

# GOURMET HUB

IIHT

Time To Complete: 2 hr

## CONTENTS

---

1	Project Abstract	3
2	Problem Statement	3
3	Proposed Gourmet Hub Wireframe	4
3.1	Welcome Page	4
3.2	User Login	6
3.3	Chef Login	10
4	Business-Requirement	14
5	Validations	21
6	Constraints	22
7	Mandatory Assessment Guidelines	22

## 1 PROJECT ABSTRACT

---

In the rapidly advancing digital age, the demand for convenient and accessible platforms for exploring and sharing culinary delights has significantly increased. With the vision of creating an innovative and user-friendly Gourmet app, the CEO of a budding culinary startup, Mr. X, assigns a team of developers to develop this application using React.

This application aims to provide a user-friendly and efficient platform for both users and chefs, enhancing the overall experience of discovering, sharing, and learning recipes. The app will allow users to access a variety of free recipes and purchase exclusive paid recipes from professional chefs.

Your task is to develop the Gourmet app, where users can log in as either chefs or general users. Users can browse and access details of free recipes, while paid recipes require payment to view details. Ensure the app supports sign-up for new users, secure login, recipe browsing, and a payment system for unlocking premium content. Chefs can add their recipes, while users enjoy a seamless browsing and purchasing experience.

## 2 PROBLEM STATEMENT

---

The "**Gourmet App**" is a Single Page Application (SPA) designed to enhance the culinary experience for users and chefs. This system allows users to browse and search for recipes, access details of free recipes, and securely pay to unlock premium recipes. It also provides an interface for Chefs to add their recipes, for users to enjoy a seamless browsing and purchasing experience to get the recipe details.

## 3 PROPOSED GOURMET HUB WIREFRAME

---

UI needs improvisation and modification as per given use case and to make test cases passed.

### 3.1 WELCOME PAGE



- [Home](#)
- [Recipe List](#)
- [Login](#)

## Welcome to Gourmet Hub

Your favorite place for delicious recipes!

\*\*\*Already added some recipes with their details\*\*\*



- [Home](#)
- [Recipe List](#)
- [Login](#)

## Recipe List

### • Spaghetti Carbonara

Spagh...

Get Details

### • Chicken Curry

Chick...

Get Details

### • Chocolate Cake

Flour...

Get Details

### \*\*\* Login Page\*\*\*

 localhost:8081/login

- [Home](#)
- [Recipe List](#)
- [Login](#)

## Login

Email:

Password:

Don't have an account?

### \*\*\* Sign Up\*\*\*

 localhost:8081/login

- [Home](#)
- [Recipe List](#)
- [Login](#)

## Sign Up

Username:

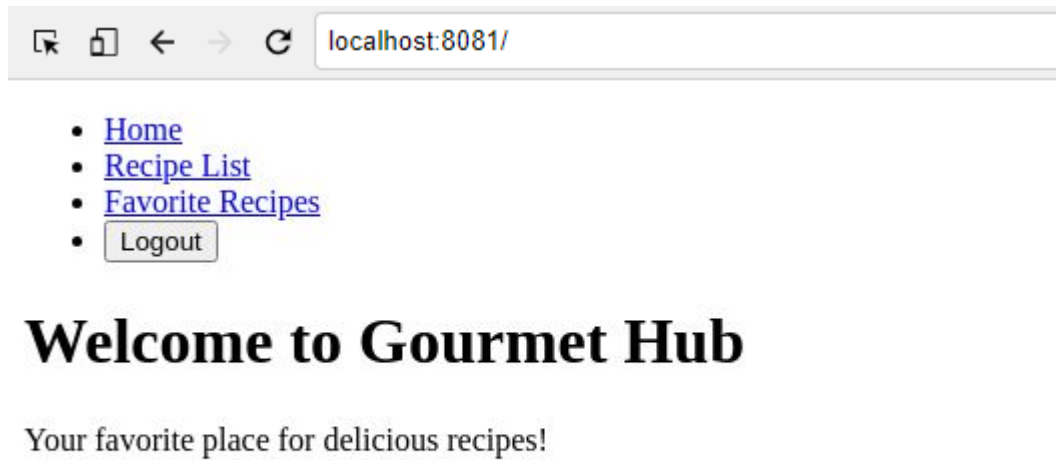
Email:

Password:

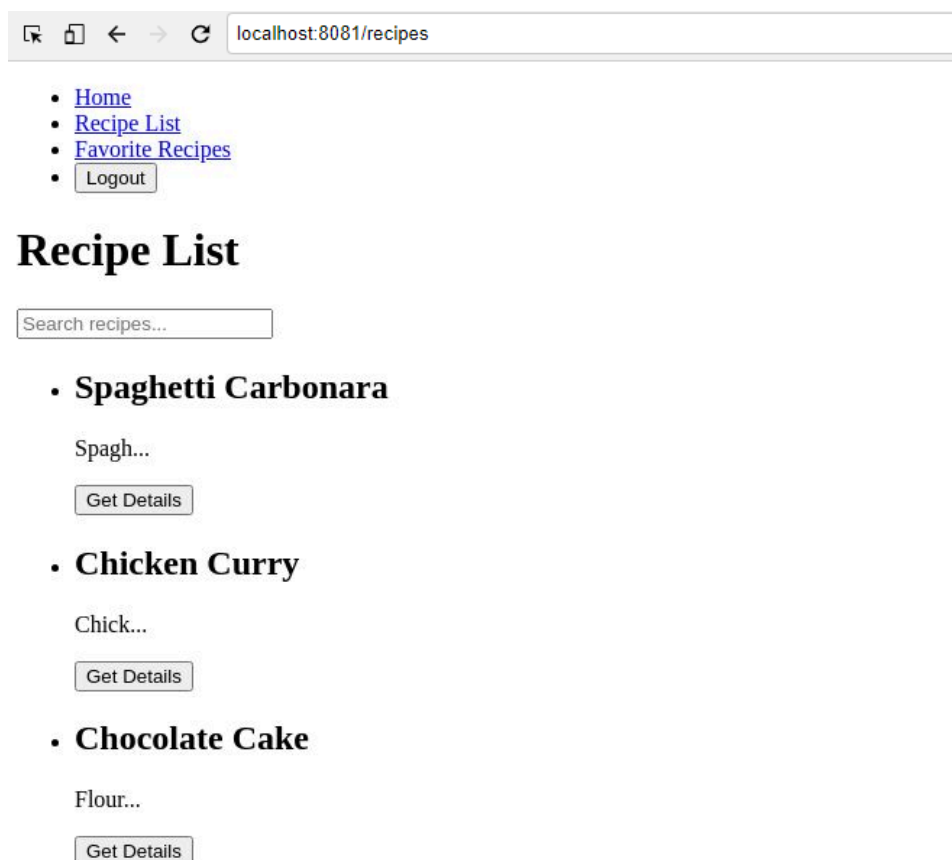
Already have an account?

## 3.2 USER LOGIN

\*\*\* User Home Page\*\*\*



\*\*\* Recipe List Page\*\*\*



### \*\*\* Free Recipe Details\*\*\*



#### • Curd rice

curd+...

Get Details

#### • Potato Fries

Potat...

Get Details

#### Potato Fries

**Ingredients:** Potato, Oil, Chilli powder

**Instructions:** in a hot oil slice potato and fry for 5-10 mins, while serving add a flakes of chilli powder along with sos

**Chef:** jane\_smith

Add to Favorite

### \*\*\* Search Recipes\*\*\*



- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- Logout

## Recipe List


salad

#### • Caesar Salad

Romai...

Get Details

\*\*\* Paid Recipe Details\*\*\*



- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
-

## Recipe List

- **Chettinad Briyani**

Basma...


### Payment for Chettinad Briyani

Card Number:

Expiry Date:

CVV:

\*\*\* Payment for Recipe Details\*\*\*



- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
-

## Recipe List

- **Chettinad Briyani**

Basma...

### Payment for Chettinad Briyani


Card Number:

Expiry Date:

CVV:



### \*\*\*Recipe Details after Payment\*\*\*



- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- [Logout](#)

## Recipe List

- Chettinad Briyani**

Basma...

Get Details

### Chettinad Briyani


**Ingredients:** Basmati rice, mint leaves, onion, tomato, ginger-garlic-paste, turmeric, boiled egg

**Instructions:** 1. Start with flavor masala and stir fry. 2. put the onion and tomato and paste and stir in low flame. 3. add water and build for 10 min, 4. drop the rice and dum for 20 mn in slow flame

**Chef:** jane\_smith

Add to Favorite

### \*\*\* Favorite Recipes Page\*\*\*



- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- [Logout](#)

## Favorite Recipes

- Spaghetti Carbonara**

**Spaghetti Carbonara**

**Ingredients:** Spaghetti, eggs, pancetta, parmesan cheese, black pepper

**Instructions:** 1. Cook spaghetti. 2. Fry pancetta. 3. Mix eggs and cheese. 4. Combine all.

**Chef:** Jane Smith
- Chicken Curry**

**Chicken Curry**

**Ingredients:** Chicken, onions, tomatoes, garlic, ginger, curry powder, coconut milk

**Instructions:** 1. Fry onions, garlic, and ginger. 2. Add chicken and curry powder. 3. Add tomatoes and coconut milk. 4. Simmer until cooked.

**Chef:** Bob Williams
- Chettinad Briyani**

**Chettinad Briyani**

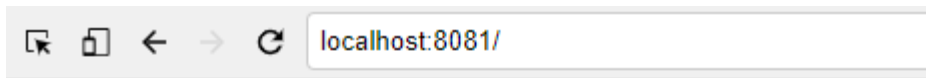
**Ingredients:** Basmati rice, mint leaves, onion, tomato, ginger-garlic-paste, turmeric, boiled egg

**Instructions:** 1. Start with flavor masala and stir fry. 2. put the onion and tomato and paste and stir in low flame. 3. add water and build for 10 min, 4. drop the rice and dum for 20 mn in slow flame

**Chef:** jane\_smith

### 3.3 CHEF LOGIN

\*\*\* Chef Home Page\*\*\*



- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- Logout

## Welcome to Gourmet Hub

Your favorite place for delicious recipes!

\*\*\* Recipe List Page\*\*\*



- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- Logout

## Recipe List

Add a Recipe

### • Spaghetti Carbonara

Spagh...

Get Details

### • Chicken Curry

Chick...

Get Details

### • Chocolate Cake

Flour...

### \*\*\*Add a Recipe\*\*\*

localhost:8081/recipes

- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- [Logout](#)

## Recipe List

[Add a Recipe](#)

### Add a New Recipe

Title:

Ingredients:

Instructions:

Paid Recipe: ☐

[Add Recipe](#)

#### • Spaghetti Carbonara

Spagh...

[Get Details](#)

#### • Chicken Curry

### \*\*\*Adding a non-paid Recipe\*\*\*

localhost:8081/recipes

- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- [Logout](#)

## Recipe List

[Add a Recipe](#)

### Add a New Recipe

Title:

Ingredients:

Instructions:

Paid Recipe: ☐

[Add Recipe](#)

### \*\*\*Adding a paid Recipe\*\*\*

[🔍](#) [📄](#) [←](#) [→](#) [↻](#) localhost:8081/recipes

- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- [Logout](#)

## Recipe List

Add a Recipe

### Add a New Recipe

Title:

Ingredients:

Instructions:

Paid Recipe: ☒

Add Recipe

Search recipes...

### \*\*\*New added Recipes\*\*\*

[🔍](#) [📄](#) [←](#) [→](#) [↻](#) localhost:8081/recipes

- [Curry rice](#)
- [curd+...](#)
- [Get Details](#)
- **Potato Fries**
- [Potat...](#)
- [Get Details](#)
- **Chettinad Briyani**
- [Basma...](#)
- [Get Details](#)

### Chettinad Briyani

**Ingredients:** Basmati rice, mint leaves, onion, tomato, ginger-garlic-paste, turmeric, boiled egg

**Instructions:** 1. Start with flavor masala and stir fry. 2. put the onion and tomato and paste and stir in low flame. 3. add water and build for 10 min, 4. drop the rice and dum for 20 mn in slow flame

**Chef:** jane\_smith

Add to Favorite

### \*\*\*Search Recipe\*\*\*

 localhost:8081/recipes

- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- 

## Recipe List

### • Chettinad Biryani

Basma...

### \*\*\*Pay for Recipe Details\*\*\*

 localhost:8081/recipes

Flour...

### • Caesar Salad

Romai...

### • sadfasdf

Romai...

### Payment for sadfasdf

Card Number:

Expiry Date:

CVV:

\*\*\*Add to Favorite\*\*\*

localhost:8081/recipes

- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- [Logout](#)

## Recipe List

[Add a Recipe](#)  
Search recipes...

### • Spaghetti Carbonara

Spagh...

[Get Details](#)

### Spaghetti Carbonara

**Ingredients:** Spaghetti, eggs, pancetta, parmesan cheese, black pepper

**Instructions:** 1. Cook spaghetti. 2. Fry pancetta. 3. Mix eggs and cheese. 4. Combine all.

**Chef:** Jane Smith

[Add to Favorite](#)

\*\*\*Favorites Page\*\*\*

localhost:8081/favorites

- [Home](#)
- [Recipe List](#)
- [Favorite Recipes](#)
- [Logout](#)

## Favorite Recipes

### • Spaghetti Carbonara

### Spaghetti Carbonara

**Ingredients:** Spaghetti, eggs, pancetta, parmesan cheese, black pepper

**Instructions:** 1. Cook spaghetti. 2. Fry pancetta. 3. Mix eggs and cheese. 4. Combine all.

**Chef:** Jane Smith

## 4 BUSINESS-REQUIREMENT:

As an application developer, develop the Gourmet Hub Application (Single Page App) with below guidelines:

User Story #	User Story Name	User Story
US_01	Welcome Page	<p>As a user I should be able to visit the welcome page as default page.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"><li>There should be 3 routes/links:<ul style="list-style-type: none"><li><b>Home:</b> When clicking this link, it should display the title "Welcome to Gourmet Hub" along with the subtitle "Your favorite place for delicious recipes!".</li><li><b>Recipe List:</b> When clicking this link, it should navigate to the recipes page.</li><li><b>Login:</b> When clicking this link, it should navigate to the login page.</li></ul></li></ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p> <p>As a user, I should be able to view the list of available recipes.</p>
	Recipe List Page	<p>Acceptance criteria:</p> <ol style="list-style-type: none"><li>When clicking the <b>Recipe List</b> link, it should display the title "Recipe List".</li><li>There should be a search bar to search for recipes with the placeholder "Search recipes...".</li><li>A list of available recipes should be displayed, where each recipe includes:<ul style="list-style-type: none"><li>The recipe name.</li><li>A short description (truncated if too long) - only the first five characters of the ingredients should be visible with "..." dots, for eg.(Chick...).</li><li>A "Get Details" button for each recipe. When clicking on this button, it should redirect to the login page.</li></ul></li></ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>

	Login Page	<p>As a user, I should be able to access the login page to log into the system.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> <li>1. Users can access the login page by clicking the Login link in the menu.</li> <li>2. The login page should have the title as "Login".</li> <li>3. The login page should have fields for entering an email and password.</li> <li>4. The system should validate the user credentials upon submission and provide appropriate feedback: <ul style="list-style-type: none"> <li>• If the email address is invalid (e.g., missing '@'), it should display "Please include an '@".</li> <li>• If the credentials are wrong, it should display "Invalid email or password".</li> <li>• Both fields are mandatory. If either field is not filled, an error message should be displayed indicating that the fields are required.</li> </ul> </li> <li>5. Fake REST APIs for logging in as a user and a chef are provided and should be used, as specified in the <code>db.json</code> file.</li> <li>6. The login page should have a <b>Login</b> button to submit the login credentials.</li> <li>7. After successful login, the user should be redirected to their respective home page (user or chef).</li> <li>8. There should be text "Don't have an account?" followed by a <b>Sign Up</b> button for users who don't have an account. When clicking this button, it should navigate to the <a href="#">sign-up page</a>.</li> </ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>
	Sign Up Page	<p>As a new user, I should be able to sign up for a new account.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> <li>1. Users can access the sign-up page by clicking the Sign Up button on the login page.</li> <li>2. The sign-up page should have the title "Sign Up."</li> <li>3. The sign-up page should have fields for entering a username, email, and password.</li> <li>4. The system should validate the user inputs upon submission and provide appropriate feedback: <ul style="list-style-type: none"> <li>• If the email address is invalid (e.g., missing '@'), it should display "Please include an '@".</li> </ul> </li> </ol>



		<ul style="list-style-type: none"> <li>All fields are mandatory. If any field is not filled, an error message should be displayed indicating that the fields are required.</li> </ul> <ol style="list-style-type: none"> <li>The sign-up page should have a <b>Sign Up</b> button to submit the new account details and when clicked it should redirect to the home page as a user.</li> <li>There should be text "Already have an account?" followed by a <b>Login</b> button to navigate back to the login page.</li> </ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>
US_02	User Page (Logged in as a user)	<p>As a user, I should be able to navigate the Gourmet Hub application after logging in.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> <li>There should be 3 routes/links: <ul style="list-style-type: none"> <li><b>Home:</b> When clicking this link, it should display the title "Welcome to Gourmet Hub" along with the subtitle "Your favorite place for delicious recipes!".</li> <li><b>Recipe List:</b> When clicking this link, it should navigate to the recipes page.</li> <li><b>Favorite Recipes:</b> When clicking this link, it should navigate to the favorite recipes page.</li> </ul> </li> <li>There should be a <b>Logout</b> button, and when clicked, it should log the user out and navigate to the login page.</li> <li>The above mentioned 3 routes/links &amp; logout button should be throughout all the respective pages until logging out.</li> </ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>
	Recipe List Page	<p>As a user, I should be able to view the list of available recipes and access recipe details.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> <li>When clicking the <b>Recipe List</b> link, it should display the title "Recipe List".</li> <li>There should be a search bar to search for recipes with the placeholder "Search recipes...".</li> </ol>

3. A list of available recipes should be displayed, where each recipe includes:
  - The recipe name.
  - A short description (truncated if too long) - only the first five characters of the ingredients should be visible with "..." dots, for example, "Chick...".
  - A **Get Details** button for each recipe.
4. There are paid and free recipes:
  - If it's a free recipe, after clicking the **Get Details** button, it should show the details of the recipe, including:
    1. Recipe name
    2. Ingredients
    3. Instructions
    4. Chef
  - If it's a paid recipe, after clicking the **Get Details** button, it should display below the payment section for the recipe, including:
    1. Card number
    2. Expiry date
    3. CVV
    4. **Pay** button
5. All fields in the payment section are mandatory. If any field is not filled, an error message should be displayed indicating that the fields are required.
6. Once all fields are filled and the **Pay** button is clicked, it should allow displaying the details of the recipe.

#### **Add to Favorite Button:**

Acceptance criteria:

1. Below the recipe details, an "**Add to Favorite**" button should be displayed.
2. There are paid and free recipes:
  - Add to Favorite Button for Free Recipes:
    1. When a user clicks the "Get Details" button for a free recipe, the recipe details should be displayed. Below the recipe details, an "**Add to Favorite**" button should be displayed.
    2. When the "Add to Favorite" button is clicked, the recipe should be added to the user's favorite recipes.
  - Add to Favorite Button for Paid Recipes:
    1. When a user clicks the "Get Details" button for a paid recipe, it should first display the payment

	Favorites Page	<p>fields, after successful payment, the recipe details should be displayed, similar to the free recipes along with recipe details, an "<b>Add to Favorite</b>" button in the below should be displayed.</p> <ol style="list-style-type: none"> <li>2. After a successful recipe payment only an "<b>Add to Favorite</b>" button should be displayed below.</li> <li>3. Similar to the free recipes, when the "Add to Favorite" button is clicked, the recipe should be added to the user's favorite recipes.</li> </ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>
		<p>As a user, I should be able to view my favorite recipes and access recipe details.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> <li>1. When clicking the <b>Favorite Recipes</b> link, it should display the title "Favorite Recipes".</li> <li>2. A list of favorite recipes should be displayed, where each recipe includes: <ul style="list-style-type: none"> <li>• The recipe name.</li> <li>• Details of the recipe, including: <ol style="list-style-type: none"> <li>1. Recipe name</li> <li>2. Ingredients</li> <li>3. Instructions</li> <li>4. Chef</li> </ol> </li> </ul> </li> </ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>
US_03	Chef Page (Logged in as a chef)	<p>As a chef, I should be able to navigate the Gourmet Hub application after logging in.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> <li>1. There should be 2 routes/links: <ul style="list-style-type: none"> <li>• <b>Home:</b> When clicking this link, it should display the title "Welcome to Gourmet Hub" along with the subtitle "Your favorite place for delicious recipes!".</li> <li>• <b>Recipe List:</b> When clicking this link, it should navigate to the recipes page.</li> <li>• <b>Favorite Recipes:</b> When clicking this link, it should navigate to the favorite recipes page.</li> </ul> </li> <li>2. There should be a <b>Logout</b> button, and when clicked, it should log the user out and navigate to the login page</li> </ol>

	Recipe List Page	<p>3. The above mentioned 3 routes/links &amp; logout button should be throughout all the respective pages until logging out.</p> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p> <p>As a chef, I should be able to view and manage recipes in the Gourmet Hub application after logging in.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> <li>1. The Recipe List page should have the title "Recipe List".</li> <li>2. There should be an <b>"Add a Recipe"</b> button to allow the chef to add new recipes.</li> <li>3. There should be a search bar to search for recipes with the placeholder "Search recipes...".</li> <li>4. A list of available recipes should be displayed, where each recipe includes: <ul style="list-style-type: none"> <li>• The recipe name.</li> <li>• A short description (truncated if too long) - only the first five characters of the ingredients should be visible with "..." dots, for example, "Chick...".</li> <li>• A <b>Get Details</b> button for each recipe, When clicked: <ol style="list-style-type: none"> <li>1. If it's a free recipe, it should showcase the details of the recipe, including: <ul style="list-style-type: none"> <li>• Recipe name</li> <li>• Ingredients</li> <li>• Instructions</li> <li>• Chef</li> </ul> </li> <li>2. If it's a paid recipe, it should display a payment section for the recipe, including: <ul style="list-style-type: none"> <li>• Card number</li> <li>• Expiry date</li> <li>• CVV</li> <li>• <b>Pay</b> button</li> </ul> </li> </ol> </li> </ul> </li> <li>5. All fields in the payment section are mandatory. If any field is not filled, an error message should be displayed indicating that the fields are required.</li> <li>6. Once all fields are filled and the <b>Pay</b> button is clicked, it should allow displaying the details of the recipe.</li> </ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>
--	------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### **Add Recipe Button:**

Acceptance criteria:

1. When clicking the **Add a Recipe** button, it should display a form titled "Add a New Recipe".
2. The form should include the following fields:
  - **Title:** A text input for the recipe title.
  - **Ingredients:** A text input for the ingredients, separated by commas.
  - **Instructions:** A text input for the instructions, detailing the steps to prepare the recipe.
  - **Paid Recipe:** A checkbox to indicate whether the recipe is paid.
3. There should be an **Add Recipe** button to submit the new recipe details.
4. All fields are mandatory. If any field is not filled, an error message should be displayed indicating that the fields are required.
5. Once all fields are filled and the **Add Recipe** button is clicked, the new recipe should be added to the list of available recipes.

**\*\* Kindly refer to the screenshots for any clarifications. \*\***

### **Add to Favorite Button:**

Acceptance criteria:

1. Below the recipe details, an "**Add to Favorite**" button should be displayed.
2. There are paid and free recipes:
  - Add to Favorite Button for Free Recipes:
    1. When a user clicks the "Get Details" button for a free recipe, the recipe details should be displayed. Below the recipe details, an "**Add to Favorite**" button should be displayed.
    2. When the "Add to Favorite" button is clicked, the recipe should be added to the chef's favorite recipes.
  - Add to Favorite Button for Paid Recipes:
    1. When a user clicks the "Get Details" button for a paid recipe, it should first display the payment fields, after successful payment, the recipe details should be displayed, similar to the free

		<p>recipes along with recipe details, an "<b>Add to Favorite</b>" button in the below should be displayed.</p> <ol style="list-style-type: none"> <li>2. After a successful recipe payment only an "<b>Add to Favorite</b>" button should be displayed below.</li> <li>3. Similar to the free recipes, when the "Add to Favorite" button is clicked, the recipe should be added to the chef's favorite recipes.</li> </ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>
	Favorites Page	<p>As a chef, I should be able to view my favorite recipes and access recipe details.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> <li>1. When clicking the <b>Favorite Recipes</b> link, it should display the title "Favorite Recipes".</li> <li>2. A list of favorite recipes should be displayed, where each recipe includes: <ul style="list-style-type: none"> <li>• The recipe name.</li> <li>• Details of the recipe, including: <ol style="list-style-type: none"> <li>1. Recipe name</li> <li>2. Ingredients</li> <li>3. Instructions</li> <li>4. Chef</li> </ol> </li> </ul> </li> </ol> <p><b>** Kindly refer to the screenshots for any clarifications. **</b></p>

## 5 VALIDATIONS

---

- All required fields must be fulfilled with valid data.
- When logging into the system all the fields must be filled.
- When adding a recipe into the system all fields are mandatory to be filled.
- When paying a recipe into the system all fields are mandatory to be filled.

## 6 CONSTRAINTS

---

- You should be able to press the “TAB” key and “SHIFT + TAB” to navigate from top field to bottom field and vice-versa.
- Once a user is logged in there should not be a “/login” url available until logged out.
- If it’s a paid recipe, then it should not be able to add into the favorites page until it is purchased.

## 7 MANDATORY ASSESSMENT GUIDELINES

---

1. All actions like build, compile, running application, running test cases will be through Command Terminal.
2. To open the command terminal the test takers, need to go to Application menu (Three horizontal lines at left top) -> Terminal ->New Terminal.
3. This editor Auto Saves the code.
4. If you want to exit(logout) and continue the coding later anytime (using Save & Exit option on Assessment Landing Page) then you need to use CTRL+Shift+B-command compulsorily on code IDE. This will push or save the updated contents in the internal git/repository. Else the code will not be available in the next login.
5. These are time bound assessments the timer would stop if you logout and while logging in back using the same credentials the timer would resume from the same time it was stopped from the previous logout.
6. To test any Restful application, the last option on the left panel of IDE, you can find ThunderClient, which is the lightweight equivalent of POSTMAN.
7. This is a web-based application, to run the application on a browser, use the internal browser in the workspace. Click on the second last option on the left panel of IDE, you can find Browser Preview, where you can launch the application.

**Note: The application will not run in the local browser**

8. You can follow series of command to setup React environment once you are in your project-name folder:
- a. `npm install` -> Will install all dependencies -> takes 10 to 15 min
  - b. `npm run start` -> To compile and deploy the project in browser. You can press <Ctrl> key while clicking on localhost:8080/8081 to open project in browser -> takes 2 to 3 min
  - c. `npm run json-start` -> As we are using a json server to mimic our db.json file as a database. So, this command is useful to start a json server.
  - a. `npm run jest` -> to run all test cases and see the summary. It takes 5 to 6 min to run.
  - d. `npm run test` -> to run all test cases. **It is mandatory to run this command before submission of workspace** -> takes 5 to 6 min
9. You may also run “`npm run jest`” while developing the solution to re-factor the code to pass the test-cases.
10. Once you are done with development and ready with submission, you may navigate to the previous tab and submit the workspace. It is mandatory to click on **“Submit Assessment”** after you are done with code.
11. You need to use CTRL+Shift+B - command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.