

ST10390381
PROG221 POE

User Manuel

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1. Introduction

Welcome to the Recipe Application! This application allows you to create, save, and manage your recipes easily. You can add ingredients with specific measurements, categorize them by food groups, and add detailed steps to your recipes.

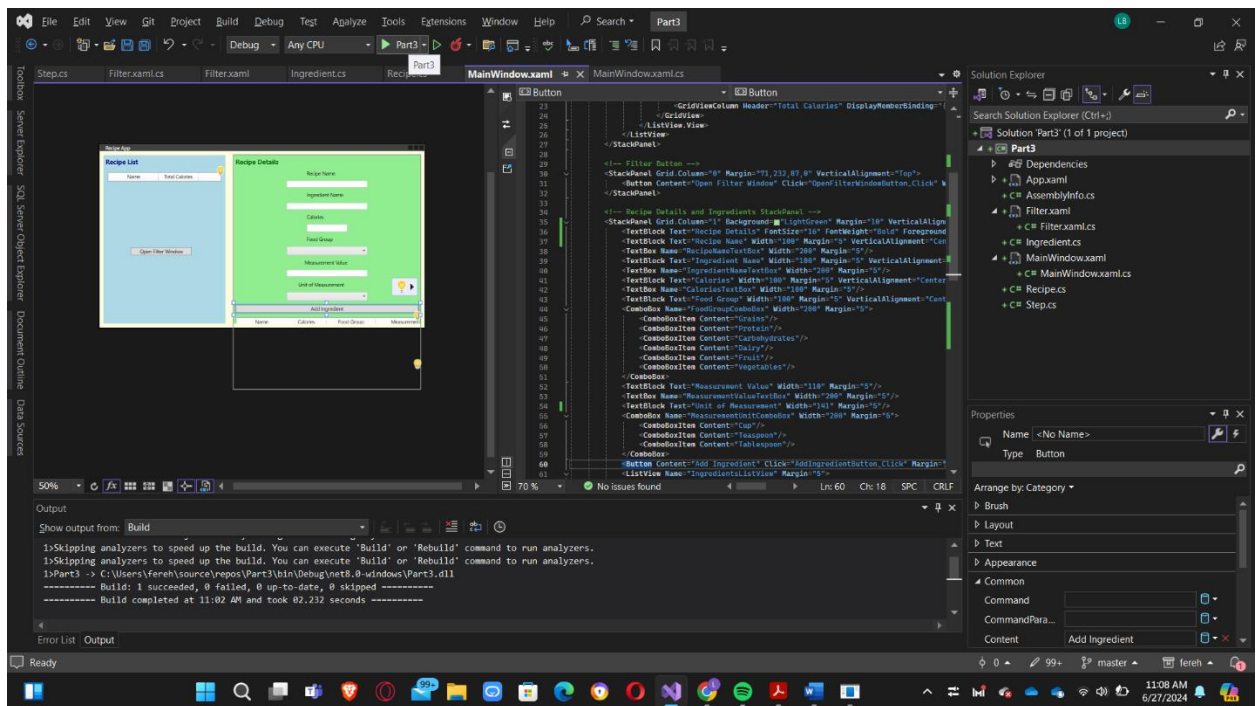
2. Getting Started

Installation

1. Download the installer from the provided link.
2. Run the installer and follow the on-screen instructions to install the application.

Launching the Application

1. After installation, double-click the application icon on your desktop or find it in your Start menu.
2. The main window of the application will open.



3. Main Window Overview

The main window is divided into two main sections:

- **Recipe ListView:** Displays the list of saved recipes.
- **Recipe Details and Ingredients Panel:** Used to enter and view recipe details, ingredients, and steps.

The screenshot shows the 'Recipe App' window. On the left is the 'Recipe List' panel with a table header containing 'Name' and 'Total Calories', and a button labeled 'Open Filter Window'. On the right is the 'Recipe Details' panel, which includes input fields for 'Recipe Name', 'Ingredient Name', 'Calories', and 'Measurement Value', and dropdown menus for 'Food Group' and 'Unit of Measurement'. Below these are sections for 'Add Ingredient' (with a table header: Name, Calories, Food Group, Measurement) and 'Add Step' (with a 'Step' input field). At the bottom of the details panel is a 'Save Recipe' button.

4. Adding a Recipe

Entering Recipe Details

1. In the "Recipe Details and Ingredients" panel, enter the recipe name in the **Recipe Name** textbox.

Adding Ingredients

1. Enter the ingredient name in the **Ingredient Name** textbox.
2. Enter the number of calories in the **Calories** textbox.
3. Select the food group from the **Food Group** dropdown menu.
4. Enter the measurement value in the **Measurement Value** textbox.
5. Select the unit of measurement from the **Unit of Measurement** dropdown menu.

6. Click the **Add Ingredient** button to add the ingredient to the list.

The screenshot shows the 'Recipe App' interface. On the left is the 'Recipe List' panel, which is currently empty except for an 'Open Filter Window' button. On the right is the 'Recipe Details' panel, which contains a form for adding a new ingredient. The form fields are: Recipe Name (Pancake), Ingredient Name (Flour), Calories (189), Food Group (Grains), Measurement Value (2), and Unit of Measurement (a dropdown menu). Below these fields is an 'Add Ingredient' button. At the bottom of the 'Recipe Details' panel, there is a table for existing ingredients and a section for adding steps.

Name	Calories	Food Group	Measurement
Flour	189	Grains	2 Cup
Milk	280	Dairy	1 Cup
Sugar	290	Carbohydrates	3 Teaspoon

Below the table, there is a 'Step' text input field, an 'Add Step' button, and a 'Steps' list area. The 'Steps' list area contains three items: 'add 1 cup of milk' (checked), 'add 2 cups of flour on the milk' (checked), and 'add 3 teaspoon of sugar on the batter' (unchecked). At the bottom of the 'Recipe Details' panel is a 'Save Recipe' button.

Adding Steps

1. Enter the step description in the **Step** textbox.
2. Click the **Add Step** button to add the step to the list.

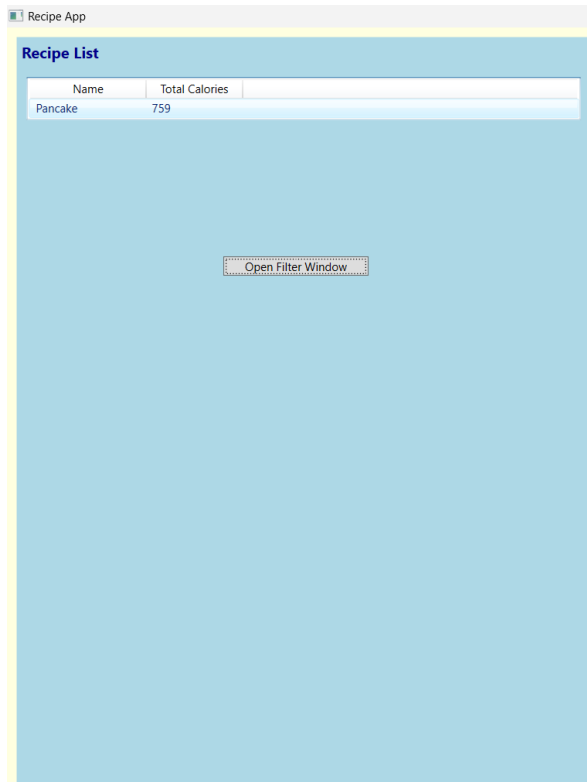
This screenshot shows the 'Recipe App' after adding a new step. The 'Recipe List' panel on the left now displays a table with one entry: 'Pancake' with '759' total calories. The 'Recipe Details' panel on the right shows the same form as before, but the 'Add Step' button has been clicked, and a new step has been added to the 'Steps' list. The 'Steps' list now contains four items: 'add 1 cup of milk' (checked), 'add 2 cups of flour on the milk' (checked), 'add 3 teaspoon of sugar on the batter' (unchecked), and a new step 'add 1 cup of milk' (checked). The 'Add Step' button is still visible below the 'Steps' list.

Name	Calories	Food Group	Measurement
Flour	189	Grains	2 Cup
Milk	280	Dairy	1 Cup
Sugar	290	Carbohydrates	3 Teaspoon

Below the table, there is a 'Step' text input field, an 'Add Step' button, and a 'Steps' list area. The 'Steps' list area contains four items: 'add 1 cup of milk' (checked), 'add 2 cups of flour on the milk' (checked), 'add 3 teaspoon of sugar on the batter' (unchecked), and a new step 'add 1 cup of milk' (checked). At the bottom of the 'Recipe Details' panel is a 'Save Recipe' button.

5. Viewing and Selecting Recipes

1. The **Recipe ListView** on the left displays all saved recipes.
2. Click on a recipe to view its details, ingredients, and steps in the "Recipe Details and Ingredients" panel.

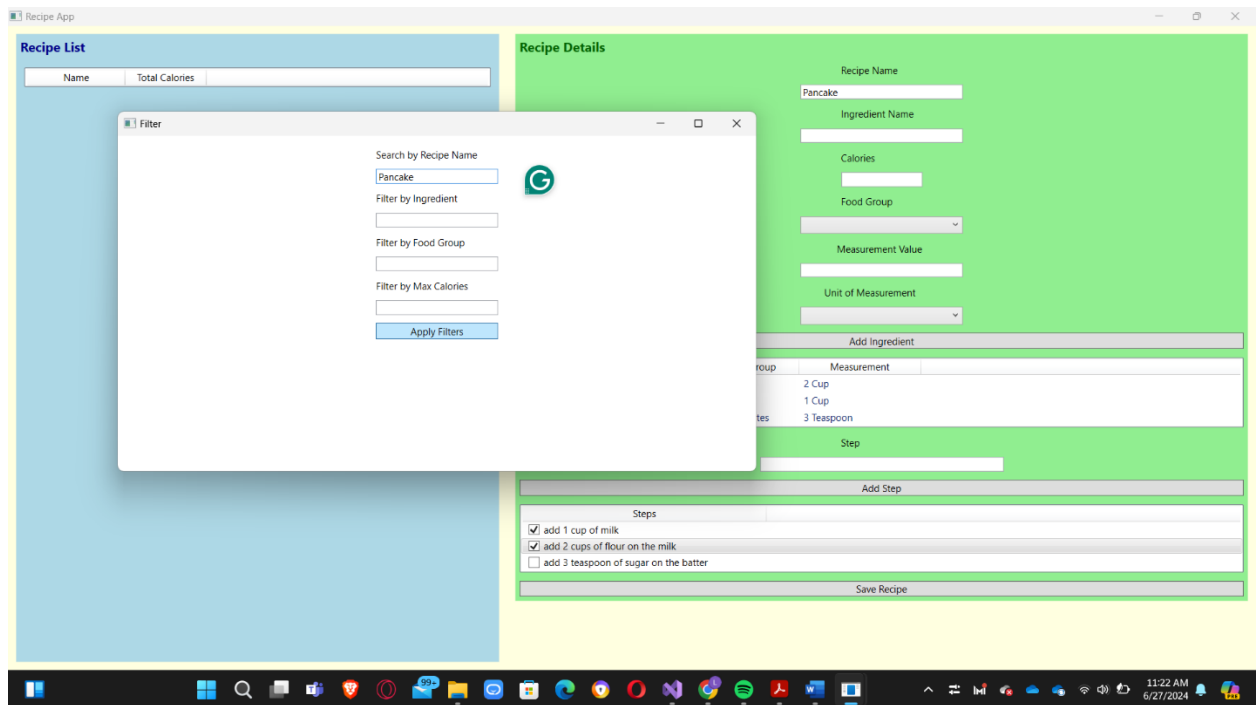


6. Saving Recipes

1. After entering all details, ingredients, and steps, click the **Save Recipe** button to save the recipe.
2. The recipe will appear in the **Recipe ListView**.

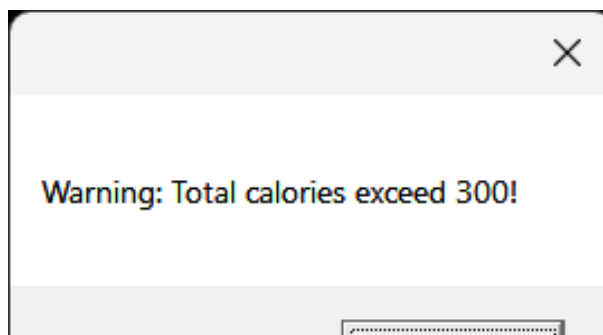
7. Filtering Recipes

1. Click the **Open Filter Window** button to open the filter window.
2. Enter filter criteria such as recipe name, ingredient, food group, or maximum calories.
3. Click **Apply Filters** to filter the recipes based on the entered criteria.



8. Warning Messages

- If the total calories of a recipe exceed 300, a warning message will be displayed.



9. Clearing Fields

1. After saving a recipe, the fields will be automatically cleared.

Tips:

- Ensure all required fields are filled before adding ingredients or steps.
- Use the filter feature to quickly find recipes based on specific criteria.

This user manual provides a concise guide to using the Recipe Application. For any additional help, please refer to the application's help section or contact support.