

USER MANUAL

For Recipe App

OVERVIEW

The Recipe App is a Windows application that allows users to create, save, and filter recipes based on ingredients, food groups, and calorie count. This user manual provides instructions on how to compile, run, and use the application.

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Compiling and Running the Application

Ensure you have Visual Studio installed on your computer.

1. Create a New Project:
 - a. Go to File > New > Project.
 - b. Select WPF App (.NET Core) and name your project
PROG_POE_PART3.
2. Add XAML and C# Code:
 - a. Replace the content of MainWindow.xaml and MainWindow.xaml.cs with
the provided code.
3. Build the Project:
 - a. Click on Build > Build Solution or press Ctrl+Shift+B.
4. Run the Application:
 - a. Click on Debug > Start Debugging or press F5.

Using the Recipe App

Main Window Layout

The main window of the Recipe App is divided into two primary sections:

- Left Panel: Contains filters for searching recipes and a list of filtered recipes.
- Right Panel: Used for viewing and entering recipe details, ingredients, and steps.
- Adding a Recipe

Enter Recipe Details:

- In the right panel, under Recipe Details, enter the name of the recipe in the Recipe Name text box.

Add Ingredients:

- Enter the ingredient name in the Name text box.
- Enter the quantity in the Quantity text box.
- Enter the unit of measure in the Unit of Measure text box.
- Enter the number of calories in the Number of Calories text box.
- Select the food group from the Food Group combo box.
- Click Add Ingredient to add the ingredient to the recipe. Repeat this step for all ingredients.

Add Steps:

Under Enter your steps:

- Enter the step description in the text box.
- Click Add Step to add the step to the recipe. Repeat this step for all steps.

Save Recipe:

- Click Save Recipe to save the recipe. A message box will confirm that the recipe has been successfully saved.
- Filtering Recipes

Apply Filters:

- In the left panel, under Filter Recipes, you can filter recipes by ingredient, food group, and maximum calories.
- Select an ingredient from the Ingredient combo box.
- Select a food group from the Food Group combo box.
- Use the Max Calories slider to set the maximum calorie count.
- Click Apply Filters to filter the recipe list based on the selected criteria.

Clear Filters:

- Click Clear Filters to reset the filters and display all recipes.
- Viewing Recipe Details

Select a Recipe from the List:

- Click on a recipe in the RecipeListBox on the left panel to view its details.
- The selected recipe's details will be displayed in the RecipeDetailsTextBlock.

Select a Recipe from the Dropdown:

- In the right panel, under Select a Recipe.
- Choose a recipe from the SelectRecipeComboBox.
- The selected recipe's details and steps will be displayed, and the steps will be shown as checkboxes.

Conclusion

This user manual provides a comprehensive guide to using the Recipe App, including compiling, running, and operating the application. The app allows you to manage your recipes efficiently by adding ingredients and steps, applying filters to search recipes, and viewing detailed information about each recipe. Enjoy using the Recipe App to organize and explore your culinary creations!