**1. Introduction**

This document presents a detailed analysis of the software requirements for the Recipe Website, using an iterative approach to identify and design the necessary web pages. The design tool **Figma** has been used to create prototypes of these pages, aligning with the functional requirements of regular users and administrators. Below, I outline the analysis of each requirement alongside the corresponding Figma designs.

**2. User Requirements**

**2.1 Login/Register**

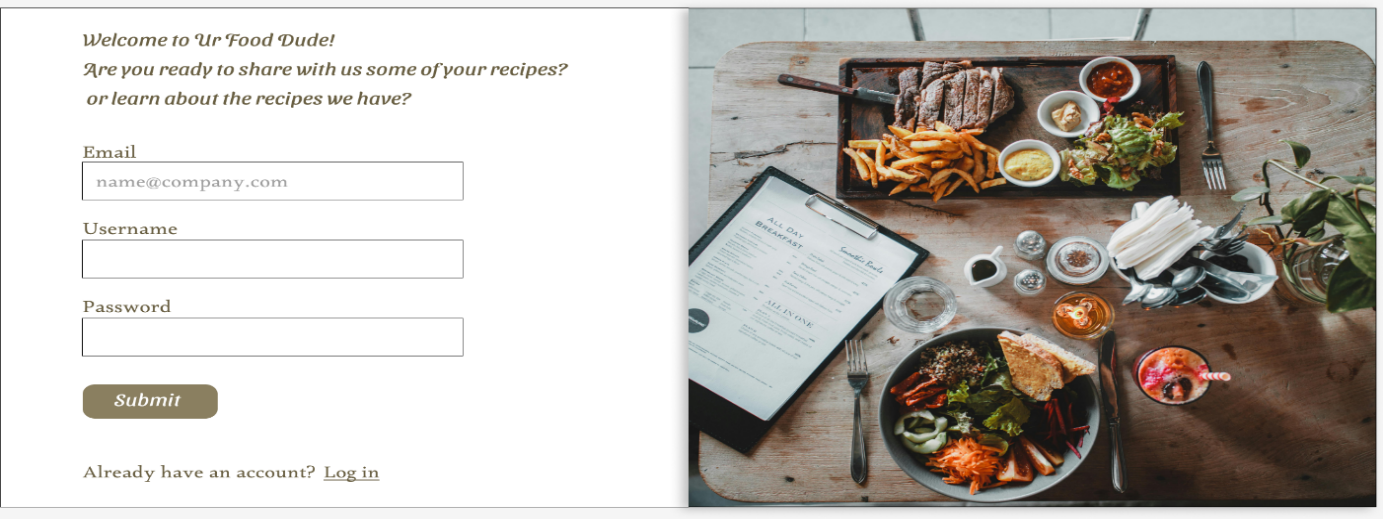
The first user requirement is to allow users to log in or register. Below is the final design for both pages:

A table with food on it

Description automatically generated**Login Page Design:**

The page is clean and simple, with coherent design elements matching the website theme.

**Registration Page Design:**



The registration page is like the login page, ensuring consistency across user flows. It allows users to create an account by filling out basic information such as username, password, and email.

**2.2 Profile Management**

A screenshot of a person

Description automatically generatedUsers need the ability to manage their personal information, including changing their username, password, and image. Below is a prototype of the Profile Management Page:

The user can update their username (if it’s unique) and change their password. There’s also an option for users to deactivate their account if needed.

**2.3 Recipe Creation and Management**

One of the key functionalities is for users to create, edit, and manage recipes. To address this, I have developed four pages:

* **Create Recipe Page**:

Users can create a new recipe by providing details such as name, cooking time, servings, and a description of the preparation steps.

A screenshot of a computer

Description automatically generated

* **Edit Recipe Page:**

A plate of pasta with a fork and spoon

Description automatically generatedThis page allows users to modify their recipes. Once the user clicks the edit button, the relevant fields become editable. The ‘Edit’ button then changes to ‘Save’, ensuring a smooth transition. The user can also delete a recipe by clicking the ‘Delete’ button.

* **Show Recipe Page:**

This page displays the recipe details to the user. It is used when a user wants to view the full recipe, without the ability to edit it (even if it is him the owner, he should navigate to the ‘My Recipes’ page).

A plate of pasta with a fork and spoon

Description automatically generated

* **My Recipes Page:**

A list of all recipes created by the user is shown here, with options to either create a new recipe or edit an existing one.

A screenshot of a recipe

Description automatically generated

**2.4 Favorites Management**

A screenshot of a recipe

Description automatically generatedUsers can manage their favorite recipes by adding or removing them from the “Favorites” section. Below is the design for the **Favorites Management Page,** where users can view and manage their saved recipes:

The design ensures that users can quickly navigate and manage their favorite recipes.

**2.5 Recipe Viewing**

This requirement is already satisfied with the ‘Show Recipe’ page.

**2.6 Recipe Filtering and Search**

This is one of the most important features; to enhance the user experience, filtering options are available on the **All-Recipes Page.** Users can filter based on meal type (breakfast, lunch, dinner), Serving (3 persons, 2 persons), and preparation time (e.g., quick meals, slow-cooked). There’s also a search functionality where users can search for recipes using the recipes’ names.

A screenshot of a recipe

Description automatically generated

**2.7 Recipe Search & 2.8 Reset Filters**

These two requirements are already satisfied on the **All-Recipes Page.**

**3. Admin Requirements**

**3.1 User Management**

Admins can activate, deactivate, or delete user accounts to maintain the platform’s integrity.

A screenshot of a computer

Description automatically generated

On this page, the administrator can search for a specific user using his username and delete, activate, or deactivate that user's account.

**3.2 Recipe Moderation**

A screenshot of a recipe

Description automatically generatedAdmins can monitor and remove any inappropriate or unwanted recipes from the platform.

On this page, the administrator can search for a specific recipe using the recipe’s name and delete it if it does not follow the website's rules.

**3.3 Admin Management**

Admins can assign or remove admin privileges for other users.

A screenshot of a computer

Description automatically generated

On this page, the administrator can search for a specific admin using the admin’s username and has the option to either delete, activate, or deactivate the admin. Also, he has the privilege of adding another admin.

**3.4 Profile Management**

It is the same as the user profile management.

The final page concerned about the admin is the **add admin** page, this page is used by an admin to add another admin.

A screenshot of a computer

Description automatically generated

The final page is the home page, which is a common page between the user and the admin.

**Home Page:**

**A screenshot of a social media post

Description automatically generated**

**4. Conclusion**

In conclusion, all web pages have been identified, and we’ve confirmed that they meet the functional requirements outlined in the SRS document. The next step is to proceed with the front-end implementation.