COMPUTER SCIENCE & INFORMATION SCIENCES
(APPLICATION DEVELOPMENT)

MATALE PETER MOLPO

RECEIPE MANANGER APPLICATION
USER MANUAL

CONTENTS OF CONTENT

How to Compile and
Run Software

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.

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.

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.