



## Cégep de la Gaspésie et des Îles, Montréal

A Project Report  
On  
Cook Book Application



Under Program of  
**Project 420-ENW-MT**  
**Mobile Application Development - 321**

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# CHAPTER-1 INTRODUCTION

## 1.1 PROJECT INTRODUCTION

This Android mobile application is to search and cook new recipes of different chefs. Once the users log into the application using email & password and also using their google account, they can see the different categories of recipes of various chefs who use the application, add their own recipe and also make modifications to their own recipes. Users can also search the recipes they want by using different keywords such as by recipe name, category, chef name etc. They will also find a few features such as add recipes as favourites, give ratings to the recipe and be able to see the last visited recipes. Users can also see their profile details and also make updates into it.

## 1.2 PURPOSE

Nowadays people easily grasp most things in the digital space, so the purpose of this application is to share various recipes to a common platform which are made by local chefs to famous chefs. Users can also add them into their favourite list so they can directly have it whenever they open the app.

## 1.3 SCOPE

Any user would like to have an application that provides different recipes in both French and English languages. To enable this, users need to register themselves by signing up using their personal details or google account. Once they logged in, they can enjoy the list of recipes in detail such as what ingredients are required and several steps to cook that recipe. Apart from this, users can give the ratings to any recipe they want. Users cannot only see other's recipes but they can also add their own recipe and do modifications to their own recipes.

## 1.4 TECHNOLOGY USED

### **Java**

Java, an object-oriented programming language, is an official Android development language. It has open-source libraries that are readily available for users to choose from. It is used in our project to code as animation, transition and actual behaviour for different screens.

### **XML**

In Android, we use XML for designing our layouts because XML is a lightweight language so it doesn't make our layout heavy.

## 1.5 SOFTWARE USED

### **Android Studio**

Android Studio is the official integrated development environment (IDE) for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development. Our project is based on Android Application therefore, the whole coding of Frontend and Backend is done in Android Studio.

### **Firebase**

Firebase is a Backend-as-a-Service (BaaS). It is built on Google's infrastructure. Firebase is categorized as a NoSQL database program, which stores data in JSON-like documents. Therefore, it is used as a database in our application.

### **Adobe XD**

Adobe XD is a powerful tool you can use for your entire designing process. Adobe XD has many plugins and you can use the plugin to help you to convert Adobe XD to Android Studio. Therefore, we used it to design all the layouts of our application.

# CHAPTER - 2 GENERAL DESCRIPTION

## 2.1 USER STORIES

<b>User Story ID</b>	CB-01
<b>Name</b>	As I am a user, I want to see a pop-up screen with a Logo of the application.
<b>User Story Points</b>	1
<b>Description</b>	When the user opens the application, there should be a splash screen with a logo of an application.

<b>User Story ID</b>	CB-02
<b>Name</b>	As I am a user, I want to register to the application as a new user.
<b>User Story Points</b>	8
<b>Description</b>	When the user opens the application, and if the user is not registered, they can sign up by signup page.

<b>User Story ID</b>	CB-03
<b>Name</b>	As I am a user, I want to login to the application with my personal credentials.
<b>User Story Points</b>	8
<b>Description</b>	When the user opens the application, they should be able to login to the application with the username and password.

<b>User Story ID</b>	CB-04
<b>Name</b>	As I am a user, I want to auto login into my application.
<b>User Story Points</b>	1
<b>Description</b>	When the user login into account once and closes the application, there should be a feature like when the user again opens the application, the user does not need to login again.

<b>User Story ID</b>	CB-05
<b>Name</b>	As I am a user, I want to reset my password.
<b>User Story Points</b>	3
<b>Description</b>	When the user forgets the password for logging into the application, he must be able to reset the password by using the forgot password option.

<b>User Story ID</b>	CB-06
<b>Name</b>	As I am a user, I want an option to make my password visible if I click on it.
<b>User Story Points</b>	3
<b>Description</b>	When the user tries to enter a password while login or signup, the password will be in the form of an encrypted pattern. Therefore, a visible password option should be there so that users can see what they entered.

<b>User Story ID</b>	CB-07
<b>Name</b>	As I am a user, I want to logout from the application.
<b>User Story Points</b>	1
<b>Description</b>	When a user clicks on the logout button in the application user should logout from the application at any time.

<b>User Story ID</b>	CB-08
<b>Name</b>	As I am a user, I want to see all the recipes.
<b>User Story Points</b>	15
<b>Description</b>	When users open the application, they should be able to see the list of recipes on the home page.

<b>User Story ID</b>	CB-9
<b>Name</b>	As a user, I want to search for recipes.
<b>User Story Points</b>	10
<b>Description</b>	When the user wants to make a particular recipe they can directly search for that recipe by writing its name in the search option.

<b>User Story ID</b>	CB-10
<b>Name</b>	As I am a user, I want to create my own recipes.
<b>User Story Points</b>	15
<b>Description</b>	When the user wants to create its own recipe they can easily create it by using the create recipe option in application.

<b>User Story ID</b>	CB-11
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<b>Name</b>	As a user, I want to save recipes as favourites.
<b>User Story Points</b>	8
<b>Description</b>	When a user likes some recipes and wants to see it again when they want, they can save those recipes as favourites by using this feature and go through it when they want.

<b>User Story ID</b>	CB-12
<b>Name</b>	As a user, I want to see my history of visited recipes.
<b>User Story Points</b>	8
<b>Description</b>	When users forget the recipe name and want to make it they can go through their history by this feature.

<b>User Story ID</b>	CB-13
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<b>Name</b>	As a user, I want to jump from any page using the drawer menu.
<b>User Story Points</b>	8
<b>Description</b>	When the user wants to go to any page they can go to the drawer menu and can jump into any page of the application.

<b>User Story ID</b>	CB-14
<b>Name</b>	As a user, I want to see my profile details.
<b>User Story Points</b>	5
<b>Description</b>	The application should develop in such a way that it should allow users to see profile details at any point.

<b>User Story ID</b>	CB-15
<b>Name</b>	As a user, I want to see specific recipes in detail.
<b>User Story Points</b>	10
<b>Description</b>	When a user clicks on a particular recipe, it should allow users to see that recipe in details like ingredients ,time to cook etc.

<b>User Story ID</b>	CB-16
<b>Name</b>	As a user, I want to update my profile details.
<b>User Story Points</b>	5
<b>Description</b>	When users want to update their profile details then the app should allow users to update user details like name.

<b>User Story ID</b>	CB-17
<b>Name</b>	As a user, I want to see progress bar while loading information.

<b>User Story Points</b>	1
<b>Description</b>	When the data is loading into the screen, it should display a progress bar while loading that information.

<b>User Story ID</b>	CB-18
<b>Name</b>	As a user, I want to upload my picture as a profile picture.
<b>User Story Points</b>	3
<b>Description</b>	When users create their account, they will be able to upload their profile picture by selecting it from mobile's local file/folder.

<b>User Story ID</b>	CB-19
<b>Name</b>	As a user, I want an application in English and French languages.

<b>User Story Points</b>	5
<b>Description</b>	When users want to change the language of the mobile phone from English to French, it will help users to see our app layout into French language too.

<b>User Story ID</b>	CB-20
<b>Name</b>	As a user, I want to give ratings to specific recipes.
<b>User Story Points</b>	10
<b>Description</b>	The application should develop in such a way that users can give ratings to specific recipes so it can be useful for other users to choose as per ratings.

<b>User Story ID</b>	CB-21
<b>Name</b>	As a user, I want to remove my own recipe.

<b>User Story Points</b>	5
<b>Description</b>	When users want to remove their own recipe at any stage they can remove it.

<b>User Story ID</b>	CB-22
<b>Name</b>	As a user, I want to modify my own added recipe.
<b>User Story Points</b>	8
<b>Description</b>	When users want to change their own recipe, if they feel like they forgot to add some ingredients or directions, they can modify it anytime.

<b>User Story ID</b>	CB-23
<b>Name</b>	As an Admin, I don't want a fake user with a fake email id.

<b>User Story Points</b>	3
<b>Description</b>	When users create a new account with valid Email ID then it will not allow users to make another account with the same Email ID and with invalid Email ID.

<b>User Story ID</b>	CB-24
<b>Name</b>	As an Admin,I need access to remove any recipe with false details.
<b>User Story Points</b>	5
<b>Description</b>	When Admin gets to know about fake recipe details, he/she will be able to remove those recipes.

<b>User Story ID</b>	CB-25
<b>Name</b>	As a user, I want to choose the category of recipe.

<b>User Story Points</b>	10
<b>Description</b>	When users want to make particular recipes like dessert or dinner stuff or breakfast things they can choose a category.

<b>User Story ID</b>	CB-26
<b>Name</b>	As a user, I want to have an expandable view to see recipes.
<b>User Story Points</b>	8
<b>Description</b>	When users want to view the recipe and click on the particular recipe it should have an expandable view as basic details of recipe, ingredients of recipe, Directions of recipe.

<b>User Story ID</b>	CB-27
<b>Name</b>	As a user, I want to clear the list of favourite recipes and recently visited recipes.
<b>User Story Points</b>	3

<b>Description</b>	When users want to clear the list of Favourite recipes and Recently visited recipes, they can simply do it with the help of the option menu on the right top corner.
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<b>User Story ID</b>	CB-28
<b>Name</b>	As a user, i want to refresh the screen by drag down
<b>User Story Points</b>	5
<b>Description</b>	When users want to refresh the screen in the application by dragging down the application screen.

<b>User Story ID</b>	CB-29
<b>Name</b>	As a user, i want to select the country from drop down while Edit/Create the recipe
<b>User Story Points</b>	1
<b>Description</b>	When users want to refresh the screen in the application by dragging down the application screen.



## 2.2 USER STORY BACKLOGS

<b>Id</b>	<b>Name</b>	<b>User Story Points</b>	<b>Priority</b>
<b>CB01</b>	As a user, I want to see a pop-up screen with a Logo of the application.	1	High
<b>CB02</b>	As a user, I want to register for the application.	8	High
<b>CB03</b>	As a user, I want to login to the application with my personal credentials.	8	High
<b>CB04</b>	As a user, I want to auto login into my application.	1	Low
<b>CB05</b>	As a user, I want to reset my password.	3	Low
<b>CB06</b>	As a user, I want an option to make my password visible.	3	Low
<b>CB07</b>	As a user, I want to logout from the application.	1	Low
<b>CB08</b>	As a user, I want to see all the recipes.	15	High
<b>CB09</b>	As a user, I want to search for recipes.	10	Medium

<b>CB10</b>	As a user, I want to create my own recipe.	15	High
<b>CB11</b>	As a user, I want to save recipes as favourites.	8	Medium
<b>CB12</b>	As a user, I want to see my history of visited recipes.	8	Medium
<b>CB13</b>	As a user, I could jump from any page using the drawer menu.	8	High
<b>CB14</b>	As a user, I want to see my profile details.	5	Low
<b>CB15</b>	As a user, I want to see specific recipes in detail.	10	Medium
<b>CB16</b>	As a user, I want to update my profile details.	5	Low
<b>CB17</b>	As a user, I want to see progress bars while loading information.	1	Low
<b>CB18</b>	As a user, I want to upload my picture as a profile picture.	3	Low
<b>CB19</b>	As a user, I want an application in English and French languages.	5	High
<b>CB20</b>	As a user, I want to give ratings to specific recipes.	10	Medium
<b>CB21</b>	As a user, I want to remove my own recipe.	5	Medium

<b>CB22</b>	As a user, I want to modify my own added recipe.	8	Medium
<b>CB23</b>	As an Admin, I do not want a fake user with a fake email id.	3	Low
<b>CB24</b>	As an Admin, I need access to remove any recipe with false details.	5	Medium
<b>CB25</b>	As a user, I want to choose the category of recipe.	10	Medium
<b>CB26</b>	As a user, I want to have an expandable view to see recipe details.	8	Medium
<b>CB27</b>	As a user, I want to clear the list of favourite recipes and recently visited recipes.	3	Low
<b>CB28</b>	As a user, i want to refresh the the screen by drag down	5	Low
<b>CB29</b>	As a user,i want to select the country from drop down list	1	Low
	<b>Total USP</b>	<b>176</b>	

## 2.3 ITERATION PLANNING

	<b>Deliverables</b>	<b>Start Date</b>	<b>End Date</b>
Deliverable-1	<ul style="list-style-type: none"><li>● Project Summary and Introduction</li><li>● Purpose and Scope of project</li><li>● Technology and Software used</li><li>● Functional and Non-functional Requirements</li><li>● User Stories</li><li>● User Story Backlogs</li><li>● Mockups or Prototypes</li><li>● Screen Flow</li><li>● Use Case Diagram</li><li>● Class Diagram</li><li>● Database Diagram</li><li>● Application Implementation</li></ul>	07-06-2021	22-06-2021
Deliverable-2	<ul style="list-style-type: none"><li>● Adequate UI</li><li>● Efficient - Finalized Database schema</li><li>● Viable start to deploy code</li><li>● Sufficient delivery of some functionalities</li><li>● Adequate debugging</li><li>● Sequence diagrams</li><li>● Activity Diagram</li><li>● Use cases</li></ul>	23-06-2021	12-07-2021
Deliverable-3	<ul style="list-style-type: none"><li>● Clear application of modifications suggested</li><li>● User Interface</li><li>● Logical organisation of screen flow diagrams</li><li>● Finalized Backend.</li><li>● Most or all functional requirements finished.</li></ul>	13-07-2021	10-07-2021
Deliverable-4	<ul style="list-style-type: none"><li>● Fully working application with no bugs</li></ul>	11-07-2021	24-07-2021

# CHAPTER - 3 SPECIFIC REQUIREMENTS

## 3.1 FUNCTIONAL REQUIREMENTS

Requirement ID	Name	Description
FR-1	Splash	Cook Book application must allow the user to see the splash screen when the user opens the application.
FR-2	Sign up	When the user clicks on the “sign up” button, the firebase database will send verification email to the user, upon successful verification the user profile must be created.
FR-3	Login	When the user clicks on the “login” button, the user must be authenticated with their credentials.
FR-4	Password Reset	Users must reset the password when they forget their password with the help of firebase.
FR-5	Visible	There should be an option for the user to see the password.
FR-6	Language Preferences	Application language will be changed based on the user's convenience.
FR-7	Add recipes	Cook Book application must allow the users to create or add recipes to the application.
FR-8	Search recipes	Cook Book application must allow the users to

		search for the recipes with specific keywords in the application.
FR-9	Save Favourites	Users should view and save their favourite recipes.
FR-10	History	Application should allow the users to see the previously visited recipes.
FR-11	Recipe Rating	Application must allow users to view and give ratings to the recipes visited.
FR-12	Manage Profile	CookBook applications must allow Users to update their personal information in the application.
FR-13	Manage Recipes	Application should allow the users to manage given ratings and their own recipes if created.
FR-14	Logout	Users should be able to logout from the application.
FR-15	Login	<b>Admin:</b> Admin must be able to login to the Cook Book application with valid credentials.
FR-16	Manage Recipes	<b>Admin:</b> Admin should be able to make changes(remove/modify) in the recipes created by the users.
FR-17	Manage Users	<b>Admin:</b> Admin must be able to manage(restrict permissions of/ delete ) users.
FR-18	Logout	<b>Admin:</b> Admin should be able to logout from the application.

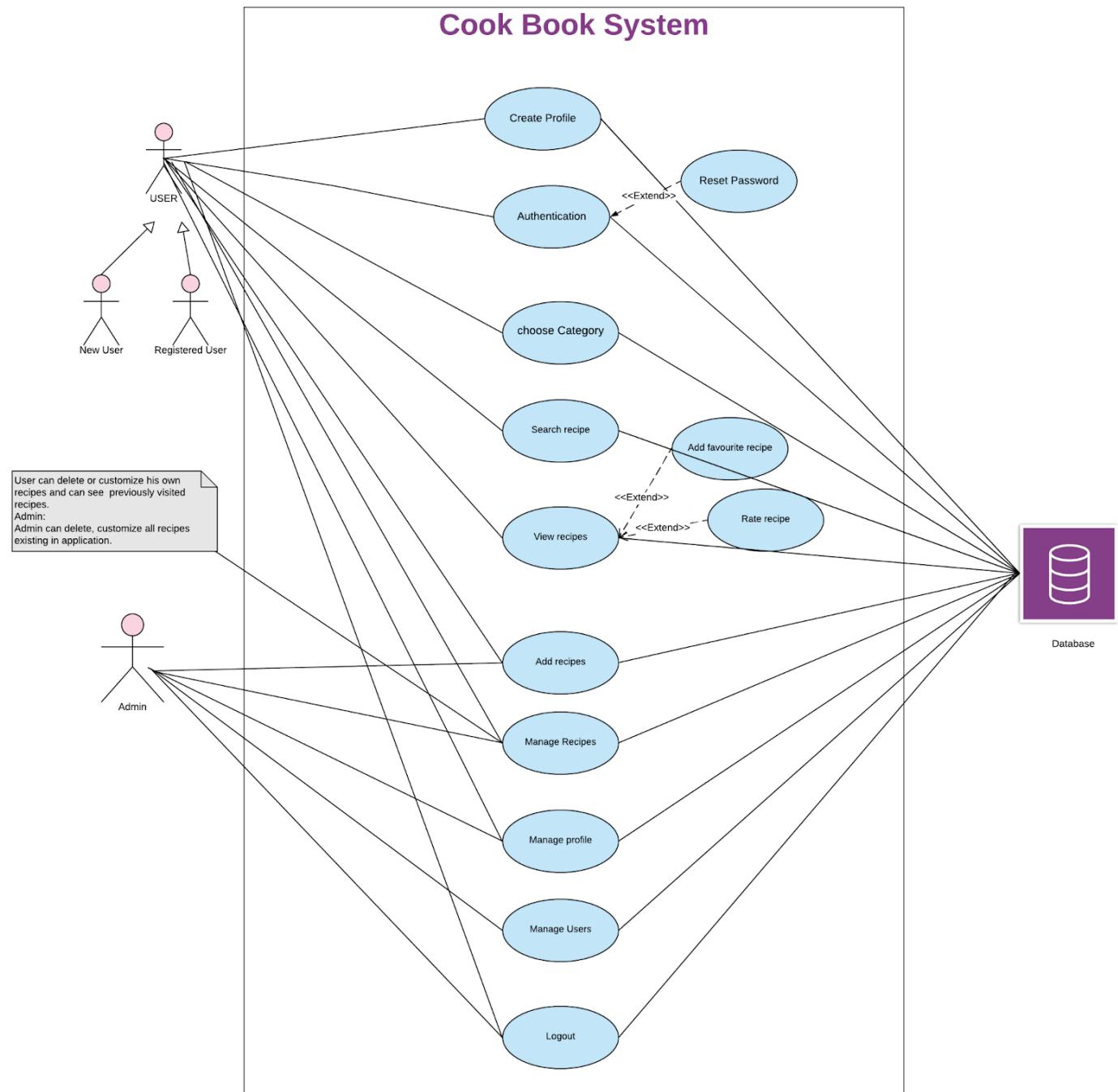


## 3.2 NON- FUNCTIONAL REQUIREMENTS

<b>Requirement ID</b>	<b>Name</b>	<b>Description</b>
NFR-1	Performance	Each of the user's requests will be processed in less than 10 seconds.
NFR-2	Portability	The application must be compatible and should run on android devices.
NFR-3	Confidentiality	The user data should be kept secured all times.
NFR-4	adaptability	Applications can easily adapt to different screen sizes by enabling scrolling options to layouts.
NFR-5	Usability	The application should be easy to handle and should navigate in the most efficient and expected way.
NFR-6	Scalability	The system must be available to a large number of users around 100k at a single point of time.
NFR-7	Readability	The system should present only the user requested activities.
NFR-8	Security	The verification email must be sent when the user registers with the application for secure login.
NFR-9	Capacity	Databases of an application can handle large volumes of data at high speed because Firebase is a "NoSQL" database.

# CHAPTER - 4 ANALYSIS MODELS

## 4.1 USE CASE DIAGRAM



#### 4.1.1 FULLY DRESSED USE CASES

USE CASE SECTION	COMMENTS
<b>Use Case UC: 1</b>	Create Profile
<b>Primary Actor</b>	User (New User)
<b>Secondary Actor</b>	Firestore Database
<b>Stakeholders and Interests</b>	New users want to get registered without error by verifying registered email.
<b>Pre-conditions</b>	Internet connection is required for users to get authenticated for the application.
<b>Success Guarantee</b>	New user's data is saved into the database.
<b>Main success scenario</b>	New user has to provide a full name, Email and password for creating a profile.
<b>Extension</b>	If a user enters invalid data, the application will show an error.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 2</b>	Authentication
<b>Primary Actor</b>	User ( Existing User)
<b>Secondary Actor</b>	Firestore Database
<b>Stakeholders and Interests</b>	Existing users want to get logged in without error or the user can reset their password if he/she forgets the password.
<b>Pre-conditions</b>	Internet connection is required for users to get authenticated to the application.
<b>Success Guarantee</b>	Once The Existing user's email and password , then the user can login to the application, if the user forgets their password he/she will get,email to reset the password.
<b>Main success scenario</b>	Existing users have to provide email and password to login.
<b>Extension</b>	If a user enters invalid data, the application will show an error.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 3</b>	Reset password
<b>Primary Actor</b>	User ( Existing User)
<b>Secondary Actor</b>	Firestore Database
<b>Stakeholders and Interests</b>	Existing users want to get logged in when he/she forgot their password. In that case users can reset their password without getting any error.
<b>Pre-conditions</b>	Internet connection is required for users to reset their password for login.
<b>Success Guarantee</b>	The Existing user's email gets verified. Users get a link to set a new password and can set a new password and login to the application again.
<b>Main success scenario</b>	Existing user has to provide email to reset the password.
<b>Extension</b>	If a user enters invalid email, the application will show an error.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 4</b>	Category
<b>Primary Actor</b>	User ( Existing User)
<b>Secondary Actor</b>	FireStore Database
<b>Stakeholders and Interests</b>	Users want an option of having different categories of recipes like Breakfast,lunch,dinner,snakes etc.
<b>Pre-conditions</b>	Users need to login in the application.
<b>Success Guarantee</b>	Users will select one category and will see all recipe lists according to that category.
<b>Main success scenario</b>	After selecting one category, the user will see the lists of all available recipes from that category.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 5</b>	Search Recipe
<b>Primary Actor</b>	User ( Existing User)
<b>Stakeholders and Interests</b>	Users want to search for the recipes according to their interest like if they want to make recipes with particular ingredients/recipe name/chef they can easily search for that.
<b>Pre-conditions</b>	Users need to login in the application.
<b>Success Guarantee</b>	Users will search for recipes and get all results according to that and can go through those recipes.
<b>Main success scenario</b>	After searching for recipes they can select one recipe like dinner,breakfast,dessert and see all recipes regarding that or directly search recipes name and get results.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 6</b>	View Recipe
<b>Primary Actor</b>	User ( Existing User)
<b>Stakeholders and Interests</b>	Users want to see all details of recipes such as time to prepare recipes, chief of the recipe, ingredients, directions.
<b>Pre-conditions</b>	Users need to select at least one recipe to see details.
<b>Success Guarantee</b>	Users will select the recipe and redirect to the page of its details.
<b>Main success scenario</b>	After selecting one recipe, the user will see all the details and make that recipe as per her/his convenience.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 7</b>	Add recipe
<b>Primary Actor</b>	User ( Existing User)
<b>Secondary Actor</b>	FireStore Database
<b>Stakeholders and Interests</b>	Users want to create their own recipe or add recipes in application.
<b>Pre-conditions</b>	Users need to login in the application.
<b>Success Guarantee</b>	Users will add or create recipes without any error.
<b>Main success scenario</b>	User can see all the details of the recipe which is added or created by he/she.
<b>Extension</b>	If users will not provide all information of recipes which are mentioned in the application they will not be able to post that recipe.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 8</b>	Add favourite recipe
<b>Primary Actor</b>	User ( Existing User)
<b>Secondary Actor</b>	FireStore Database
<b>Stakeholders and Interests</b>	Users want to make a list of recipes they like the most.
<b>Pre-conditions</b>	Users need to login in the application.
<b>Success Guarantee</b>	Users will add recipes to their favourite as per their disirements.
<b>Main success scenario</b>	Users can see all the recipes which they liked as listed in this favourite recipes section.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 9</b>	Rate recipe
<b>Primary Actor</b>	User ( Existing User)
<b>Secondary Actor</b>	FireStore Database
<b>Stakeholders and Interests</b>	Users want to rate the recipes as per their experiences to make those recipes.
<b>Pre-conditions</b>	Users need to login in the application.
<b>Success Guarantee</b>	Users will rate recipes.
<b>Main success scenario</b>	Users can rate recipes which will be visible to all the users of the application for reference.

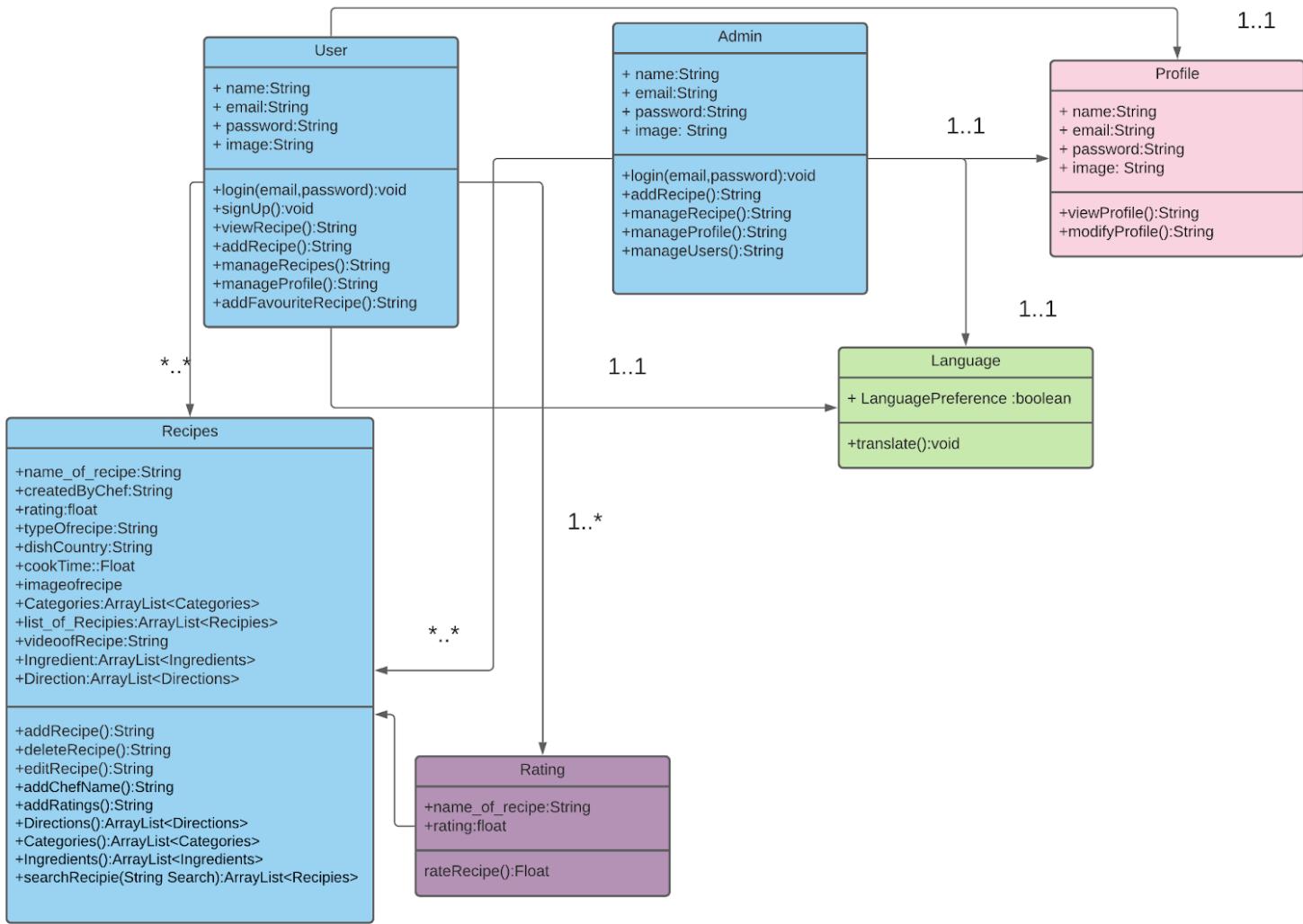
USE CASE SECTION	COMMENTS
<b>Use Case UC: 10</b>	Manage recipe
<b>Primary Actor</b>	User ( Existing User)
<b>Secondary Actor</b>	FireStore Database
<b>Stakeholders and Interests</b>	Users want to make changes in their own added or created recipes at any time.
<b>Pre-conditions</b>	Users need to create or add their own recipes.
<b>Success Guarantee</b>	Users will delete or update recipes without any error.
<b>Main success scenario</b>	Users can see updated recipes or can not see deleted recipes.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 11</b>	Manage Profile
<b>Primary Actor</b>	User,Admin
<b>Secondary Actor</b>	FireStore Database
<b>Stakeholders and Interests</b>	User / Admin will get the profile information from the firestore database.
<b>Pre-conditions</b>	Admin should have access to the database.
<b>Success Guarantee</b>	Users can see their profile information.Admin can see the profile information of all the users.
<b>Main success scenario</b>	In the profile section, the users can check his profile which includes their data like Name, Email and profile picture.

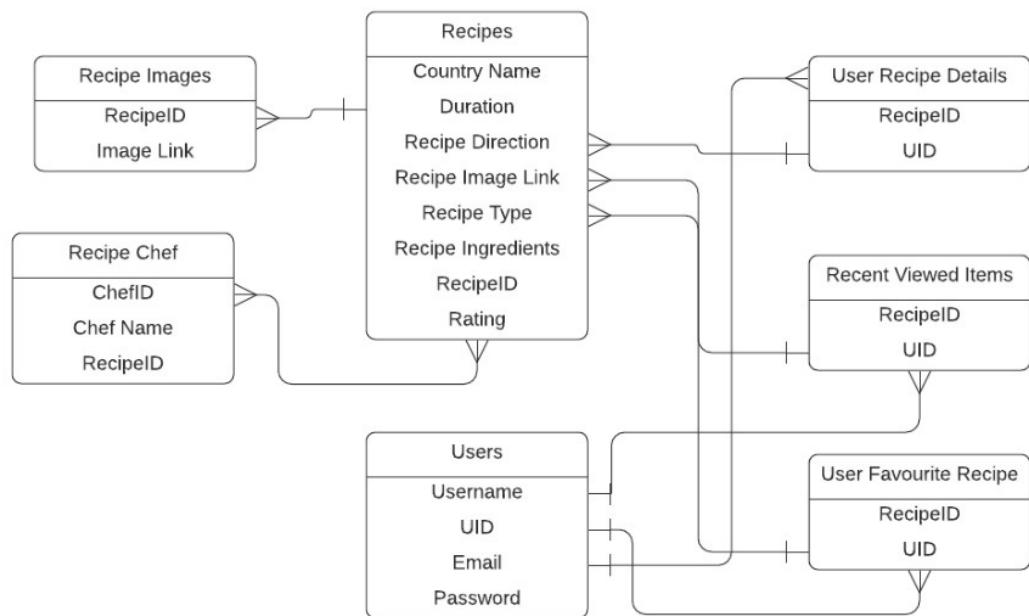
USE CASE SECTION	COMMENTS
<b>Use Case UC: 12</b>	Manage Users
<b>Primary Actor</b>	Admin
<b>Stakeholders and Interests</b>	Admin can delete the user from the system. Admin can restrict the user access.
<b>Pre-conditions</b>	Admin should have access to the database.
<b>Success Guarantee</b>	Admin can delete the user from the system.
<b>Main success scenario</b>	If the admin deletes the user from the system, then that user will not be able to log in to the application.

USE CASE SECTION	COMMENTS
<b>Use Case UC: 13</b>	Log out
<b>Primary Actor</b>	User
<b>Secondary Actor</b>	FireStore Databases
<b>Stakeholders and Interests</b>	User wants to logout.
<b>Pre-conditions</b>	User needs to be logged in to the application.
<b>Success Guarantee</b>	Users can log out from the application.
<b>Main success scenario</b>	If a user selects a logout option, he will be redirected to the login page.
<b>Extension</b>	If a user terminates the application without logout and when the user runs the application next time, he/she will automatically log in to the application.

## 4.2 CLASS DIAGRAM



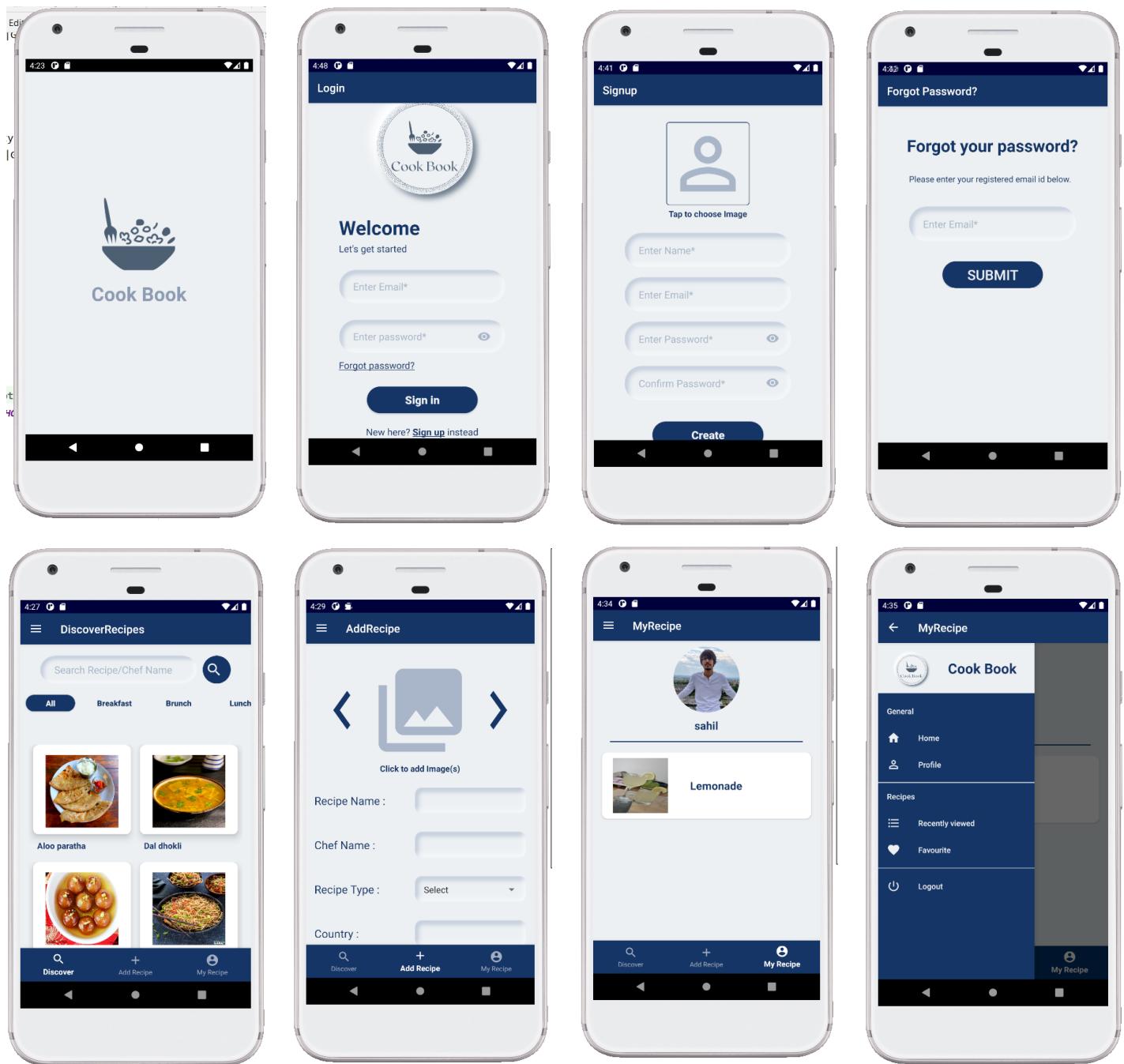
## 76-4.3 DATABASE DIAGRAM

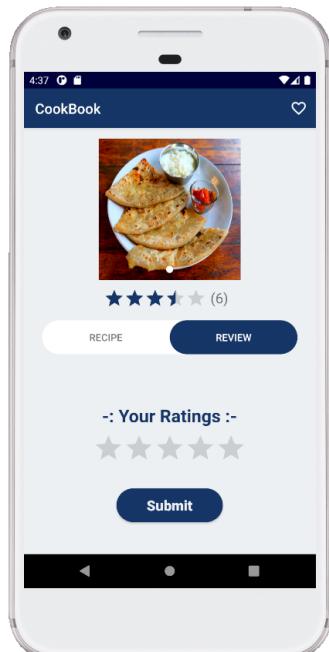
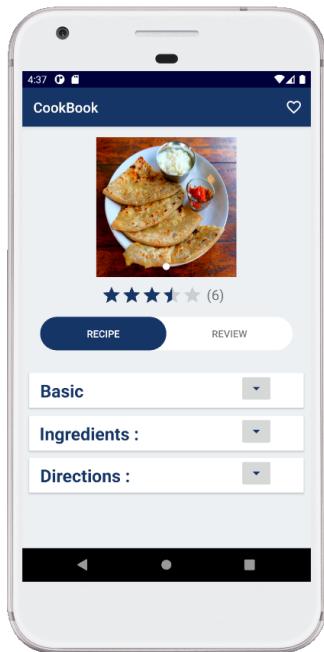
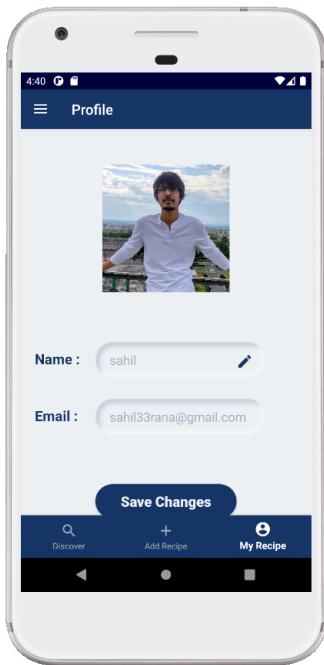


## 4.4 SCREEN FLOW DIAGRAM



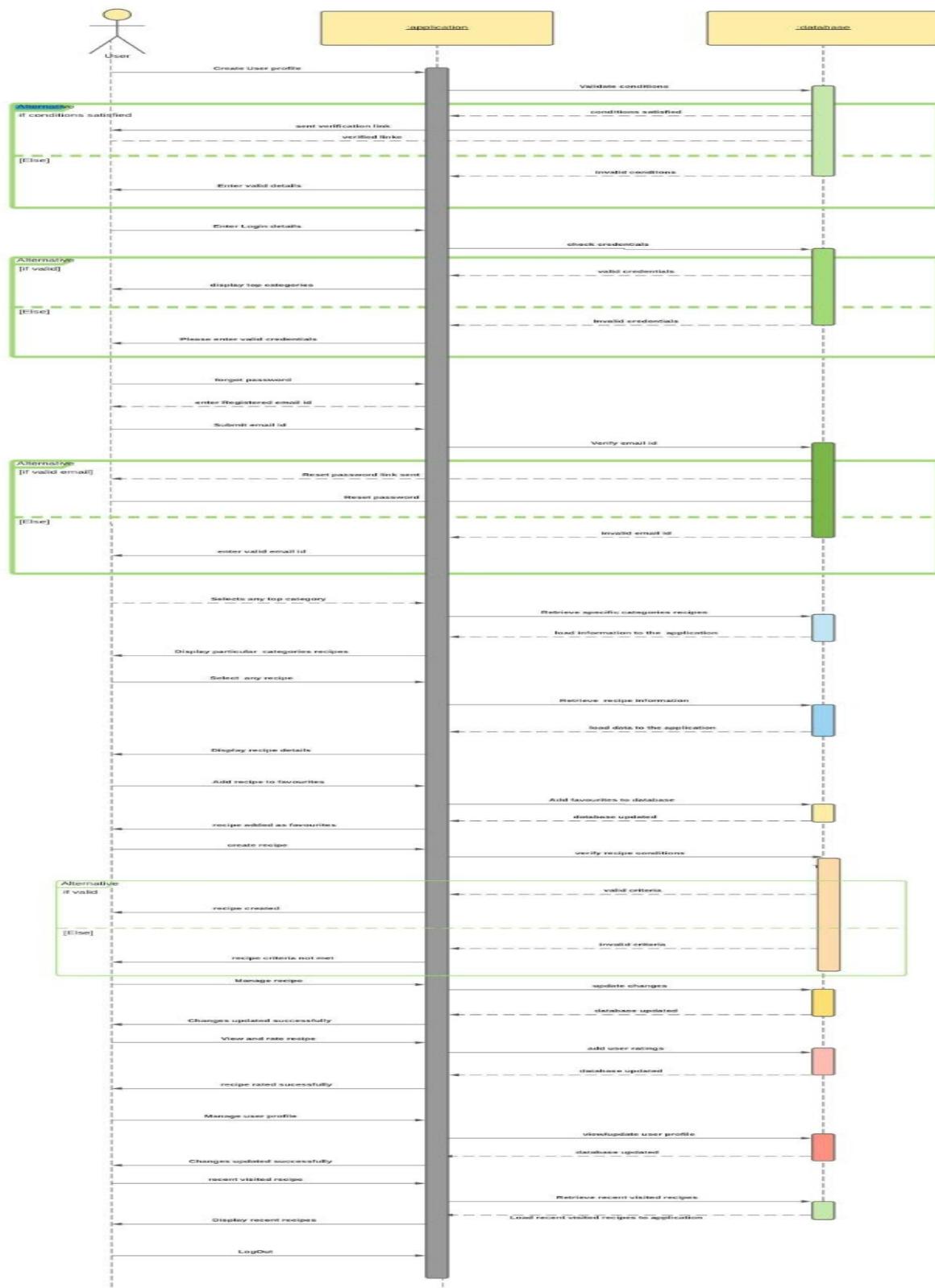
## 4.5 SCREEN DESIGN



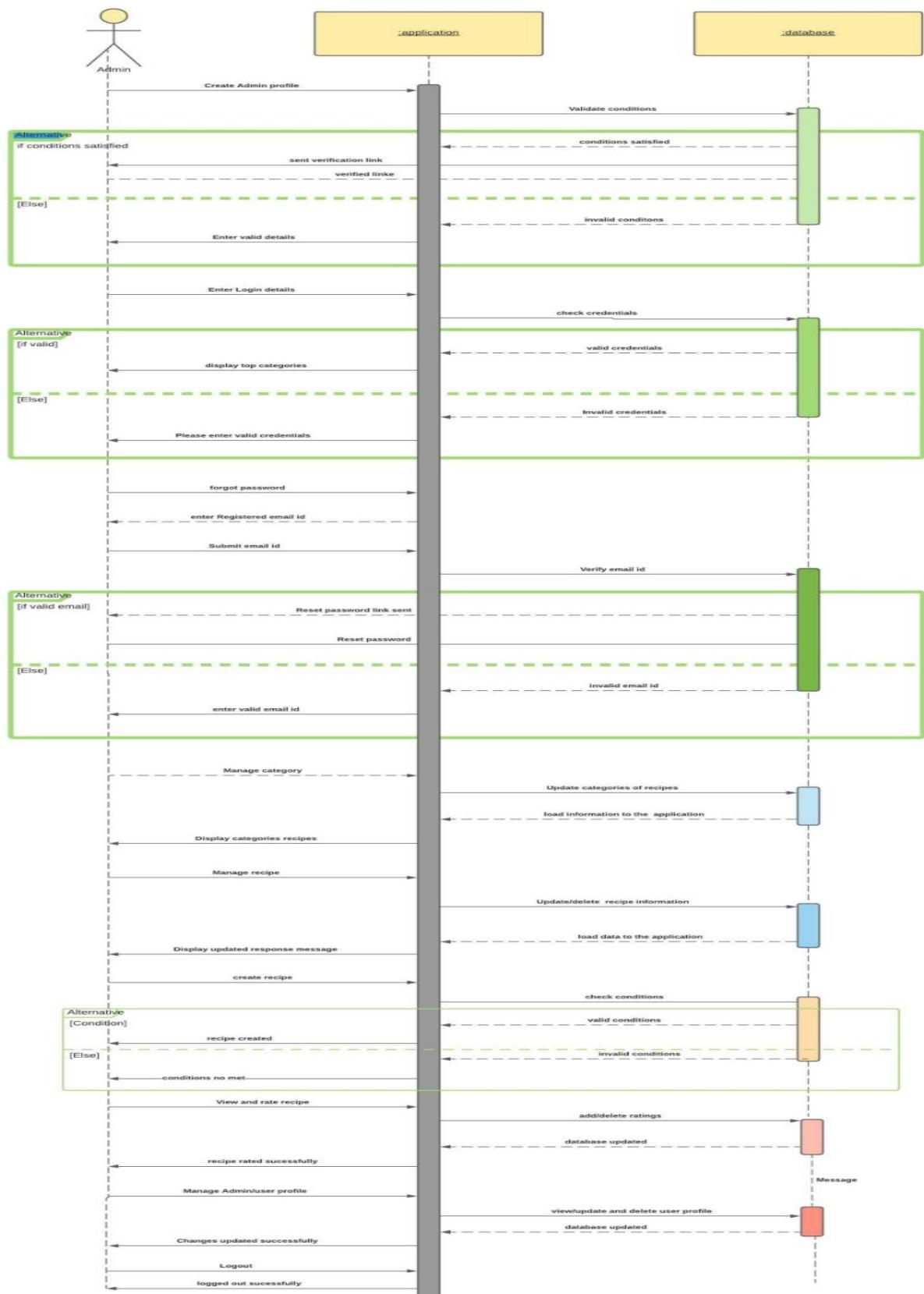


## 4.6 SEQUENCE DIAGRAM

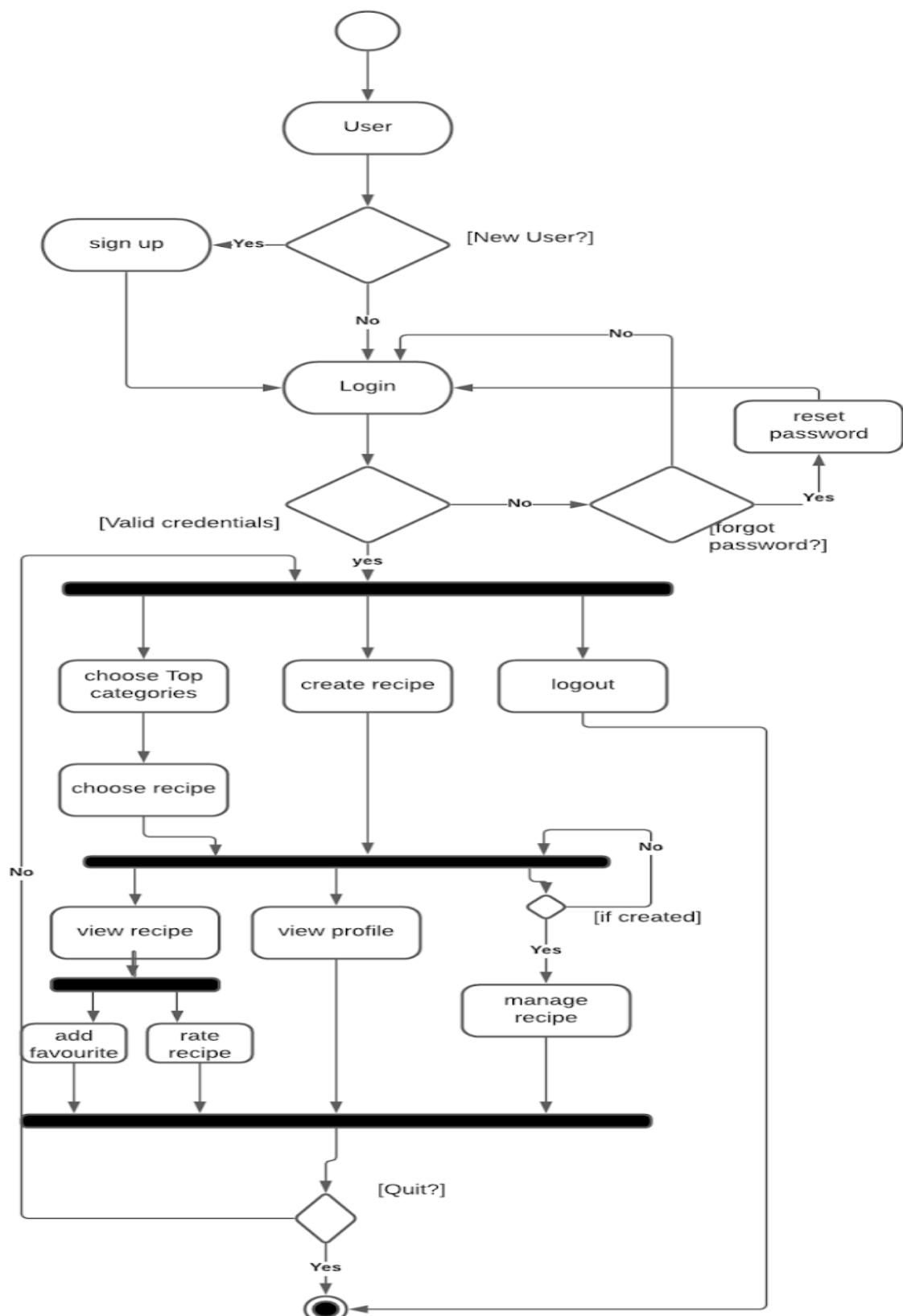
### 4.6.1 USER SEQUENCE DIAGRAM



## 4.6.2 ADMIN SEQUENCE DIAGRAM



## 4.7 ACTIVITY DIAGRAM



# CHAPTER - 5 TESTING

Test Scenario ID	Test case No	Testcase scenario	Testcase name	Precondition	Test steps	Expected Results	Actual Results	Status	Reported By	Reported On
CB01	CBT1	Check registration for user profile.	Create user profile with valid data	Internet connection is required. Enter valid data	1. Enter data in mandatory fields.  2. Choose image,  3. Enter first name,  4. Enter Email id,  5. Enter password, 6. Confirm password,  7. Click on create	User should be successfully registered to the application	Application will prompt message "user registered successfully" And will send a verification link to the registered email account.	Pass	Harish	06/08/2021
	CBT2		Check user registration with missing fields	Internet connection is required.	1. Don't enter data in any one of the mandatory fields.  2. Click on create	Users should not be able to register to the application.	Application will prompt "Enter all details".	Pass	Harish	06/08/2021
	CBT3		Check user registration with mismatch password	Internet connection is required	1.Enter password and confirm password should be different  2. Click on create	Users should not be able to register for the application.	Application will prompt "Entered password not matched".	Pass	Harish	06/08/2021
	CBT4		Check User registration with no internet connection	Disable internet connection	1. Enter all mandatory fields in the registration form.  2.Click on submit.	Users should not be able to register for the application.	Application will prompt "Check internet connection"	Pass	Harish	06/08/2021
	CBT5		Check User registration with already	Internet connection is required.	1. Enter data in mandatory fields.  2. Choose	Users should not be able to register for the application.	Application will prompt "User with this email already exists"	Pass	Harish	06/08/2021

			existing email id	Enter an already existing email id.	image, 3. Enter first name, 4. Enter already existing Email id, 5. Enter password, 6. Confirm password, 7. Click on create					
<b>CB02</b>	CBT6	User login to the application with registered credentials.	Check the user login after verifying the link sent to email from firebase .	1.Internet connection is required.  2. Enter valid user credentials.	1. Enter valid credentials i.e. email id and password.  2. Click on Sign in button	Users should be able to login to the application.	Application will prompt user "logged in successfully" And should display recipes.	Pass	Harish	06/08/2021
	CBT7		Check the user login before verifying the link sent to email from firebase	1.Internet connection is required.  2. Enter valid user credentials.	1.Enter valid Credentials i.e. email id and password.  2. Click on Sign in button	Users shouldn't be able to login to the application.	Application will prompt the user "Verify the " Please verify your email"	Pass	Harish	06/08/2021
	CBT8		Check the user login without entering the email address .	1.Internet connection is required.	1. Don't enter an email address.  2. Click on Sign in button	Users shouldn't be able to login to the application.	Application will prompt the user "Enter email or Email id Required"	Pass	Harish	06/08/2021
	CBT9		Check the user login without entering the password.	1.Internet connection is required.	1.Don't enter a password.  2. Click on Sign in button	Users shouldn't be able to login to the application.	Application will prompt the user "Enter password or password Required"	Pass	Harish	06/08/2021
	CBT10		Check the user login with	1. Internet connection is required.	1. Enter invalid email ID and valid password.	Users shouldn't be able to login to the	Application will prompt the user ""Enter valid email id and	Pass	Harish	06/08/2021

			invalid password		2. Click on sign in button	application.	password.			
	CBT11		Check the user login with invalid password	1.Internet connection is required.	1. Enter invalid password. 2. Click on the sign in button.	Users shouldn't be able to login to the application.	Application will prompt the user "Enter Valid password"	Pass	Harish	06/08/2021
<b>CB03</b>	CBT12	Reset password for user profile.	Check the forgot password with valid credentials.	1. Internet connection is required	1. Enter email id registered with application. 2.Click on the submit button.	Users should be able to get the reset password link to the given email.	Application will prompt user "Password reset email sent" and a reset link sent to the email id.	Pass	Harish	06/08/2021
	CBT13		Check the forgot password with invalid credentials	1.Internet connection is required	1. Enter the invalid email id which is not registered with the application.  2.Click on the submit button.	Users shouldn't be able to get password links.	Application will prompt user "Enter registered email"	Pass	Harish	06/08/2021
	CBT14		Check the forgot password with missing data.	1. Internet connection is required	1. Leave the mandatory enter email field as empty. 2. Click on the submit button.	User shouldn't be able to get any password reset link	Application will prompt user "Please enter your email"	Pass	Harish	06/08/2021
<b>CB04</b>	CBT15	User profile information	Get the login user profile details	1.Internet connection is required register with application	1.User should select profile option from drawer menu	User should get profile details(Imgae,name,Email)	Application fetching user details from database and display the information in respective fields	Pass	Saikiran	06/08/2021
	CBT16	User profile update	update the login user profile details	1.Internet connection is required. 2.register with application	1.User should select profile option from drawer menu 2. Enter the profile details.	Users should get profile details and update messages for successful database updation.	Application prompt "Updated successfully" message for successful update.	Pass	saikiran	06/08/2021
	CBT17		Update the login user profile details	1.Internet connection is required. 2.register with	1.User should select profile option from drawer menu 2. Enter the profile details.	Users should get error messages for unsuccessful database	Application prompt "not Updated"message for unsuccessful update.	Pass	saikiran	06/08/2021

				application		updation.				
<b>CB05</b>	CBT18	Add my recipe	Check adding my recipe to the database with valid data.	1. Internet connection required. 2. Should be able to login with valid credentials	1.Enter all the required details.  2. Select recipe images.  3.Enter recipe name.  4. Enter Chef name.  5. Select recipe type.  6.Select Country of origin  7. Enter duration of recipe.  8.Enter ingredients required for recipe.  9.Enter Directions to prepare the recipe.  10.Click on submit	1. Users should be able to add the recipe to the application.	Application will prompt the user "recipe added successfully" and recipe added to application. Added recipe is displayed in my recipe tab.	Pass	Harish	06/08/2021
	CBT19		Check adding my recipe to the database with missing data.	1. Internet connection required. 2. Should be able to login with valid credentials	1. Skip one or more data entry fields in add my recipe form.  2.Click on submit button	1.Users shouldn't be able to add recipes to the application.	1.Application will prompt the user "Enter all the details"	Pass	Harish	06/08/2021
<b>CB06</b>	CBT20	Remove the added recipe	Check if you can remove your own recipe	1. Internet connection required. 2. Should be able to login with valid credentials  3. User should	1. Click on my recipe tab.  2. User should be able to view the recipe added.  3. Hover the recipe you wanted to remove.  4. Swipe it to	1. User should be able to delete the recipe added by his own	1. Application will remove the recipe added when the user deletes it and it should reflect in the application immediately and the user will no longer be able to view the recipe.	Pass	Harish	06/08/2021

				already add his own recipe to the application.	left or right. 5. Application will prompt "are sure you want to delete " 6. Two options will be prompted "yes or no" 7. Select "yes" the recipe will be removed from the application.					
	CBT21		Check if user delete recipe when swipe it and click on "NO"	1. Internet connection required. 2. Should be able to login with valid credentials 3. User should already add his own recipe to the application.	1. Click on my recipe tab. 2. User should be able to view the recipe added. 3. Hover the recipe you wanted to remove. 4. Swipe it to left or right. 5. Application will prompt "are sure you want to delete " 6. Two options will be prompted "yes or no" 7. Select "NO" the recipe must not be removed from the application.	1. User should not be able to remove or delete recipe when he clicks on "NO" and should not reflect any changes in the database and in the application	1. User added recipes are not removed or deleted from the application. 2. No changes made to the application.	Pass	Harish	06/08/2021
CB07	CBT22	Rate recipes in the application	Check if the user can see the recipes and rate them.	1. Internet connection required. 2. Should be able to login with valid credentials and view recipes	1. Click and view the recipe. 2. Click on the review. 3. Rate the recipe by selecting the number of stars. 4. Click on submit.	1. User should be able to rate the recipe and that should reflect immediately in the application	1. Application will prompt the user "The given rating number " and will reflect the given rating in the application.	Pass	Harish	06/08/2021

	CBT23		Check if user can rate a recipe without selecting number of stars	1. Internet connection required. 2. Should be able to login with valid credential and view recipes	1. Click and view the recipe. 2. Click on the review. 3. Rate the recipe by without selecting the number of stars. 4. Click on submit.	1. Users shouldn't be able to rate the recipe and that shouldn't reflect or change anything in the application.				
<b>CB08</b>	CBT24	Redirect to Home page	Check if user redirecting to home page when click on the Home option	1. Internet connection required. 2. Should be able to login with valid credential	1. Click on the Home Option from the drawer menu in the application.	1.User should redirect to the home page and show a list of items in the page.	Application redirect to home page and prompt list of items	Pass	saikiran	06/08/2021
	CBT25	Redirect to Home page	Check if user redirecting to home page when click on the Home option	1. Internet connection required. 2. Should be able to login with valid credentials	1. Click on the Home Option from the drawer menu in the application.	1.User should redirect to the home page and prompt "No details" a list of items in the page.	Application prompt valid "No Items" message if there is no list of items	Pass	saikiran	06/08/2021
<b>CB09</b>	CBT26	Adding recipe to favourites	Check if user can add viewed recipe to the favourites	1. Internet connection is required. 2.Should be able to login with valid credentials 3. Able to view the recipe	1. Click and view the recipe. 2. Click on the heart symbol for adding recipe to favourites.	1. User should be able to add the recipe to favourites and that should reflect immediately in the application.	Application will prompt "recipe added to the favourites list"and these recipes can be seen in "favourite" tab	Pass	Harish	16/08/2021
	CBT27		Check if user can add viewed recipe without clicking on heart symbol	1. Internet connection is required. 2.Should be able to login with valid	1. Click and view the recipe. 2 Don't. Click on the heart symbol for adding recipe to favourites.	1. User shouldn't be able to add the recipe to favourites and that shouldn't reflect anything in	Application will not prompt any message and no changes will be made in "favourite" tab	Pass	Harish	16/08/2021

				credentials 3. Able to view the recipe	3. Exit recipe page	the application.				
	CBT28		Check if user can remove the recipe item from the favorite list	1. Internet connection is required. 2. Should be able to login with valid credentials 3. Able to view the recipe  4. Should add the recipe to favourite list	1. Click and view the recipe.  2. Deselect or Click on the heart symbol and the recipe to remove it from favourites.	1. User should be able to remove the recipe from favourites and that should reflect immediately in the application.	When user visits the favourite recipe tab the recipe is not in the favourites list	Pass	Harish	16/08/2021
<b>CB10</b>	CBT29	Update or Edit the recipe added by the user.	Check if the user can edit the recipe added to the application.	1. Internet connection is required. 2. User Should be able to login with valid credentials 3. Able to view the recipe 4. Should add the recipe to application before trying to edit it.  5 Added recipes should be visible when you click on my recipe tab.	1. Click and view the recipe.  2. Try to edit the fields you want.  3. Click on save recipe	1. Users should be able to update the recipe and that should reflect immediately in the application.	Users are able to update the recipes added to the application successfully and it is reflected to the application immediately.	Pass	Harish	16/08/2021
	CBT30	.	Check if the user can edit the	1. Internet connection is required.	1. Click and view the recipe.	1. Users should be able to get the prompt	Users are unable to update the recipes to the application and it	Pass	Harish	16/08/2021

			recipe added to the application with some missing fields.	<p>2. User Should be able to login with valid credentials</p> <p>3. Able to view the recipe</p> <p>4. Should add the recipe to the application before trying to edit it.</p> <p>5 Added recipes should be visible when you click on my recipe tab.</p>	<p>2. Try to edit the fields you want and give some spaces or miss the information.</p> <p>3. Try to save the recipe</p> <p>4. Click on save recipe</p>	message some fields are missing that should not reflect anything in the application.	doesn't reflect on the application immediately.			
CB11	CBT31	Search	Check whether user can search with particular recipe name	<p>1. Internet connection is required.</p> <p>2. User Should be able to login with valid credentials</p> <p>3. Able to view the home screen</p> <p>4. User should search with particular recipe name</p> <p>5. Searched recipe has to be displayed in the recipes screen</p>	<p>1.Click on search button</p> <p>2.Try to search with particular recipe name</p>	<p>1. Users should be able to get the searched recipes</p>	<p>1.User searched recipes are displayed in the application.</p>	pass	Sai kiran	23/08/2021

	CBT32		Check whether user can search with particular recipe name	<p>1. Internet connection is required.</p> <p>2. User Should be able to login with valid credentials</p> <p>3. Able to view the home screen</p> <p>4. User should search with particular recipe name</p> <p>5. Searched recipe has to be displayed in the recipes screen</p>	<p>1. Click on search button</p> <p>2. Try to search with particular recipe name</p>	<p>1. Users should not be able to get the searched recipes</p>	<p>1..Application will display empty page”</p>	Pass	Sai kiran	23/08/2021
CB12	CBT33	Recently viewed	Check whether user can see the recently viewed recipes	<p>1. Internet connection is required.</p> <p>2. User Should be able to login with valid credentials</p> <p>3. Able to view the home screen</p> <p>4. User should click on recently viewed</p> <p>5. Recently searched recipes has to be displayed in the</p>	<p>1.Click on Recently viewed button</p>	<p>1. Users should be able to get the Recently viewed recipes</p>	<p>1.Recently viewed recipes are displayed in the application.</p>	pass	Sai kiran	23/08/2021

				recipes screen						
	CBT34	Recently viewed	Check whether user can see the recently viewed recipes	1. Internet connection is required. 2. User Should be able to login with valid credentials 3. Able to view the home screen 4. User should click on recently viewed 5. Recently searched recipes has to be displayed in the recipes screen	1.Click on Recently viewed button	1. Users should be able to get the Recently viewed recipes	1 Application prompt valid "No Recently viewed Items" message if there is no recently viewed items	pass	Sai kiran	23/08/2021
	CBT35	Recently viewed	Check whether user can view the particular recipes	1. Internet connection is required. 2. User Should be able to login with valid credentials 3. Able to view the home screen 4. User should view the particular recipes	1.Click on type of recipes	1. Users should be able to view particular recipes	1.Particular recipe is displayed in the application.	Pass	Sai kiran	23/08/2021
	CBT36	Recently viewed	Check whether user	1. Internet connection is	1.Click on recipe	1. Users should be able to view	1.Particular recipe is displayed in the	Pass	Sai kiran	23/08/2021

			can view the particular recipes	required. 2.User Should be able to login with valid credentials  3.Able to view the home screen  4. User should view the particular recipes		recipe details	respective fields.			
	CBT37		Check user login to system or not.	1.Internet connection is required.  2. Click on the Menu bar  3.Click on logout	1. Click on Logout button	Users should be able to logout to the application.	Application will not logged out And is displaying an error message.	Pass	Sai kiran	23/08/2021
<b>CB14</b>	CBT38	Type of recipe	Check whether user can see the all type of recipes	1. Internet connection is required.  2.User Should be able to login with valid credentials  3.Able to view the home screen  4. User should see all type of recipes	1.Login to view all type of recipes	1. Users should be able to view all type of recipes	1.All Type of recipes are displayed in the application.	Pass	Sai kiran	23/08/2021
<b>CB15</b>	CBT39	View Recipe	Check whether user can	1. Internet connection is required.	1.Click on type of recipes	1. Users should be able to view particular	1.Particular recipe is displayed in the application.	Pass	Sai kiran	23/08/2021

	CBT40	View Recipe details	Check whether user can view the particular recipes	2.User Should be able to login with valid credentials  3.Able to view the home screen  4. User should view the particular recipes	1.Click on recipe	recipes			23/08/2021