

User Manual for Recipe Manager Application

Introduction:

Welcome to the User Manual for the Recipe Manager Application. This application allows you to manage and organize your recipes in a convenient and user-friendly way. Whether you're a seasoned chef or a cooking enthusiast, this application will help you keep track of your favourite recipes, scale them according to your needs, and even create menus. This manual will guide you through the various features and functionalities of the application. Let's get started!

Table of Contents:

- 1.Installation
- 2.Getting Started
- 3.Adding a Recipe
- 4.Viewing and Scaling Recipes
- 5.Managing Multiple Recipes
- 6.Filtering and Searching Recipes
- 7.Creating Menus
- 8.Viewing Nutritional Information
- 9.Clearing and Resetting Data
- 10.Exiting the Application

Installation:

To use the Recipe Manager Application, follow these steps:

- a. Download the application installer from the provided source.
- b. Run the installer and follow the on-screen instructions.
- c. Once the installation is complete, launch the application.

Getting Started:

Upon launching the Recipe Manager Application, you will be greeted with a user-friendly graphical user interface (GUI). The main window of the application provides access to all the essential features and functionalities.

Adding a Recipe:

To add a recipe, follow these steps:

- a. Click on the "Add Recipe" button.
- b. Enter the name of the recipe.
- c. Enter the number of ingredients.
- d. For each ingredient, enter its name, quantity, unit of measurement, calories, and food group.
- e. Enter the number of steps.
- f. For each step, enter a description of what needs to be done.
- g. Click on the "Save" button to add the recipe to the application.

Viewing and Scaling Recipes:

To view and scale a recipe, follow these steps:

- a. Select a recipe from the list of available recipes.
- b. The details of the selected recipe, including ingredients and steps, will be displayed.
- c. To scale the recipe, click on the "Scale" button and choose a scaling factor (0.5, 2, or 3).
- d. The ingredient quantities will be adjusted accordingly, and the updated recipe will be displayed.

Managing Multiple Recipes:

The Recipe Manager Application allows you to manage multiple recipes efficiently.

- a. To add another recipe, follow the steps mentioned in the "Adding a Recipe" section.
- b. To view the list of all recipes, click on the "View All Recipes" button.
- c. The recipes will be displayed in alphabetical order by name.
- d. To select a recipe, simply click on its name in the list.

Filtering and Searching Recipes:

To filter and search for recipes based on specific criteria, follow these steps:

- a. Click on the "Filter/Search" button.
- b. Choose one of the filtering options: ingredient name, food group, or maximum number of calories.
- c. Enter the desired criteria in the respective fields.
- d. Click on the "Apply" button to view the filtered recipes.

Creating Menus:

The Recipe Manager Application allows you to create menus by selecting multiple recipes.

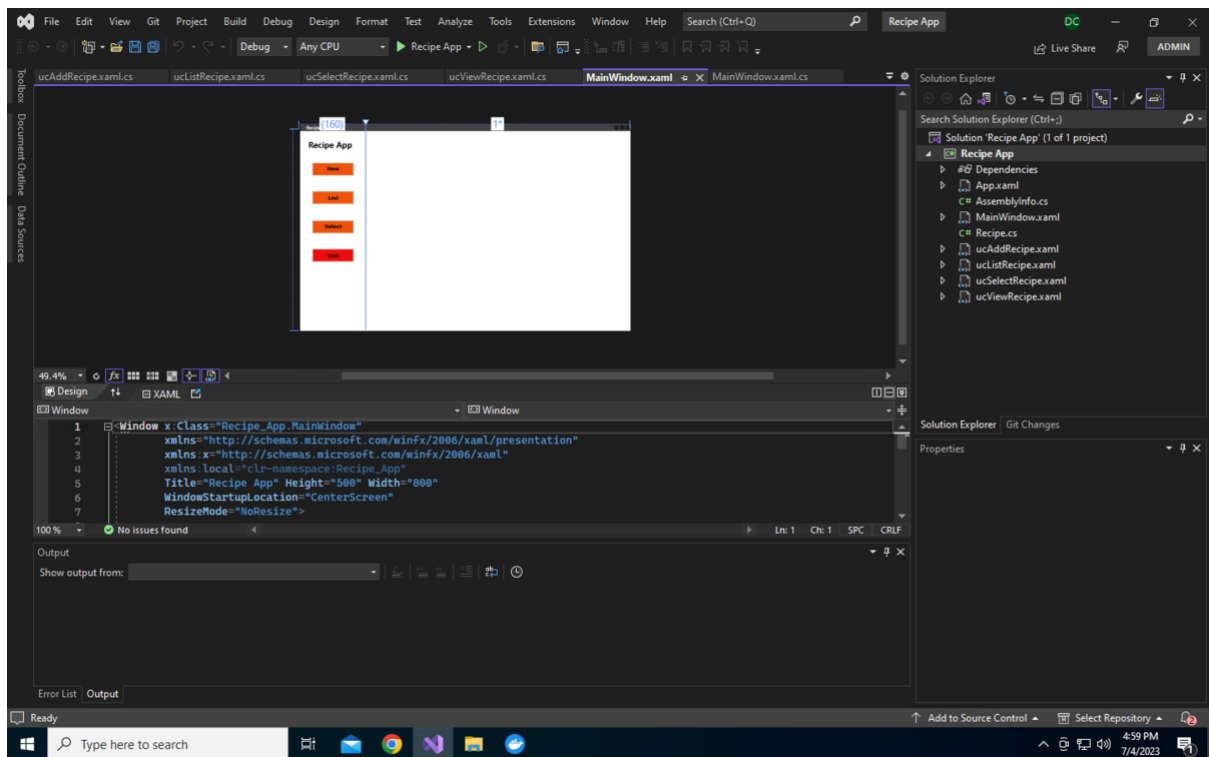
- a. To create a menu, click on the "Create Menu" button.
- b. Select the recipes you want to include in the menu by checking the corresponding checkboxes.
- c. Click on the "Generate Menu" button.
- d. A pie chart will be displayed, showing the percentage of each food group in the menu.

Viewing Nutritional Information:

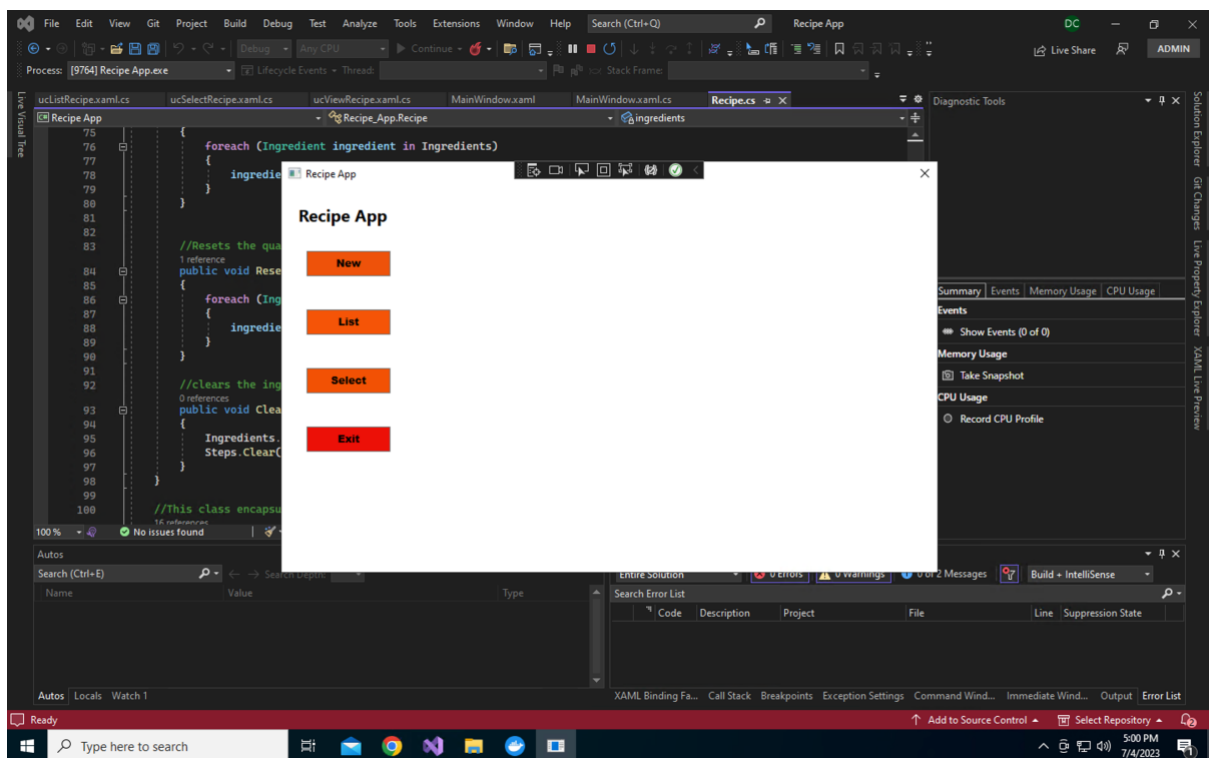
The Recipe Manager Application provides nutritional information for each recipe.

- a. To view the total calories of a recipe, select the recipe from the list or apply a filter.
- b. The total calories will be displayed alongside the recipe details.
- c. If the total calories exceed

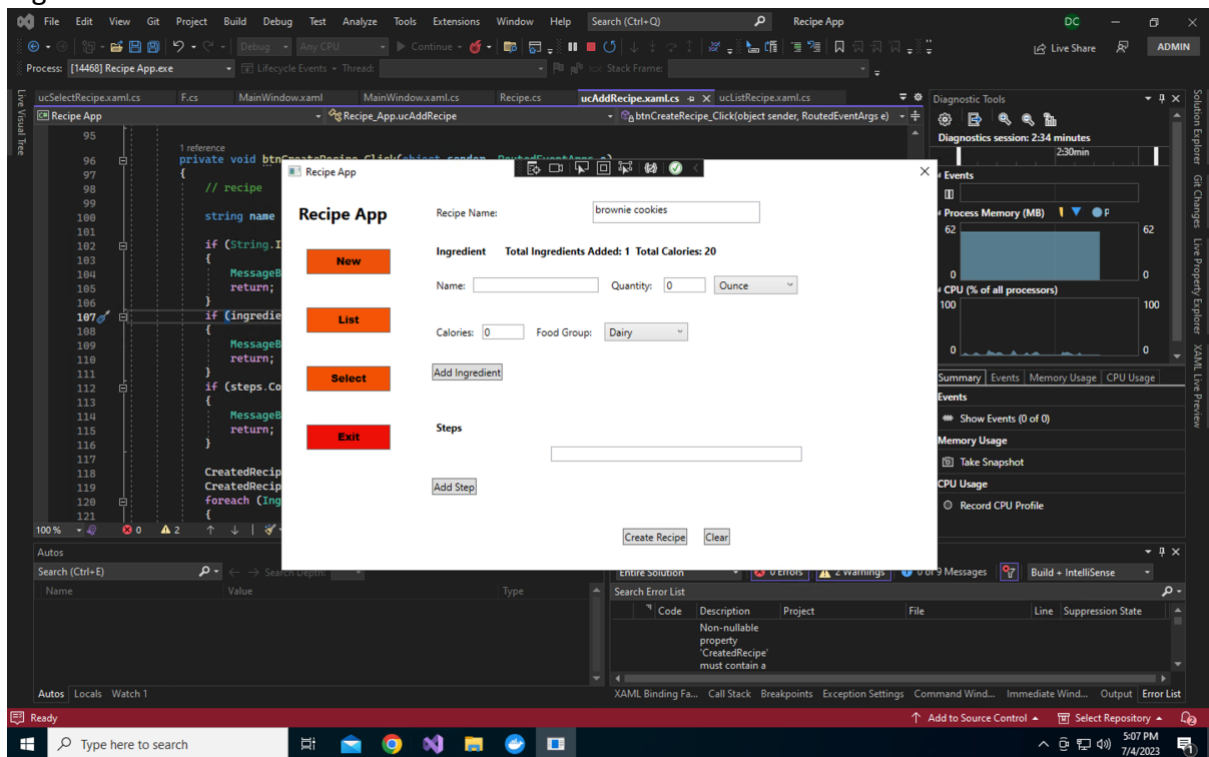
Main window:



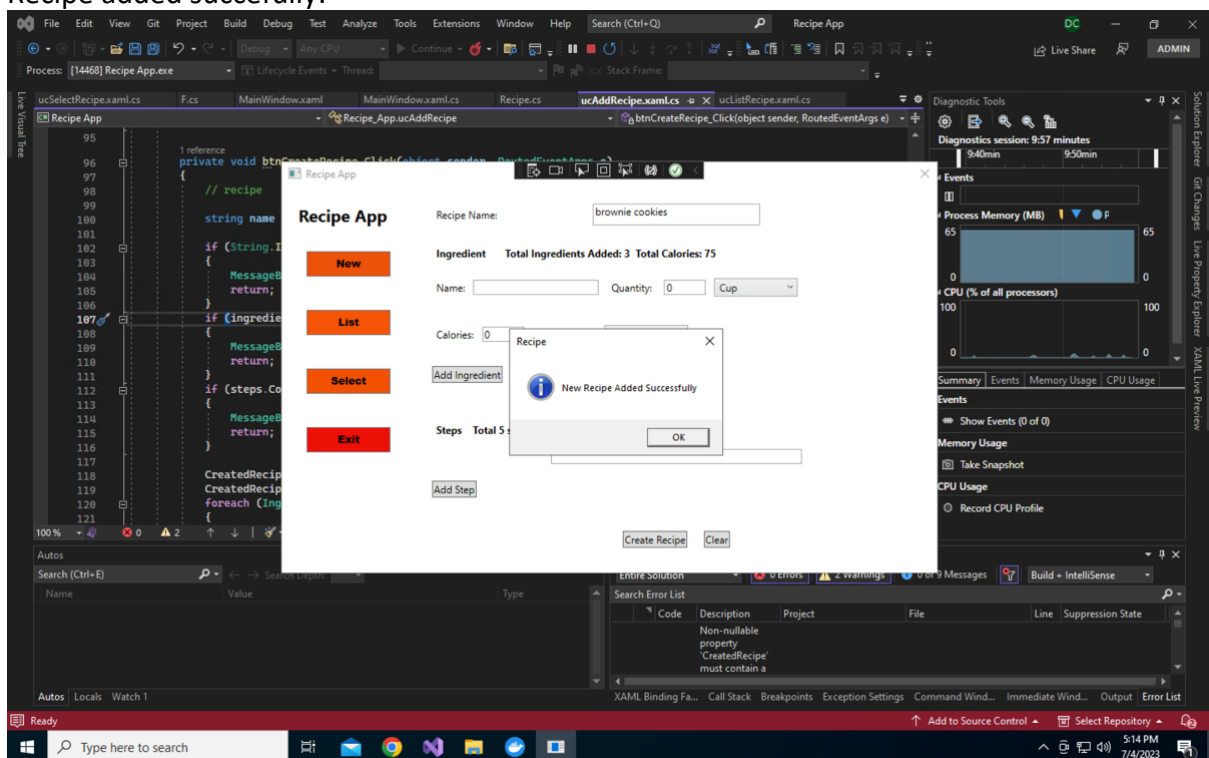
User interface:



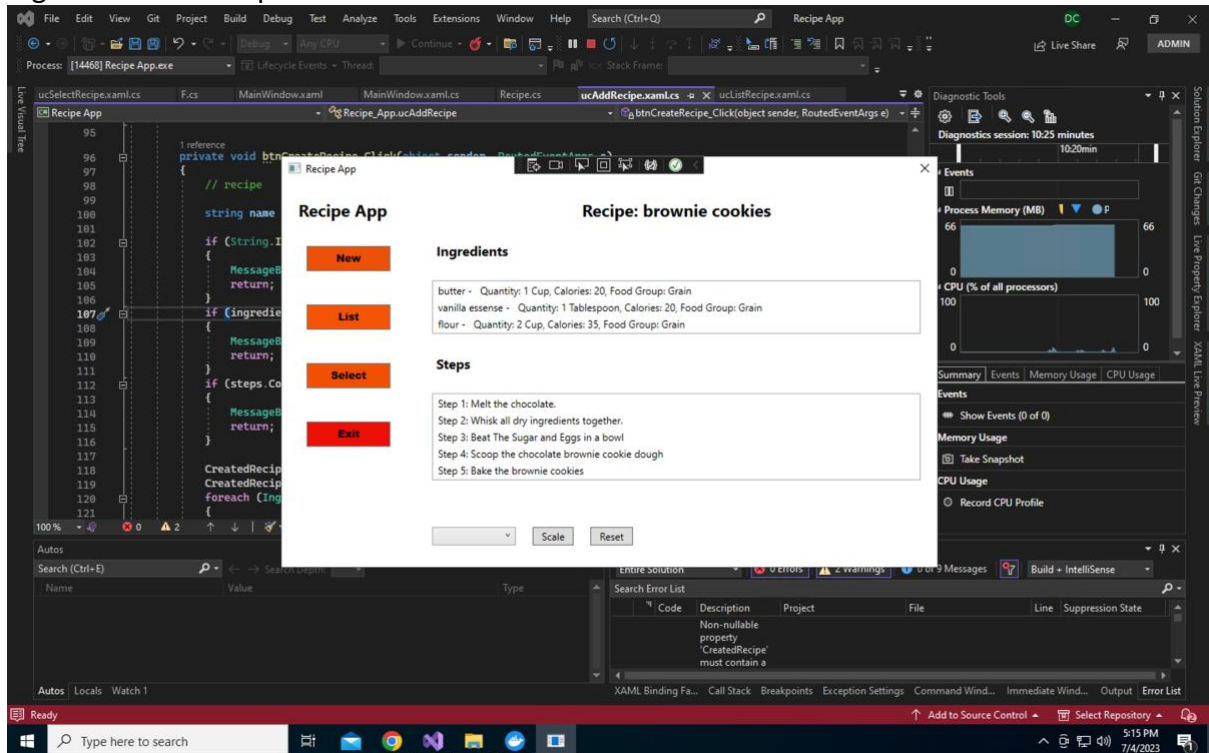
Ingredient added:



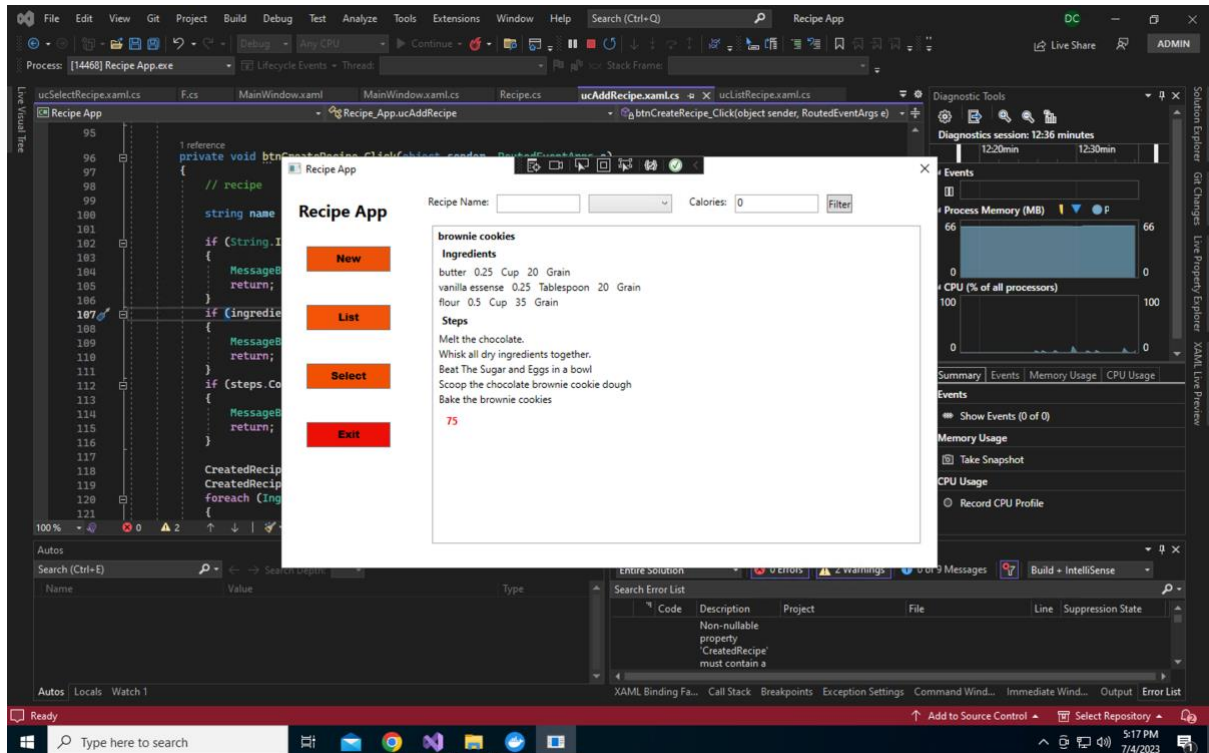
Recipe added successfully:



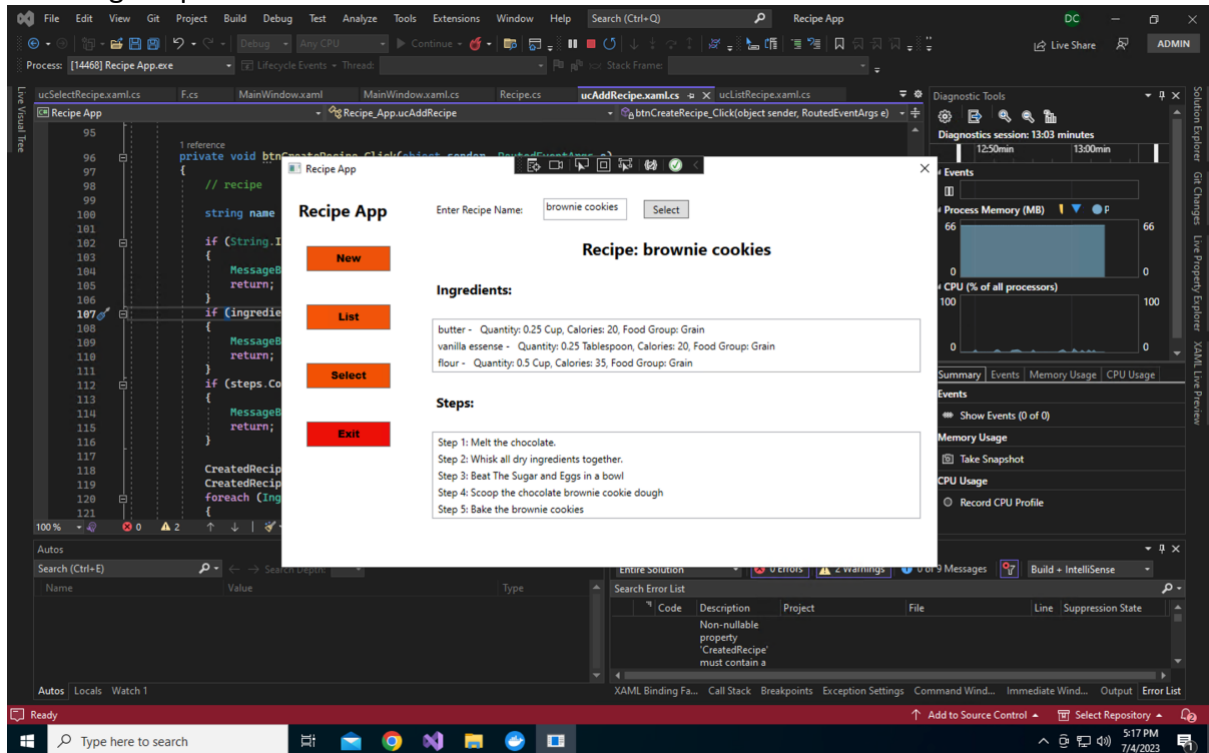
Ingredients and steps shown:



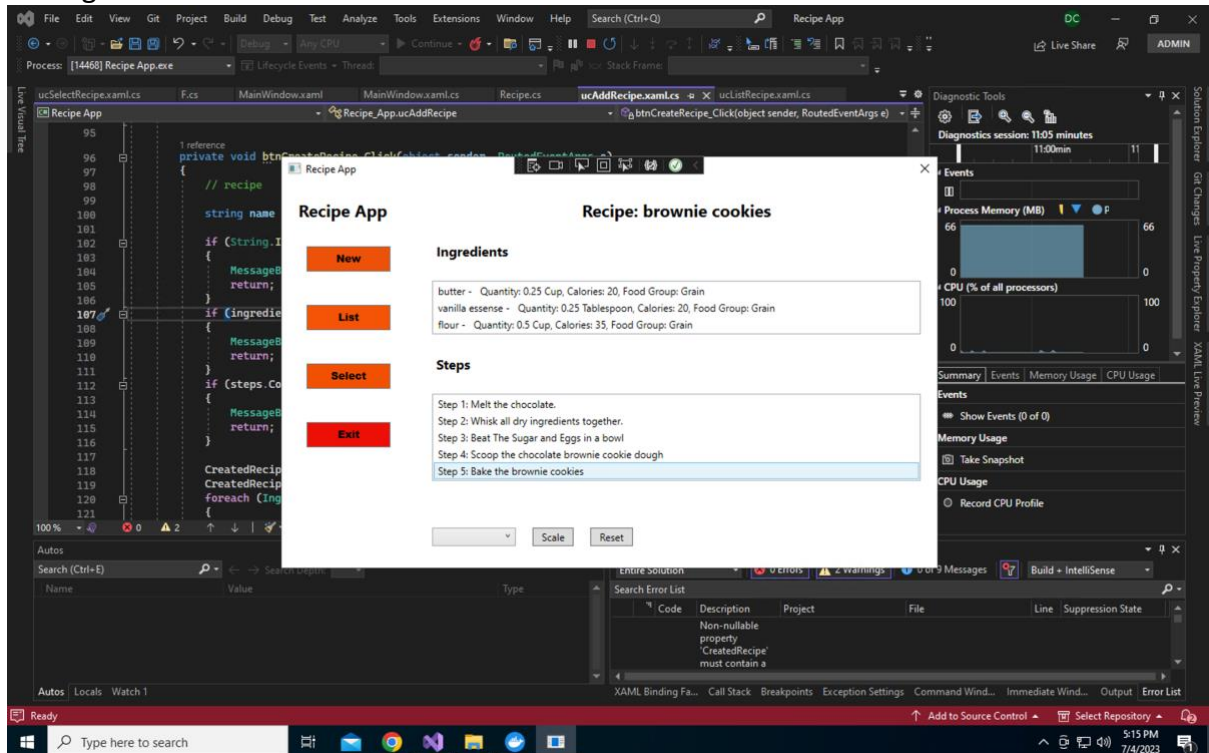
List:



Selecting recipe:



Scaling:



Exiting app:

