants to reset their password, we would call a firebase function to reset the password to the new password.
- Given that the user has created an account through Google Sign-Up, we will give a popup with the steps to be taken to reset the password.
- Given that the user has successfully reset their password, they should be able to immediately log-in with their new password.

User Story #6

As a user, I would like to be able to save my phone number to the account so that a person can contact me if they have questions about the task I've posted.

#	Task Description	Estimated Time	Owner
1	Create a component to incorporate phone number.	2	Aman
2	Updating the database	3	Kartik
3	Testing	2	Sehaj

Acceptance criteria:

- Given that the user has an account, they should be able to associate a phone number with their account
- Given that the user is in a pending transaction, the other person should have access to the phone number so that they can contact each other outside of the app too
- Given that the user has an account, they should be able to edit their phone number

User Story #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.

#	Task Description	Estimated Time	Owner
1	Creating an Address component to house the data	3	Sehaj
2	Creating the UI for taking the Address input in the Account tab	2	Kartik
3	Getting existing addresses' list from Firebase and populating it into a list from which a specific address can be chosen.	4	Kartik
4	Setting a chosen address as the default address for any requests	2	Aman
5	Testing	5	Shiv

Acceptance criteria:

- Given that the user has an account, they should be able to add multiple valid addresses to associate with their account.
- Given that the user has multiple addresses saved, they should be able to select one as a default address.
- Given that the user has an account, they should be able to view all the addresses in Account Information Tab

User Story #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

#	Task Description	Estimated Time	Owner
1	Create UI to incorporate adding a profile picture	3	Aman
2	Create an algorithm for image picker	3	Kartik
3	Create an algorithm to convert the image into a bitmap	4	Kartik
4	Loading the profile picture from the database	3	Aman
5	Testing	5	Shiv

Acceptance criteria:

- Given that the user has an account, they should be able to add a profile photo to their account
- Given that a photo has been associated with the account, if the user signs in somewhere else, they should be able to see their photo their
- Given that a photo has been associated with the account, other users should be able to see their profile photo.

User Story #9

As a user, I want to be able to be able to edit my profile picture by choosing a picture from my device to replace my current profile picture.

#	Task Description	Estimated Time	Owner
1	Create UI to incorporate changing profile picture	3	Sehaj
2	Replace the older profile picture's bitmap from firebase with the new profile picture's bitmap	3	Sehaj
3	Testing	4	Aman

Acceptance criteria:

- Given that the user has an account and a profile photo associated with their account, they should be able to remove it and not replace it.
- Given that the user has an account and a profile photo associated with their account, they should be able change their profile photo and replace it with a new one.
- Given that the photo has been changed in the account, if the user signs in somewhere else, they should be able to see the new photo instead of the old one.

User Story #10

As a user, I want to be able to easily navigate to a page to generate a request for a task I want to be completed.

#	Task Description	Estimated Time	Owner
1	Detecting a swipe on the a screen to go to a different tab.	3	Sehaj
2	Detecting tap on different tabs in order to go to a different tab.	3	Sehaj
3	Testing	4	Shiv/ Aman

Acceptance criteria:

- Given that the user has signed in, the user should be able to easily swipe through the different tabs.
- Given that the user has signed in the user should also be able to tap on the different tabs in order to gain access to them.
- Given that the user has signed in, the tab layout should update to reflect on the current page being shown on the main screen

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