### ****Recipe Book App****

#### ****Project Overview****

The Recipe Book App allows users to explore, upload, save, and share recipes. The app includes functionality to search recipes by ingredients, view detailed recipe descriptions, and manage saved recipes. It also features user authentication and profile management.

### ****App Pages & Features****

#### ****1. Home Page****

* **Search by Ingredients**: Users can enter ingredients they have, and relevant recipes will be shown.
* **Random Ingredients**: Display a set of random ingredients for users to explore new recipe ideas.
* **Popular Recipes**: Showcase recipes that are popular among users.
* **Recipe Cards**: Each card contains a recipe image, title, and a short description. Clicking a card navigates to the detailed recipe description page.

#### ****2. Recipe Description Page****

* **Title & Description**: Detailed view of the recipe title and instructions.
* **Ingredients List**: Complete list of ingredients required for the recipe.
* **Additional Info**: Cooking time, portion size, and difficulty level.
* **Uploader Information**: Show details of the user who uploaded the recipe (name, profile link).
* **Action Buttons**:
  + **Save Recipe**: Users can save the recipe to their favorites.
  + **Share Recipe**: Share the recipe link on social media.

#### ****3. Search Page****

* **Search Bar**: Users can search for recipes by name or ingredient.
* **Search History**: Displays a history of recent searches.
* **Last Viewed Recipes**: Show recipes that the user recently viewed.
* **Suggested Recipes**: Automatically recommend recipes based on user history or popular searches.

#### ****4. Post Recipe Page****

* **Title & Description**: Fields for users to input the recipe’s title and a detailed description.
* **Photo Upload**: Users can upload an image for their recipe.
* **Portion Size**: Field to specify how many portions the recipe makes.
* **Cooking Time**: Users can specify how long it takes to prepare the recipe.
* **Submit Recipe**: Save the recipe .

#### ****5. Saved Recipe Page****

* **Search Bar**: Users can search within their saved recipes.
* **Recipe Cards**: Display saved recipes in a card layout with recipe title and image.
* **Remove from Saved**: Users can remove recipes from their saved list.

#### ****6. User Profile Page****

* **Profile Picture & Bio**: Users can edit their profile picture and bio.
* **Recipe Stats**: Show the number of recipes the user has posted, followers (if applicable).
* **Action Buttons**:
  + **Edit Profile**: Allows users to update their profile information.
  + **Followers/Following**: Manage followers.
* **Recipe Grid**: Display a grid of recipes posted by the user.

#### ****Settings****

* **Account Settings**:
  + **Change Email**: Option to update the user’s registered email address.
  + **Change Password**: Password change functionality.
  + **Delete Account**: Option to permanently delete the user’s account.
* **Privacy Settings**:
  + **Make Profile Public/Private**: Users can choose who can see their recipes.
  + **Blocked Users**: Manage a list of blocked users (if social features are included).
* **Notifications Settings**: Manage notifications for likes, comments, or saved recipes.
* **About**:
  + **Terms & Conditions**, **Privacy Policy**, **App Version**.