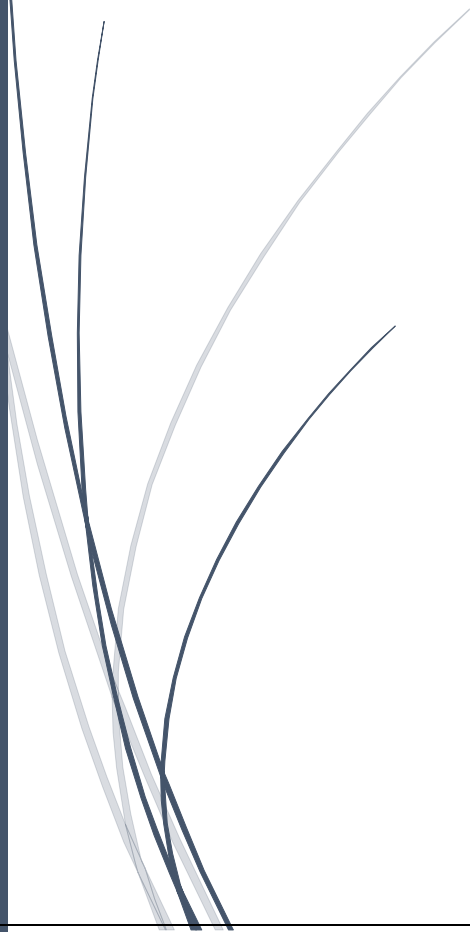


7/4/2023

PROG6221

User Manual



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Introduction to application:

This program is a recipe manager, it allows users to create and change or modify recipes.

I created this application using C# and WPF.

How to run the application:

For this program to run you will need to:

Open a window.

Navigate to where the app is located.

The app can be compiled, then ran.

An alternate method would be:

Using an IDE, such as Visual Studio. This would be simpler; you can open the project directly from the IDE.

These methods are applicable for Windows and Linux products.

Application features:

This application will allow you to create a recipe by entering a name. the amount and the measurement(unit)for each ingredient. It will also allow you to create a list of steps for the preparation of the recipe.

There is also scaling, you can scale a recipe up or down factor of (0.5,2,3).

Users can also reset the quantity of the ingredient to the original value by command.

Users can clear the recipe if you want to start over and begin again.

(Part 2) Additional Features.

Users can enter a name for their recipe.

Users can add an unlimited number of recipes.

Users can input calories.

Users can select a recipe they want to display.

User's recipes are displayed in alphabetical order.

Users get a warning if the calories exceed 300.

(POE)

Converted to WPF.

Easier to use UI.

Implemented previous features.

Hardware Requirements:

Processor: Intel Core i3 or equivalent

Memory: 4GB RAM

Storage: at least 100MB free space

Software Requirements:

Operating System: Windows 10 or later, MacOS, Linux

.NET Framework 4.7.2 or later

Recommended Specifications:

Processor: Intel Core i5 or equivalent

Memory: 8GB RAM

Storage: at least 500MB free space

The above specifications varies on the size and complexity of the recipe files which are used.

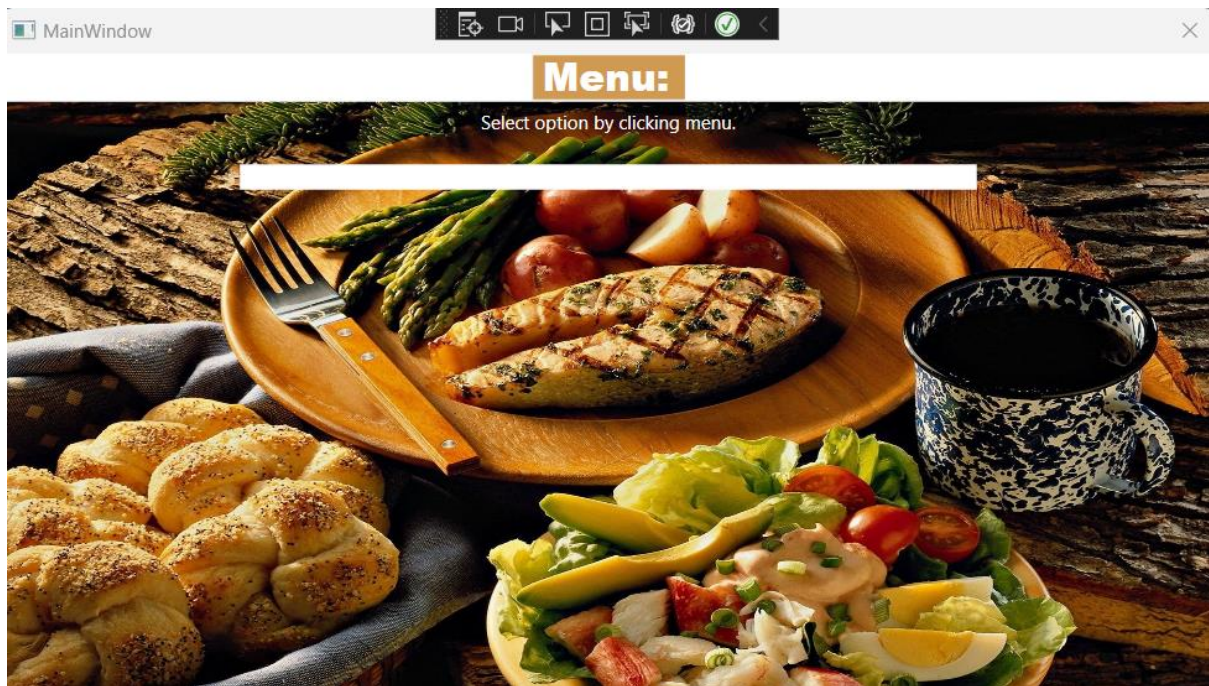
Screenshots: [User guide]

Home Page: [Welcome]



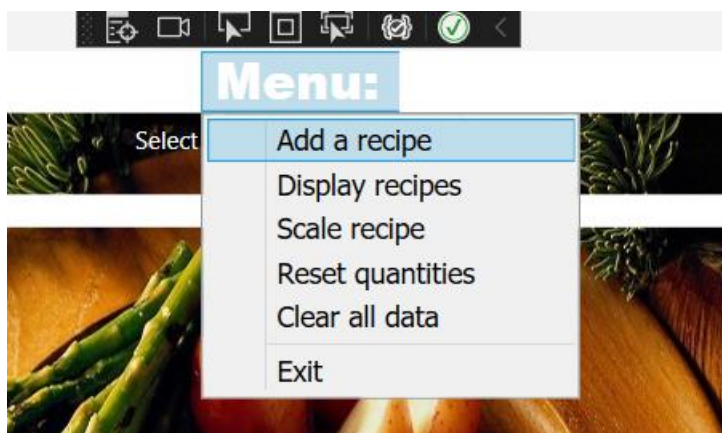
This is the home page of my recipe application; in this window you will be redirected to the main menu to select your desired choice.

Main menu:



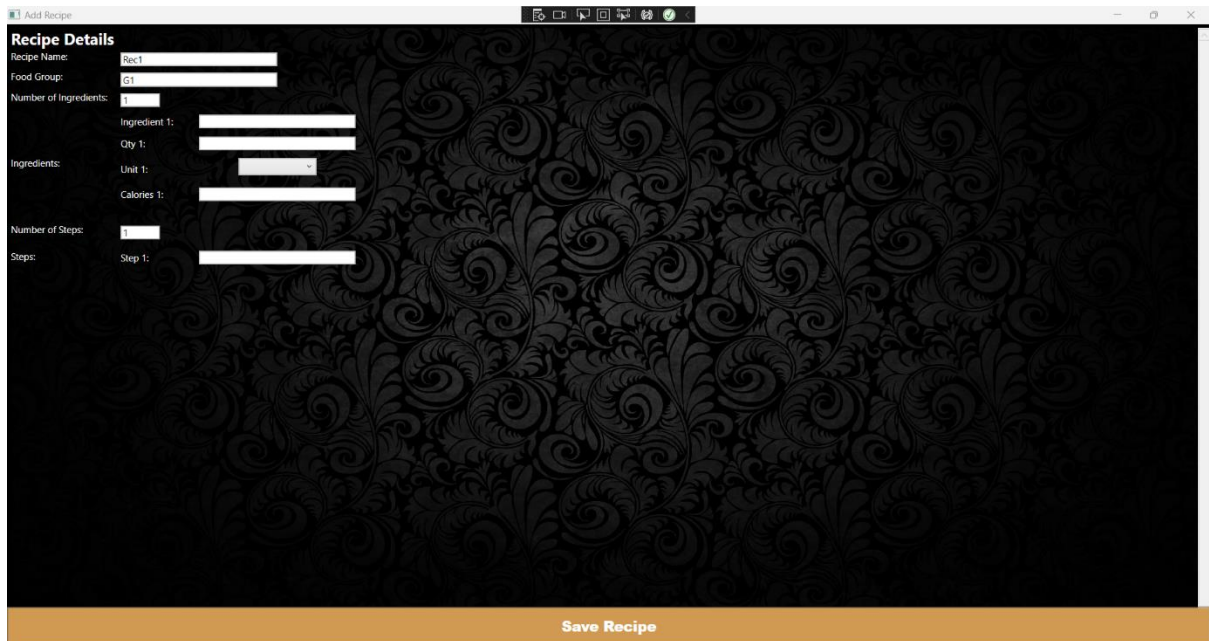
Once you have been redirected to the main menu, this is the window you will see, from here, the user will click the menu button:

Menu button options:



Once the user selects the menu button, they will be given a choice to select any of the above options available.

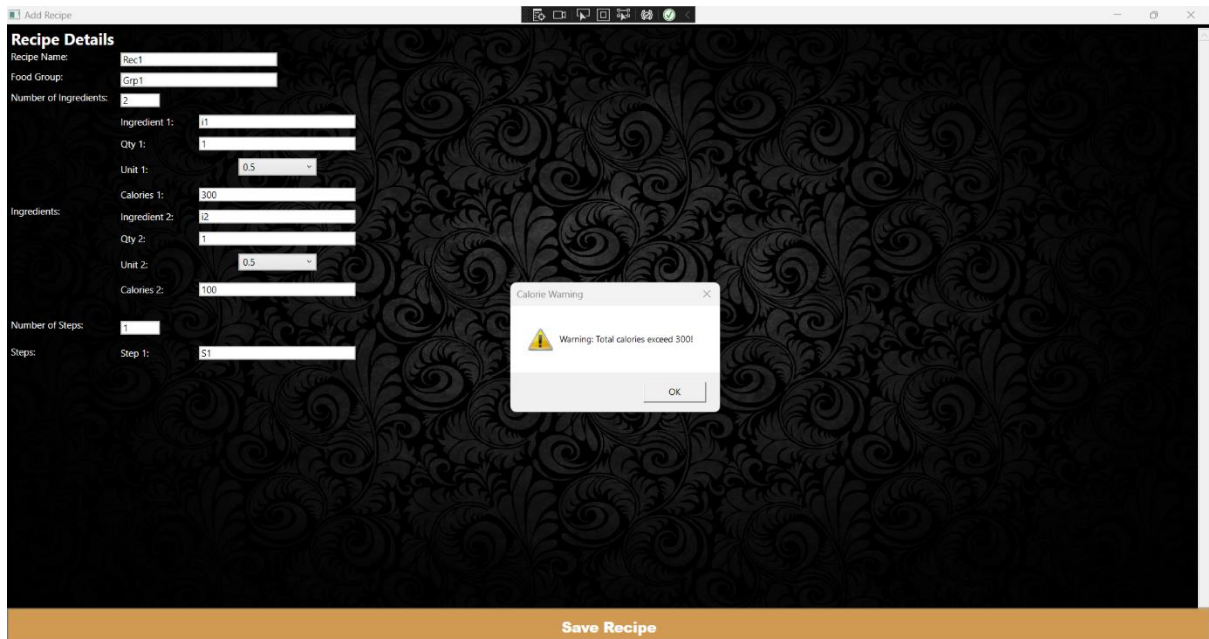
Add recipe option:



The screenshot shows a window titled "Add Recipe" with a dark, patterned background. On the left, there is a "Recipe Details" section with the following fields: "Recipe Name:" (containing "Rec1"), "Food Group:" (containing "G1"), "Number of Ingredients:" (containing "1"), "Ingredient 1:" (containing "i1"), "Qty 1:" (containing "1"), "Unit 1:" (containing "0.5"), "Calories 1:" (containing "300"), "Number of Steps:" (containing "1"), and "Step 1:" (containing "S1"). At the bottom right of the window is a "Save Recipe" button.

The user will now have the ability to input their recipe with the above options listed.

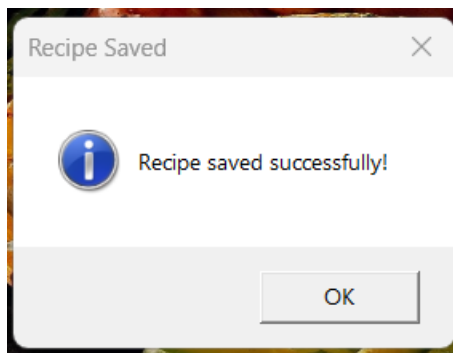
After user inputs:



The screenshot shows the same "Add Recipe" window as before, but with a "Calorie Warning" dialog box open in the center. The dialog box has a yellow warning icon and the text "Warning: Total calories exceed 300!". There is an "OK" button at the bottom of the dialog box. The "Recipe Details" section in the background is now filled with the user's input: "Recipe Name:" (Rec1), "Food Group:" (Gp1), "Number of Ingredients:" (2), "Ingredient 1:" (i1), "Qty 1:" (1), "Unit 1:" (0.5), "Calories 1:" (300), "Ingredient 2:" (i2), "Qty 2:" (1), "Unit 2:" (0.5), "Calories 2:" (100), "Number of Steps:" (1), and "Step 1:" (S1). The "Save Recipe" button is still visible at the bottom right.

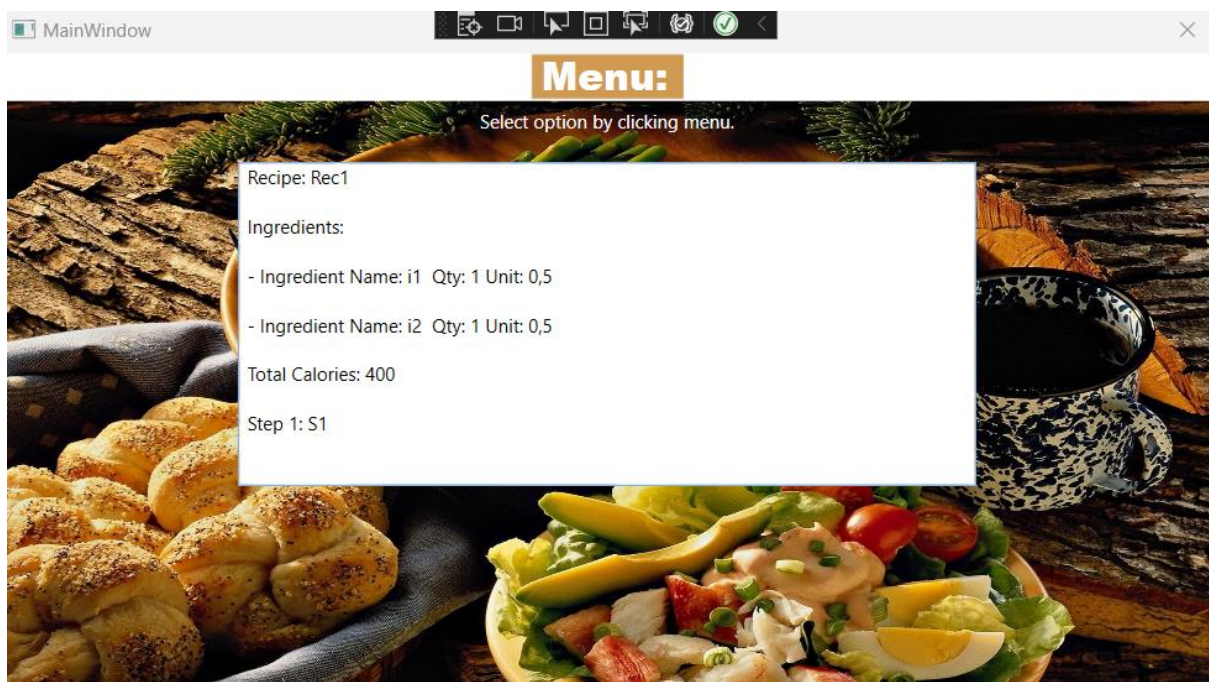
Once the user inputs their recipe, if the total calories > 300 they will receive a warning.

Users save:



The recipe inputs are successfully saved, once the save button is clicked.

The user can then view their saved recipe under the option from the main menu [View Recipe]:



These are my available options for my recipe application, and how to go about running the application, this user manual includes all the necessary details to successfully guide a user to use the application.

Note: Once the user exits the application, previous saved data is cleared.

Exit option located in Main Menu window.