

RECEIPE MANANGER APPLICATION USER MANUAL

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User Manual





Development Environment:

Visual Studio with.NET Framework (version compatible with WPF apps).



Adding a Recipe

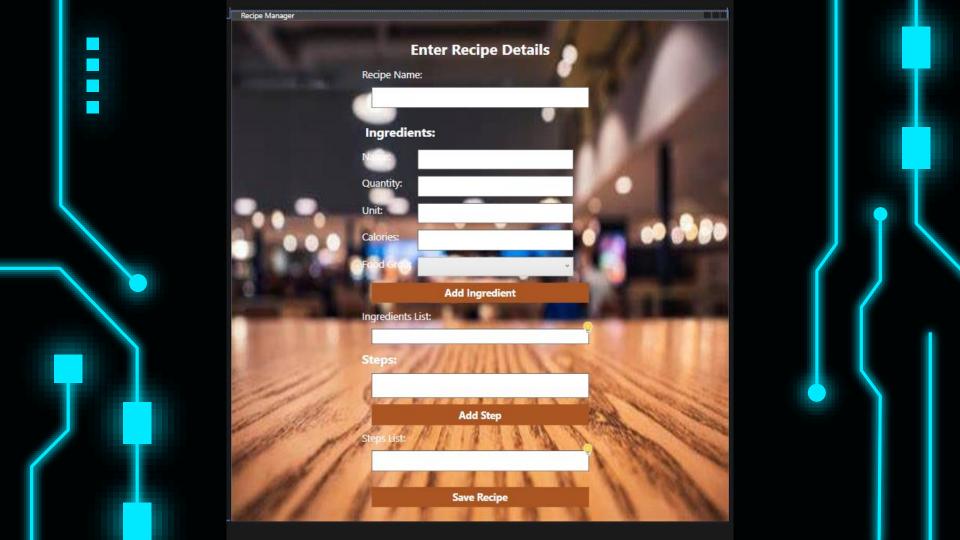
1. Open the Application:

Launch the Recipe Manager application.



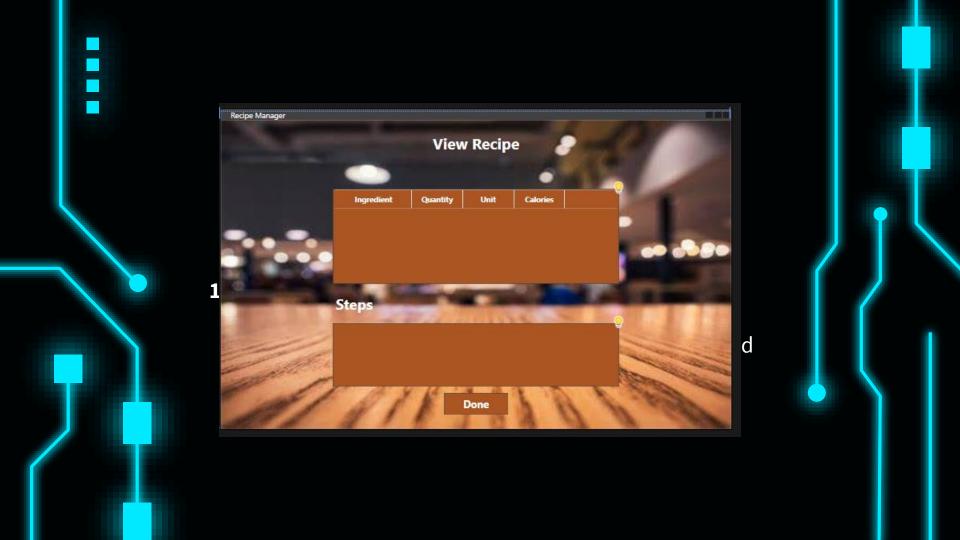
Enter Recipe Details:

- Click on the "Enter Recipe" button to open the "Enter Recipe" window.
- Fill in the recipe name, ingredients (name, quantity, unit, calories, food group), and steps.
- Click on "Add Ingredient" to add each ingredient.
- Click on "Add Step" to add each step in the recipe preparation.



1. Save the Recipe:

- Click on "Save Recipe" to save the entered recipe.
- A success message will appear if the recipe is saved successfully.



Viewing a Recipe

1. View Existing Recipes:

From the main window, click on "View Recipes" to open the list of existing recipes.

Viewing a Recipe

2. Select a Recipe:

- Double-click on a recipe to view its details in the "View Recipe" window.
- The recipe's name, ingredients with quantities, units, and calories, and preparation steps will be displayed.

Viewing a Recipe

3. Manage Recipe Details:

- Check the steps as completed by clicking on the checkboxes next to each step.
- If the total calories exceed 300, a warning message will be displayed.
- Click on "Done" to close the "View Recipe" window.

Filtering Recipes

- 1. Filter Recipes by Ingredient Name:
 - Click on the "Filter by Ingredient" button on the main window.
 - Enter the name of the ingredient you want to filter by and click "Apply".
 - Recipes containing the specified ingredient will be displayed.
- 2. Filter Recipes by Food Group:
 - Click on the "Filter by Food Group" button on the main window.
 - Select a food group from the dropdown menu and click "Apply".
 - Recipes belonging to the selected food group will be displayed.
- **3.** Filter Recipes by Maximum Calories:
 - Click on the "Filter by Calories" button on the main window.
 - Enter the maximum calories limit and click "Apply".
 - Recipes with total calories less than or equal to the specified limit will be displayed.

Scaling a Recipe

1. Scale Recipe Quantities:

- From the main window, click on "Scale Recipe" to open the "Scale Recipe" window.
- Enter a scaling factor (e.g., 0.5 for half, 2 for double).
- Click on "Scale" to adjust the quantities of all ingredients in the recipe accordingly.
- A success message will appear if the recipe is scaled successfully.

