



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



The background is black with glowing cyan lines and squares. On the left, a vertical line of four squares is at the top, and a more complex circuit-like pattern of lines and squares is below it. On the right, a vertical line of two squares is at the top, with more circuit-like patterns below. A horizontal cyan line with circular endpoints spans the width of the text area.

Prerequisites

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



User Manual Using the Recipe Manager Application

Adding a Recipe

1. Open the Application:

Launch the Recipe Manager application.

Recipe Manager

Welcome To Talzen's Restaurant

Filter Recipes:

Ingredient:

Food Group:

Max Calories:

Recipe Name	Calories



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.

Enter Recipe Details

Recipe Name:

Ingredients:

Name:

Quantity:

Unit:

Calories:

Food Group:

Add Ingredient

Ingredients List:

Steps:

Add Step

Steps List:

Save Recipe



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.

Recipe Manager

View Recipe

Ingredient	Quantity	Unit	Calories	

Steps

Done

1

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The background features a complex network of glowing blue lines and squares, resembling a circuit board. These elements are distributed across the page, with some lines forming a grid-like pattern and others branching out. Squares of varying sizes are placed at various points along these lines, adding to the technical aesthetic.

User Manual 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.



User Manual Using the Recipe Manager Application

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.



User Manual Using the Recipe Manager Application

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.

User Manual

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.



User Manual

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.

Scale Recipe

Scale Recipe

Enter scaling factor (e.g., 0.5, 2, 3):

Scale