

# User Experience engineering

## Lab 6 Submission

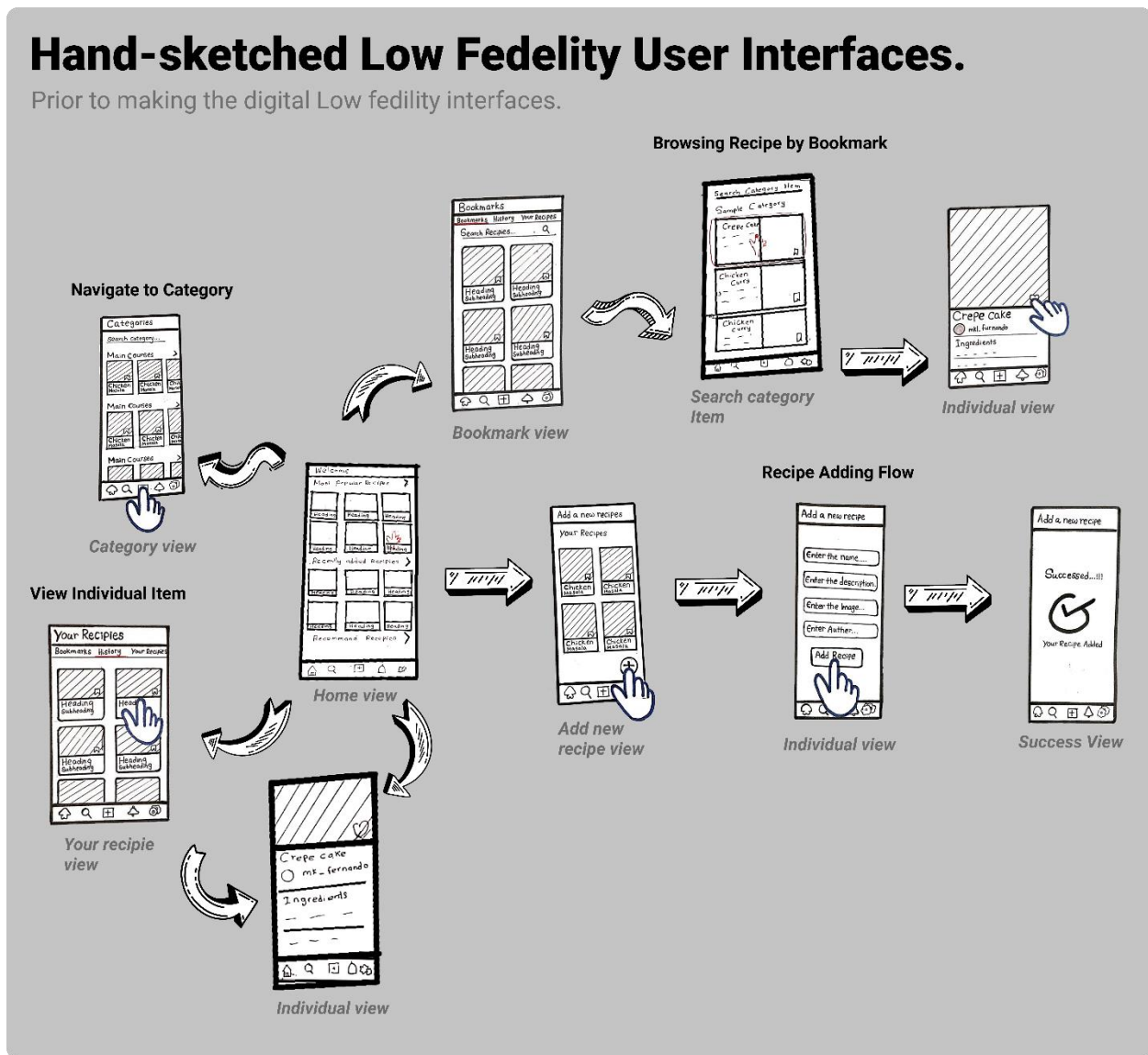
### Group Details

<b>Group Number</b>	<b>2021S2_REG_WE_31</b>	
<b>Registration No</b>	<b>Name</b>	
IT19121048	Ekanayaka E.M.S.G.	
IT19099514	Chandrasena T.K.T.A.	
IT19086408	Anawaratne M.A.N.A.	
IT19104690	Nandana G.M.D.	

## Sketching

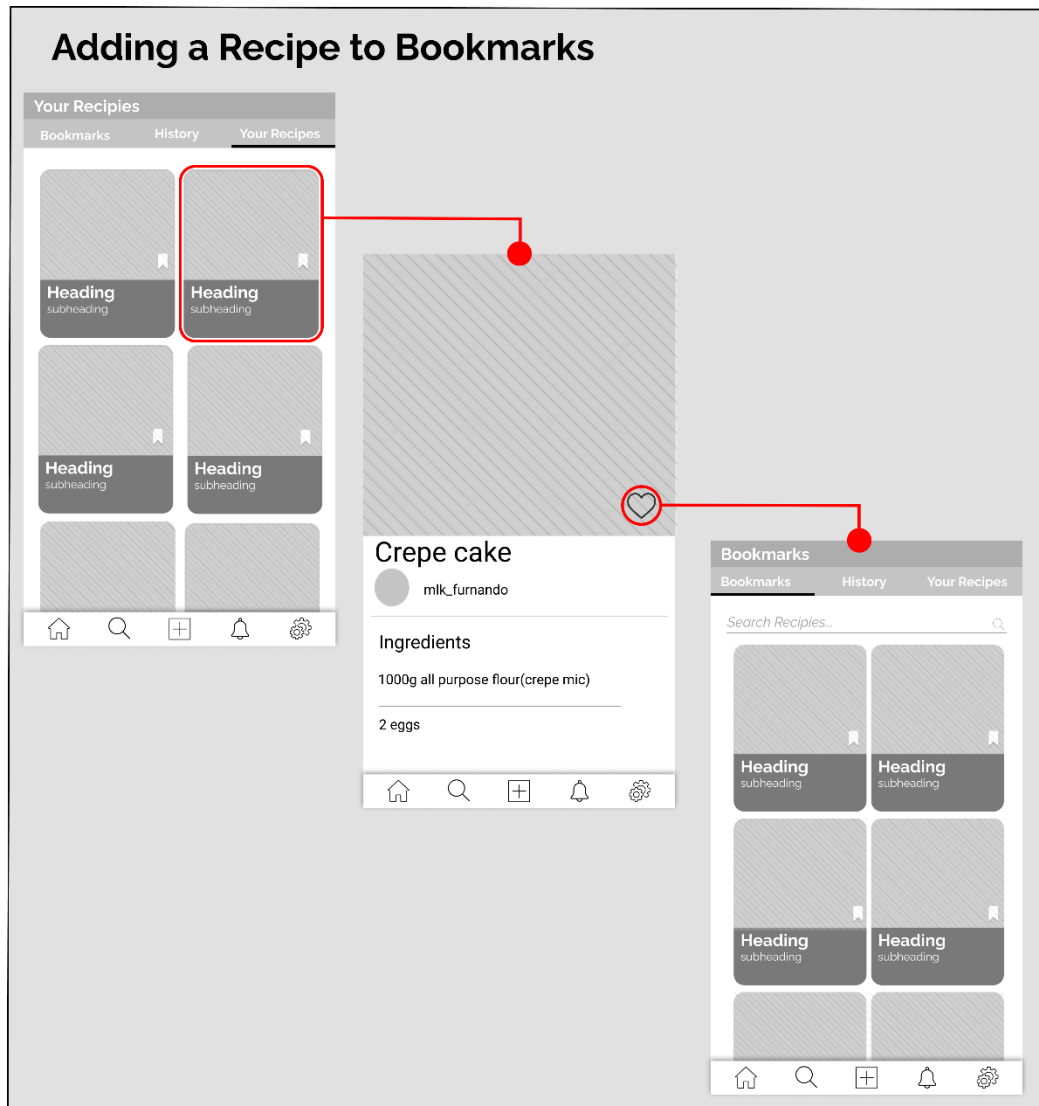
# Hand-sketched Low Fidelity User Interfaces.

Prior to making the digital Low fidelity interfaces.

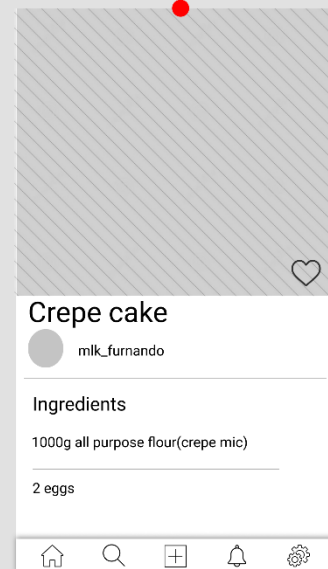
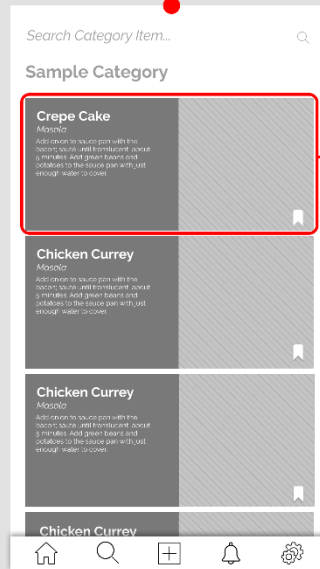
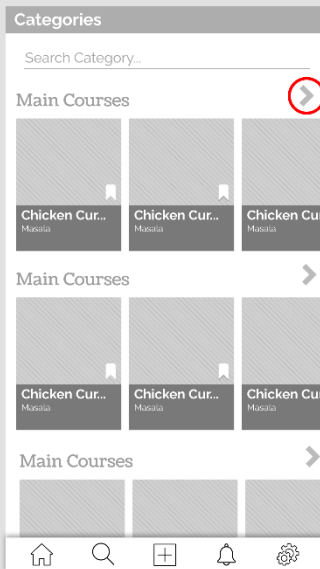


# Wireframes

## Screenshots



## Getting a Recipe through categories



# Single Recepie Overview

Welcome

Most Popular Recipes

Heading

subheading

Heading

subheading

Heading

subheading

Heading

subheading

Recently added Recipes

Heading

subheading

Heading

subheading

Heading

subheading

Heading

subheading

Recommend Recipes

Heading

subheading

Heading

subheading

Heading

subheading

Heading

subheading

Crepe cake

mlk\_furnando

Ingredients

1 . 1/2 cup warm water

2 . 1 cup milk

3 . 4 large eggs

4 . 4 Tbsp unsalted butter, melted, plus more to sauté

5 . 1 cup all-purpose flour

\*measured correctly

6 . 2 Tbsp granulated sugar

pinch of salt

Instructions

For the Crepe Cake Frosting:

1 cup (16 Tbsp) unsalted butter, softened at room temperature

12 oz sweetened condensed milk (from a 14 oz can – filled by weight)

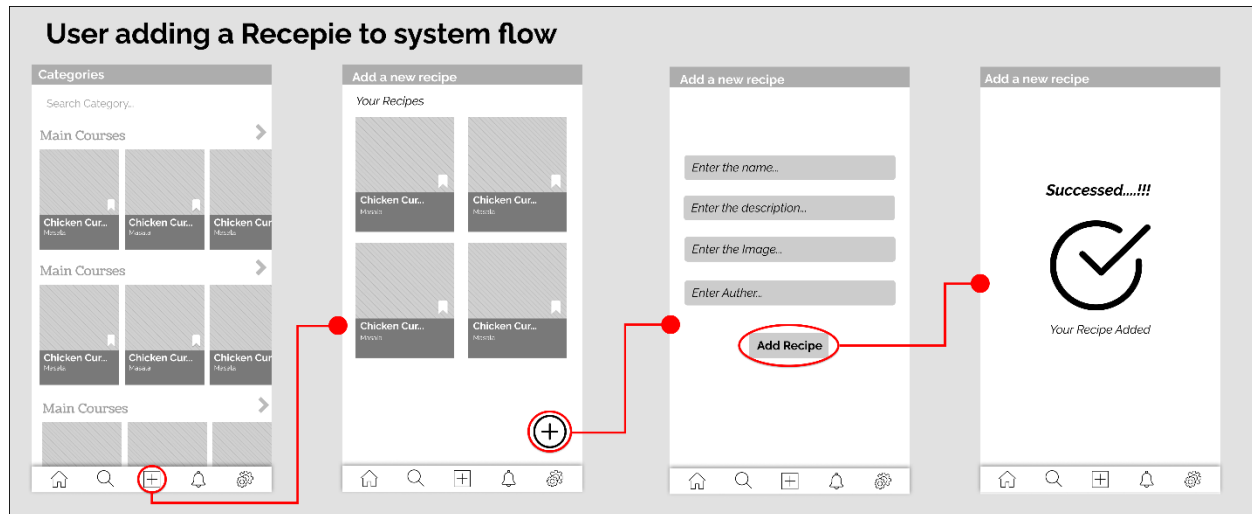
Home

Search

Plus

Notifications

Settings



Link: (Page 3)



<https://www.figma.com/file/RzjyXFQUjkw0kw3FJIGp7y/UEE-Mobile-Application-UI?node-id=17%3A3>

## Prototype 1 - Function images

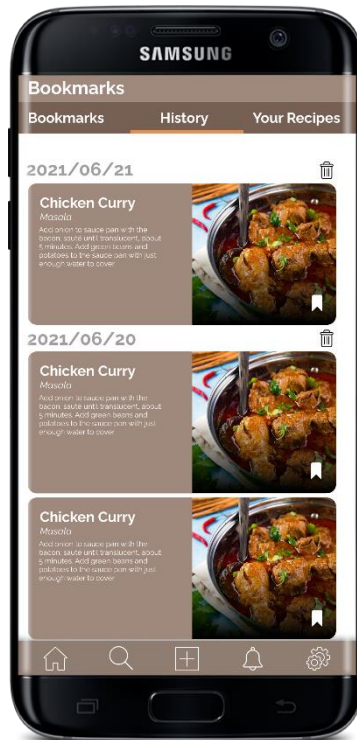
Prototype link public

[https://www.figma.com/proto/lvuF66uam8QdW5AM3aCEQG/Final-Prototype-Project-2021S2\\_REG\\_WE\\_31?node-id=61%3A807&scaling=scale-down&page-id=0%3A1&starting-point-node-id=43%3A405&show-proto-sidebar=1](https://www.figma.com/proto/lvuF66uam8QdW5AM3aCEQG/Final-Prototype-Project-2021S2_REG_WE_31?node-id=61%3A807&scaling=scale-down&page-id=0%3A1&starting-point-node-id=43%3A405&show-proto-sidebar=1)

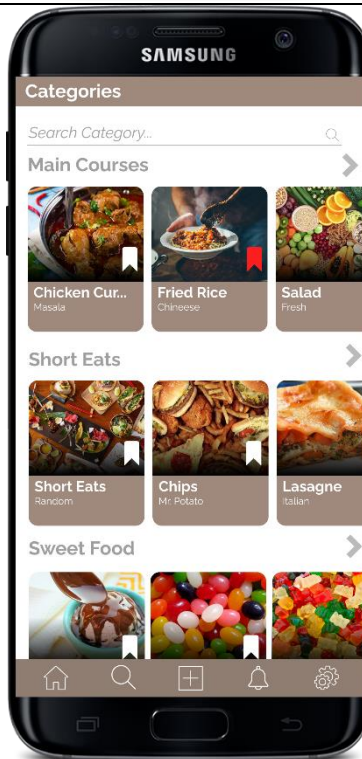
## Screenshots

Page Name	Screenshot
Home Interface	
Most Popular Recipes view Interface (This view will be Used in Recommended recipes and Recently added Recipes view also)	

## History Interface

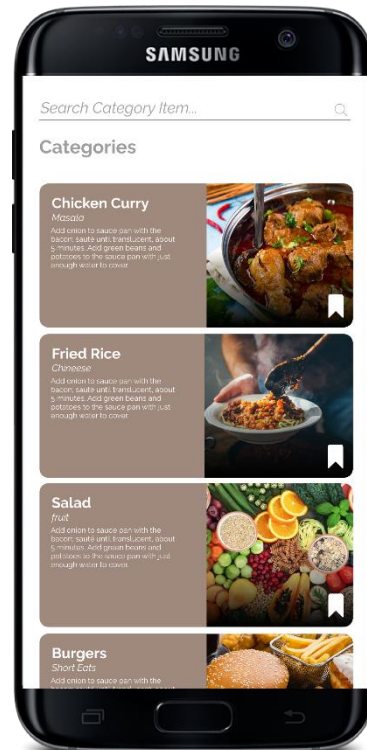


## Search and Categories Interface

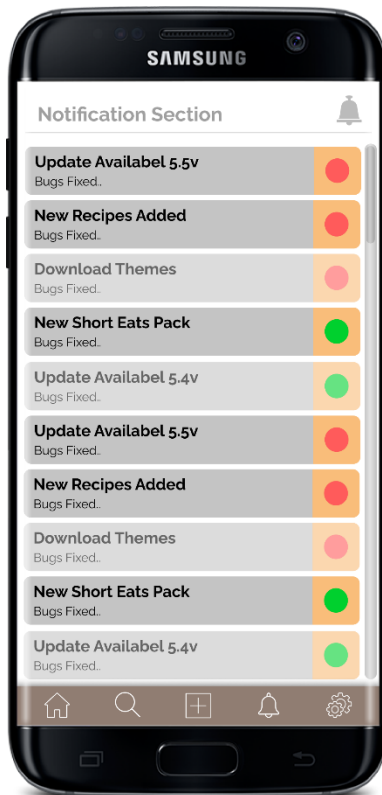




## Single Category Interface



## Notification Interface



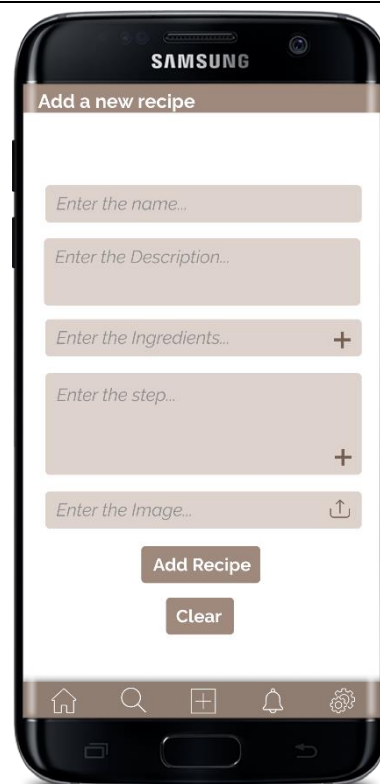
## Your recipe adding Interface

Left: No added recipe view

Right: Added Recipe view



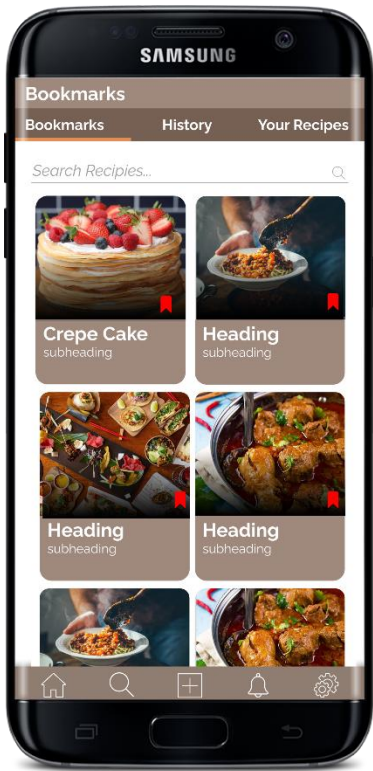
## Recipe Add Interface



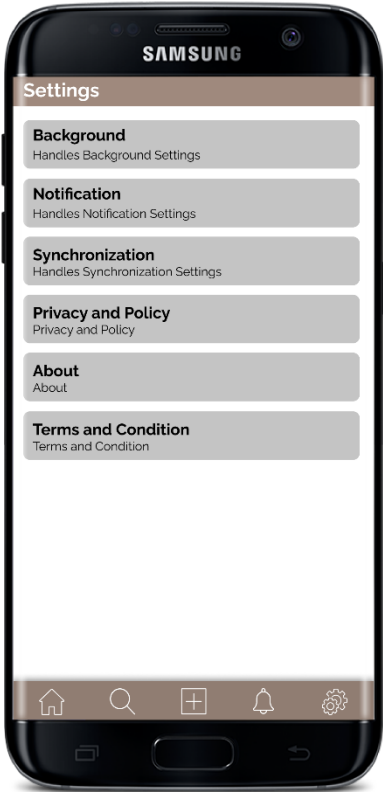
Recipe Single view Interface



Bookmark page



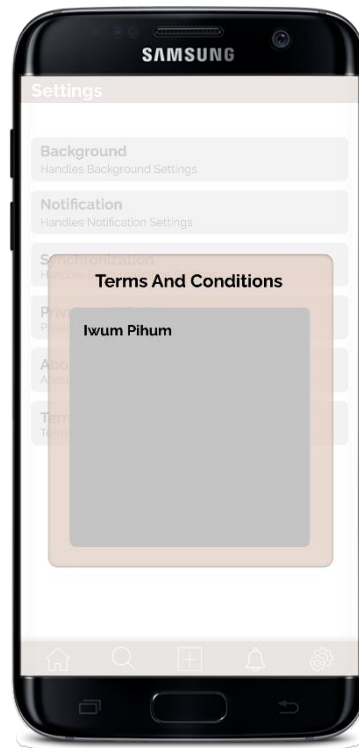
Settings Page Interface



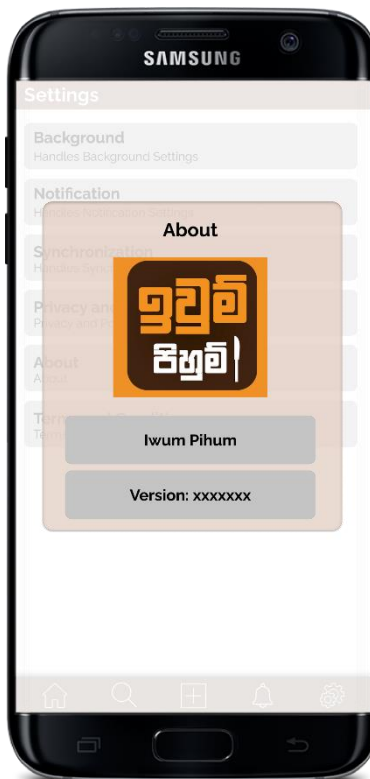
Settings Page  
Synchronization Settings  
Interface



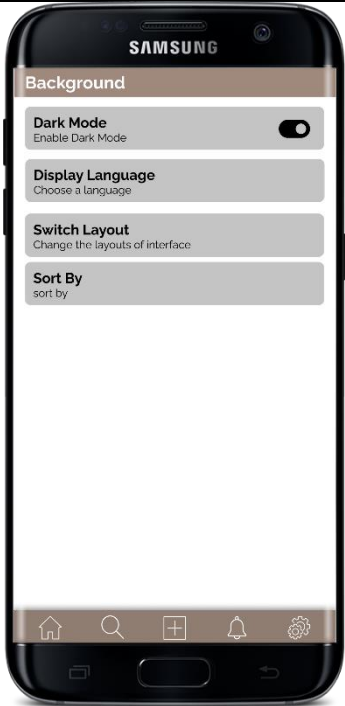
Settings Page Terms and  
Conditions Interface



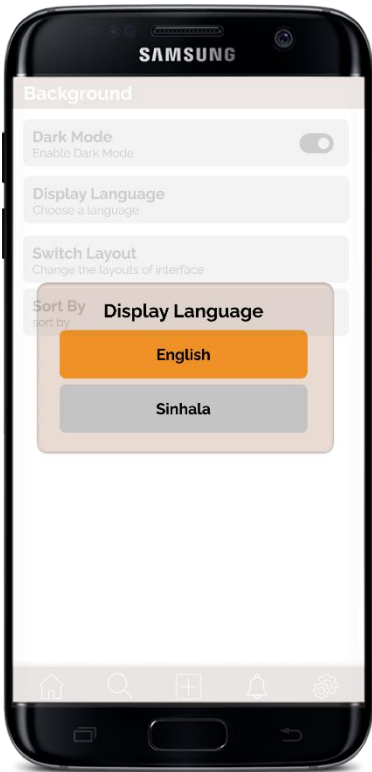
Settings Page About Interface



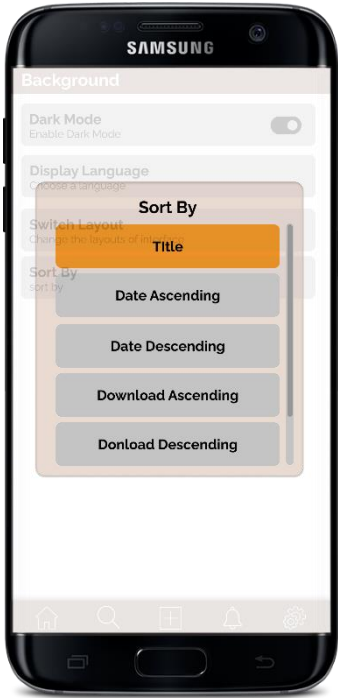
Settings Page Background  
Settings Interface



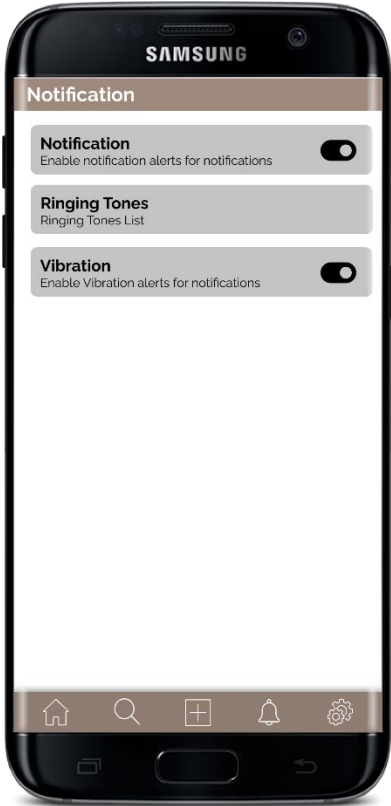
Background Settings  
Language select Interface



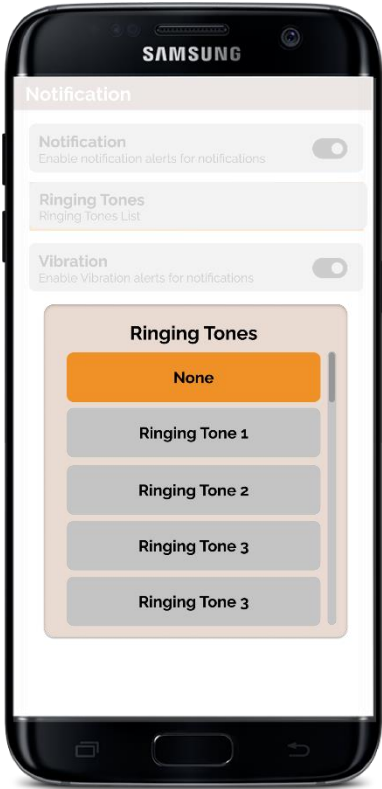
Background Settings Page  
Sort by Interface



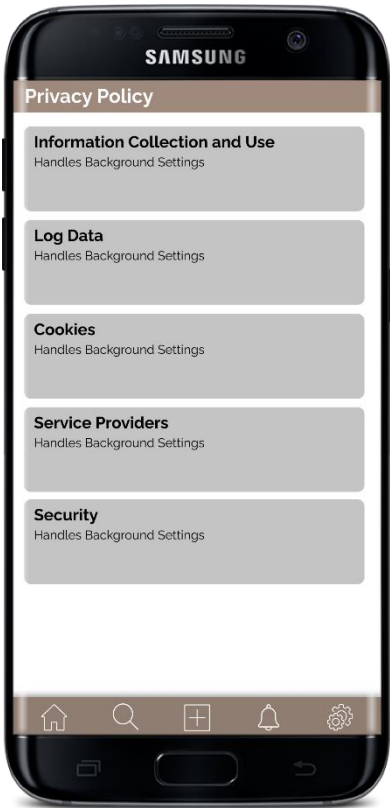
Settings Page Notification  
Settings Interface



Notification Settings Ringing  
Tone select Interface



Privacy Policy Settings





# **User Feedback for Prototype 1**

## **Script**

### **Interview Script Intro.**

Hi Heshan, Welcome back so previously we had a user feedback session about this Iuwm Pihum android mobile application and this time we have modified a new application UI based on this previous feedback session. So let me show what we have made so this is the new UI.

### **User Feedback Script for History and Home Page. Member Information IT19104690**

- Demonstrated the home page layout with the sidebar removed to reduce the complexity of the application.
- In the previous session we came up with the idea of replacing the side navigation bar with a bottom navigation bar. I think it is more user friendly than the original implementation.
- Bottom navigation consists of only minimal options for the user again to make them easier to interact with the UI (especially in smaller devices).
- These options will lead to other functions we are deciding to implement, and these will be implemented by other members in the group.
- And then it was the time for our user to provide his opinion about the recreated interfaces and the functionality.

(Suggestion section includes the user's feedback and thoughts about the home layout and the interfaces).

### **User Feedback Script for Category Page. Member Information IT19086408**

Following is the conversation script between me and Heshan regarding the prototype modification of the category page.

- So here what I have is a form of an enhanced and a modified version of the current category page. (Presented the prototype while explaining the newly added characteristics).
- So, the new version has the possibility of vertical and horizontal movements. To my point of view this helps to minimize the space that used to show all the recipes.
- Also, unlike the previous method this will allow users to get the items in a category without an effort.
- There is also a search functionality unlike before. So, with this I can now globally search items.
- Another thing that I wanted to highlight was the recreation of the notification layout. (However, mentioned that actual functionality is still not there as the implementation is yet to come).
- Notification along with vibration was not something previously there, UI was there but functionality was not properly working at the time we tested.
- Overall, the new implementation of the UI is having a much better understanding and organized look than before.
- Since in the previous session there was no proper way of showcasing the functionality or the UI. But with the prototype, now it is easier to understand the basic flow of the application.

After the demonstration Heshan came up with his ideas regarding the new UI recreation of the category view. I have included them below in the suggestions and feedback section under “Category Page User Feedback”

#### **User Feedback Script for Bookmark and Item Adding Member Information IT19099514**

Following is the conversation script between me and Heshan regarding the prototype modification of the Bookmark and Item adding. Demonstrate the new recipe adding an interface, describe the form and modified version.

- Describe the single item view and modified version according to the previous discussion
- Demonstrate the added new recipe display interface
- Describe the path how to add a bookmark for the recipe and explain the process of adding bookmarks.

After the demonstration Heshan came up with his ideas regarding the new UI recreation of the adding new recipe form and single item view. I have included them below in the suggestions and feedback section under “**Category Page User Feedback**”.

#### **User Feedback Script for Bookmark and Item Adding Member Information IT19121048**

##### **Settings Function**

- So Heshan let’s go to the settings function, here this is the Settings main interface. We have done some modifications when comparing the applications, we are upgrading. In the previous user research, you mentioned that this interface is too complex and needed to be modified. So according to the user comments and our perspective we have upgraded this interface like this.

##### **Background interface**

- So Heshan, let’s go to the next interface. This interface was added to our application to handle all the background settings. From this dark mode button, we can check the background of the application and from other buttons, we can get the interface to change the language, and from this, we can change the layout of the interfaces and from this button, we can get the interface that shows the sorting of interfaces.

##### **Notification interface**

- So Heshan, this is the notification page. We can navigate to this interface by clicking the notification button on the settings page. In the notification page from this toggle button, we can enable or disable notifications, similarly from this button, we can navigate to the interface to select a ringtone to the notification, from this vibration toggle button, we can enable the vibration if we need a notification popup in the application.

##### **Synchronization interface**

- From this synchronization button, we get an interface for all synchronization settings. From this toggle, we can enable the sync feature to the application. And if this toggle is enabled, the syncing mode will be unable at the startup.

#### Privacy and policy button

- From the privacy and policy button, we can navigate to the privacy and policy page. Here we have given a new arrangement to this interface when comparing it to the interface in the current application.

#### Terms and conditions and About interface

- Same as the Privacy and policy interface we can navigate to the about interface and terms and conditions interface as the same path through the settings interface as you can see.
- Those interfaces don't have not many contents, but those pages have been modified as from the current application. Here I have updated those interfaces to make those interfaces more user friendly

So Heshan, finally from the settings function can you give some feedback to improve our application

### **Feedback for Script**

#### **Home and History**

- Need to add layout switch button near to sync button in the home page.
- History pages should have a search bar or filter function so users can easily find their history.
- History page needs to delete all buttons so the user can clear all history if needed.

#### **Settings Function**

- Use dark mode for popups
- Remove scrollbars from pop ups
- Merge About and Terms and conditions interfaces

#### **Bookmark and Item Adding**

- Add a bookmark to the single recipe view so that it is easy for users to add bookmarks and remove bookmarks
- A frame on adds recipe view so that it makes the interface more user friendly

#### **Category Page User Feedback**

- Sorting function should be added to the category searching page.
- In the single item view page, a bookmark button should be added.

Video Link:

**Link 1:** [https://mysliit-my.sharepoint.com/:f:/g/personal/it19121048\\_my\\_sliit\\_lk/Enl2y3wkredFtumbBHNahHMBd-1PyPGoYclFccFai9IxA?e=QcwrGu](https://mysliit-my.sharepoint.com/:f:/g/personal/it19121048_my_sliit_lk/Enl2y3wkredFtumbBHNahHMBd-1PyPGoYclFccFai9IxA?e=QcwrGu)

**Link2:**

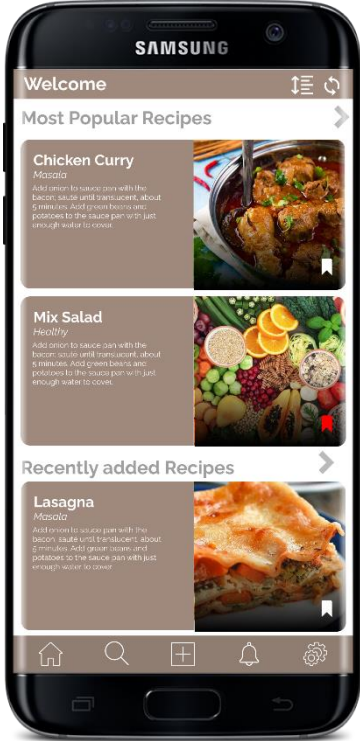
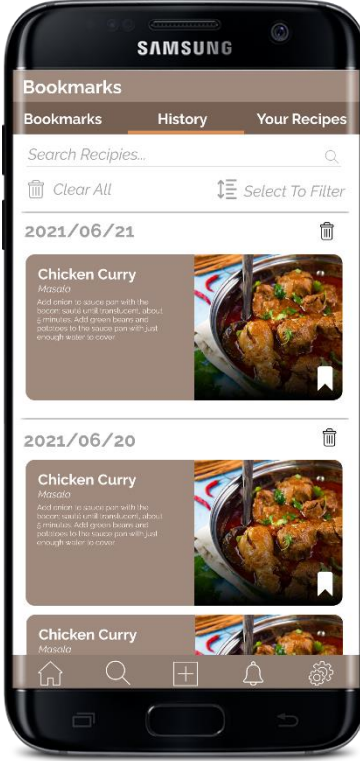
<https://drive.google.com/file/d/1sK8Wd24DEuXL593Iym2EPYhFXQh33H6y/view?usp=sharing>

Prototype 2 link public:

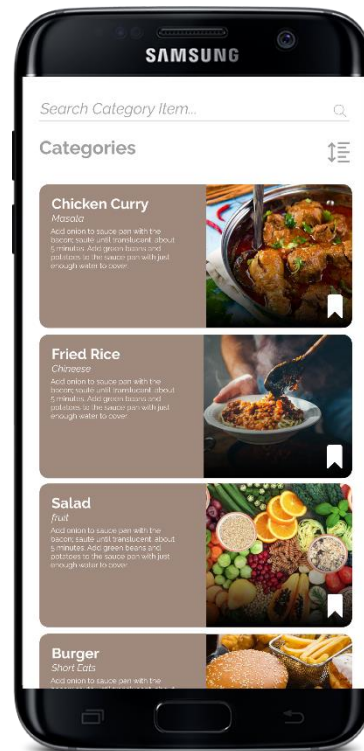
[https://www.figma.com/proto/lvuF66uam8QdW5AM3aCEQG/Final-Prototype-Project-2021S2\\_REG\\_WE\\_31?node-id=116%3A1224&scaling=scale-down&page-id=73%3A3&starting-point-node-id=116%3A977&show-proto-sidebar=1](https://www.figma.com/proto/lvuF66uam8QdW5AM3aCEQG/Final-Prototype-Project-2021S2_REG_WE_31?node-id=116%3A1224&scaling=scale-down&page-id=73%3A3&starting-point-node-id=116%3A977&show-proto-sidebar=1)

## Screenshots For Prototype 2 - (Only the changes from prototype 1)

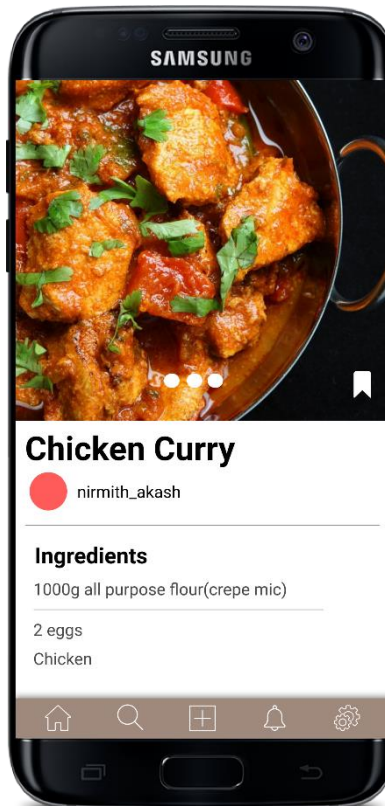
\* Except bellow All the other interfaces are same as prototype one

Page Name	Screenshot
Improved Home page width Layout switching Button	
History page width Search and Delete all Button and Filter method	

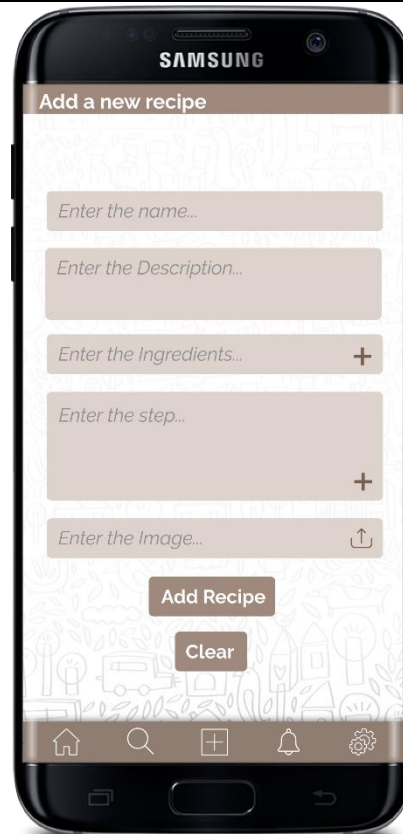
Category page with sorting button



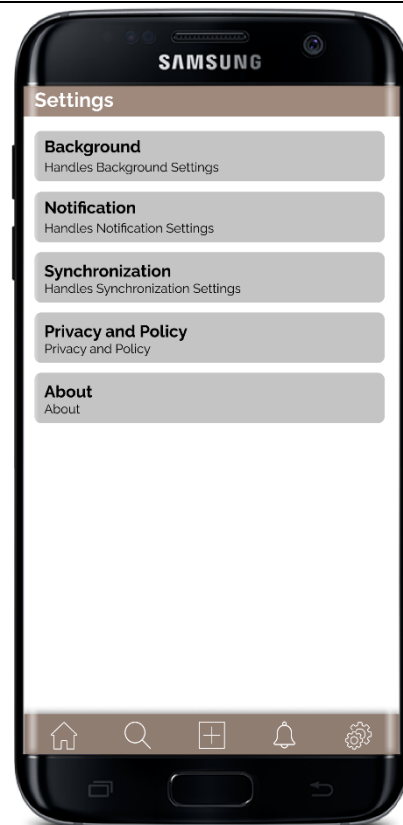
Single view with Bookmark Adding Button



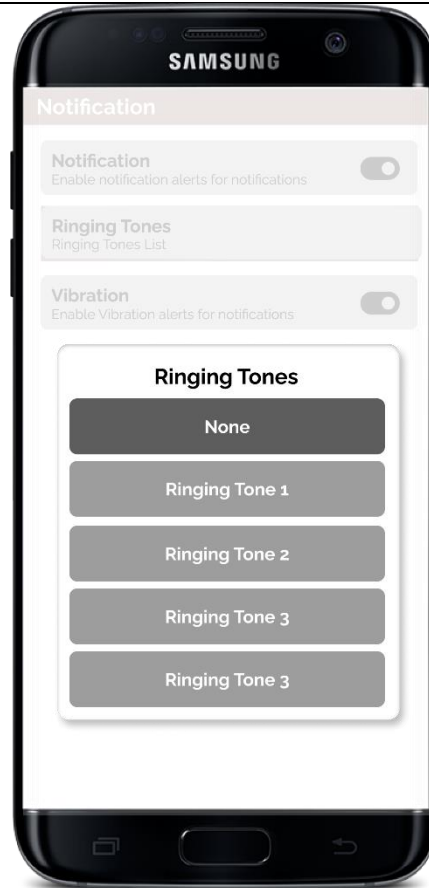
Adding interface with  
Background



Removed Terms and  
conditions in settings page



Settings Interface Popup changes according to the user Feedback



## **Member Contribution**

Registration No	Name	Contribution
IT19121048	Ekanayaka E.M.S.G.	Settings page
IT19099514	Chandrasena T.K.T.A.	Add Recipe flow and Bookmarking Function
IT19086408	Anawaratne M.A.N.A.	Categories and Notification
IT19104690	Nandana G.M.D.	Home page and History Interface