



COMPUTER SCIENCE & INFORMATION SCIENCES (APPLICATION DEVELOPMENT)

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RECEIPE MANANGER APPLICATION
USER MANUAL



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User Manual



How to Compile and Run Software



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Prerequisites

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

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User Manual Using the Recipe Manager Application

Adding a Recipe

1. Open the Application:

Launch the Recipe Manager application.



User Manual Using 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.



User Manual Using the Recipe Manager Application

1. **Save the Recipe:**

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

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Using the Recipe Manager Application

Viewing a Recipe

1. View Existing Recipes:

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



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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.



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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.

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Using the Recipe Manager Application

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.



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Using the Recipe Manager Application

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.