

## **Project Title: Recipe Manager**

### **Project Overview:**

The Recipe Manager is a web application built using Django, allowing users to manage their recipes. It provides features for user authentication, recipe management, favoriting recipes, and an optional advanced feature. The application utilizes Django's built-in authentication system, SQLite for the database, and Django templates for rendering HTML pages.

### **User Authentication:**

**Sign up:** Users can create a new account by providing a username, email, and password.

**Log in:** Registered users can log in using their username and password.

**Log out:** Users can log out of their accounts.

**Email-Authentication:** After Create a new user, **He/She** can activate account using Authentic Mail.

**Forgot Password:** When user forgot password, **He/She** can Reset Password.

### **Recipe:**

Recipe Title, Ingredients, Instructions, Preparation Time, Cooking Time, Total Time, Difficulty Level, Nutritional Information, Image, Category, Tags (vegetarian, non-vegetarian), Total Calorie

### **Search:**

1. Search Recipe using (Title, Category, Tags)

### **Favorites:**

**Add to Favorites:** Authenticated users can mark recipes as favorites.

**View Favorites:** Users have a dedicated page to view all their favorite recipes.

### **Optional Advanced Feature:**

**Recipe Categories (Chosen):** Users can categorize recipes into different categories such as Breakfast, Lunch, Dinner, etc. Each recipe can belong to one or more categories.

**Category Management:** Users can create, edit, and delete categories.

**Category Filtering:** Users can filter recipes based on categories.