

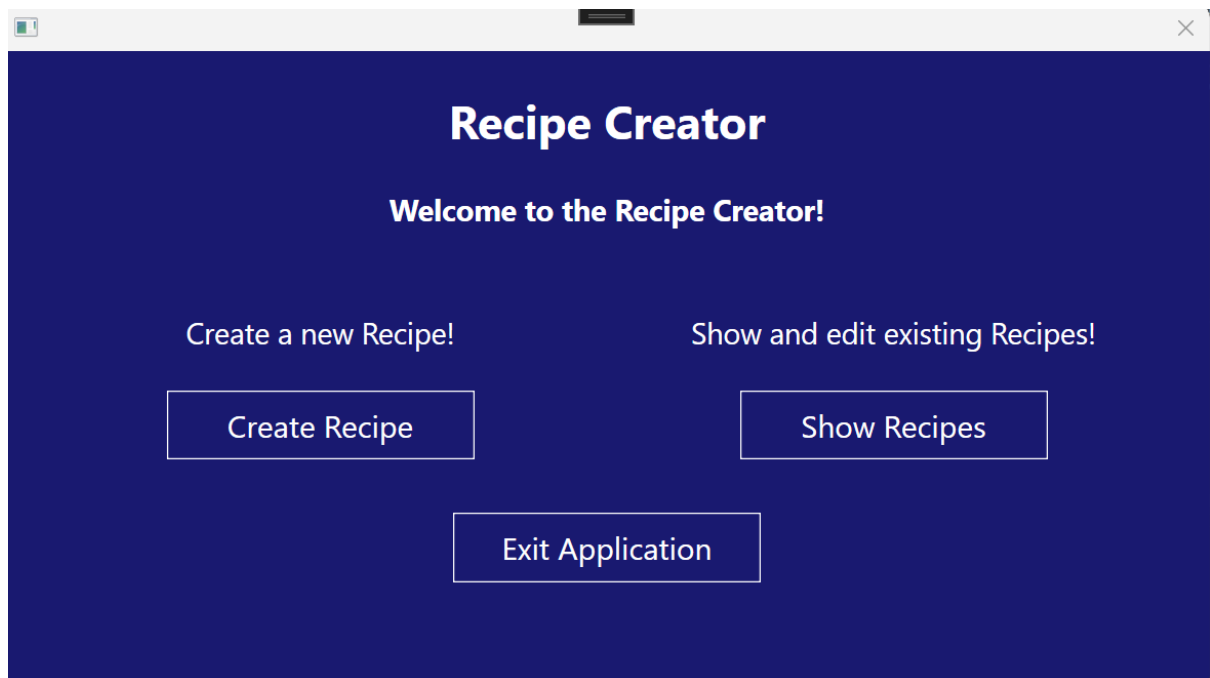
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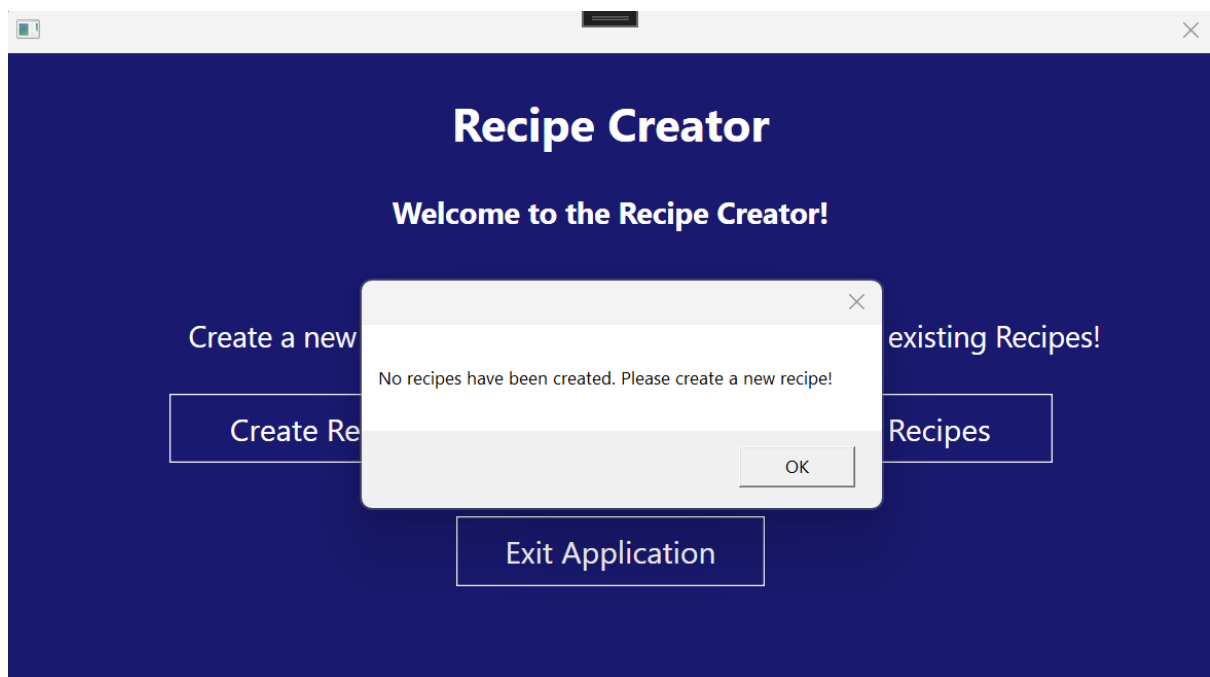
Recipe Creator User Manual

Running and opening the application

When opening the application you will be met with a screen with a few buttons:



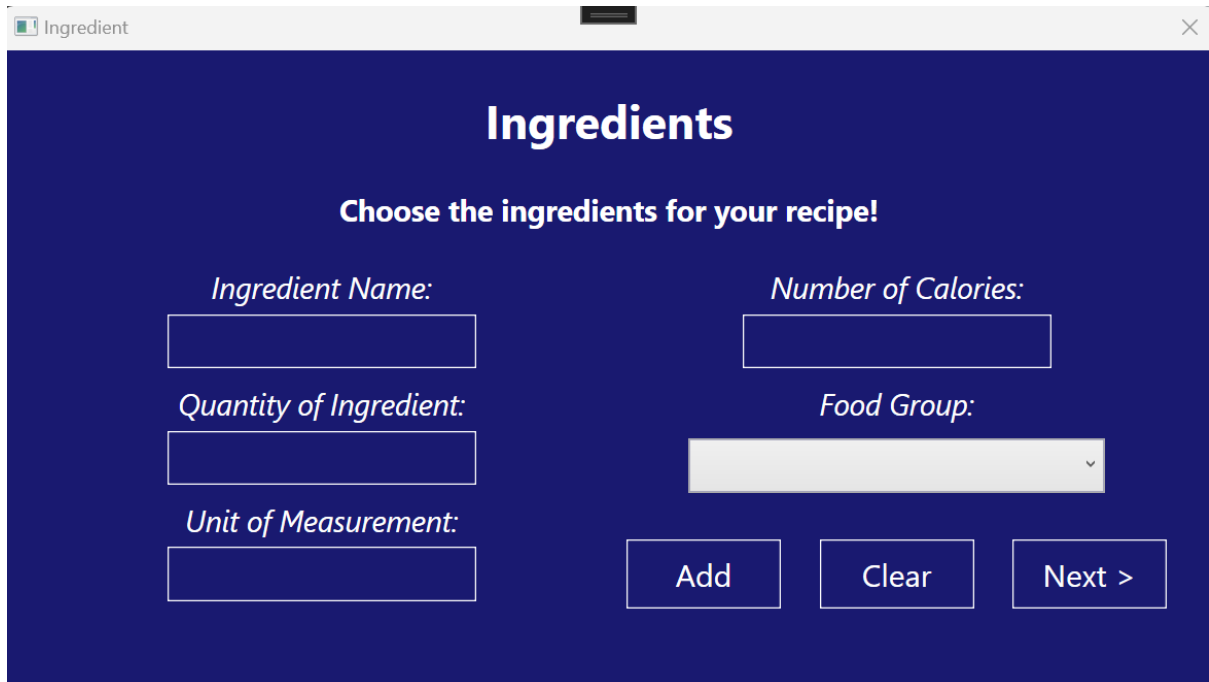
There are three button that the user can interact with, "Create Recipe" which will allow the user to create a recipe, "Show Recipes" which will allow the user to show and edit recipes and the "Exit Application" which will close the application.



If the user selects “Show Recipes” prior to creating any recipes the program will let the user know to create a recipe.

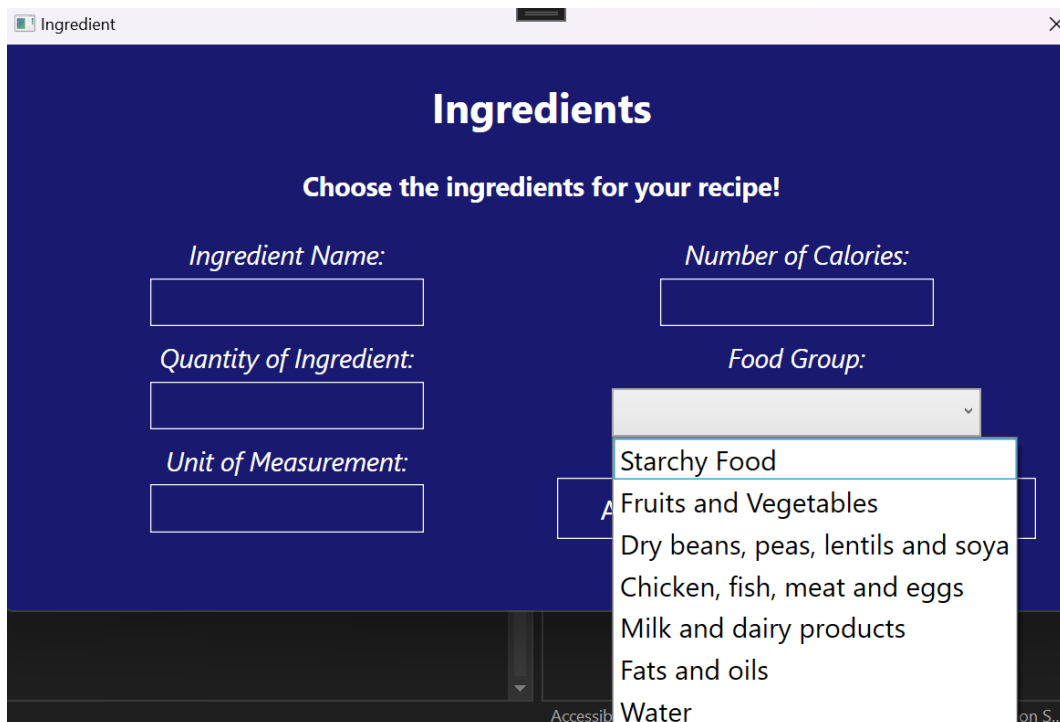
Ingredients Window

When the user selects “Create Recipe” it will then display the next window which will allow the user to enter the ingredient name, quantity, unit of measurement, number of calories and the food group.



The screenshot shows a window titled "Ingredient" with a dark blue background. The main heading is "Ingredients" in white. Below it is the instruction "Choose the ingredients for your recipe!". There are five input fields arranged in two columns. The left column has three text boxes labeled "Ingredient Name:", "Quantity of Ingredient:", and "Unit of Measurement:". The right column has one text box labeled "Number of Calories:" and one dropdown menu labeled "Food Group:". At the bottom right, there are three buttons: "Add", "Clear", and "Next >".

The user will be able to type in all text boxes for the ingredient name, quantity of ingredient, unit of measurement and number of calories. The food groups are kept in a drop down menu, allowing the user to select an option:



This screenshot shows the same "Ingredients" window as before, but with the "Food Group:" dropdown menu open. The dropdown list contains the following options: "Starchy Food", "Fruits and Vegetables", "Dry beans, peas, lentils and soya", "Chicken, fish, meat and eggs", "Milk and dairy products", "Fats and oils", and "Water". The window title bar shows "Ingredient" and "Accessibility" options.

The user will need to fill in all text boxes before they can add an ingredient by clicking the “Add” button, if all boxes have not been filled in then the application will notify the user:

The screenshot shows a web application window titled "Ingredient". The main heading is "Ingredients" in white on a dark blue background. Below it is the instruction "Choose the ingredients for your recipe!". The form contains four input fields: "Ingredient Name:" with the value "Flour", "Quantity of Ingredient:" with the value "200", "Unit of Measurement:" with the value "Grams", and "Number of Calories:" which is empty. There is also a "Food Group:" dropdown menu. At the bottom are three buttons: "Add", "Clear", and "Next >". A white modal dialog box is centered over the form with the text "Please make sure all boxes have been filled in!" and an "OK" button.

The user will be notified once the ingredient has been successfully entered:

This screenshot shows the same "Ingredient" application window. In this state, the "Number of Calories:" field now contains the value "23". The "Food Group:" dropdown menu is set to "Any Food". The "Add" button is highlighted. A white modal dialog box is displayed in the center with the message "Ingredient successfully added!" and an "OK" button.

The user will also be notified once they press the clear button which will clear all text boxes:

The 'Ingredient' window has a dark blue background. At the top, it says 'Ingredients' in large white text, followed by 'Choose the ingredients for your recipe!' in smaller white text. The form contains four input fields: 'Ingredient Name:', 'Number of Calories:', 'Quantity of Ingredient:', and 'Food Group:'. Below these are three buttons: 'Add', 'Clear', and 'Next >'. A modal dialog box is open in the center, displaying the message 'Ingredient has been cleared!' with an 'OK' button.

Steps Window

Once the user has specified their ingredients, they can click the “Next” button to move onto the Steps window which will allow the user to create the steps to their recipe:

The 'Steps' window has a dark blue background. At the top, it says 'Steps' in large white text, followed by 'Create the steps for your recipe!' in smaller white text. Below this is a instruction: 'Type a step then Click Add to add the step to the recipe'. There is a large text input field for the step. Below the input field are two buttons: 'Add' and 'Clear'. Further down, it says 'Name your recipe!' followed by a text input field for the recipe name. At the bottom is a button labeled 'Create Recipe'.

The user will need to type the step in the textbox then click on the Add button to add the step to the recipe:

Recipe

×

Steps

Create the steps for your recipe!

Type a step then Click Add to add the step to the recipe

Add Flour

×

Step has been added!

OK

A

Create Recipe

Once the user has created enough steps they can name the recipe and then create the recipe:

Recipe

×

Steps

Create the steps for your recipe!

Type a step then Click Add to add the step to the recipe

AddClear

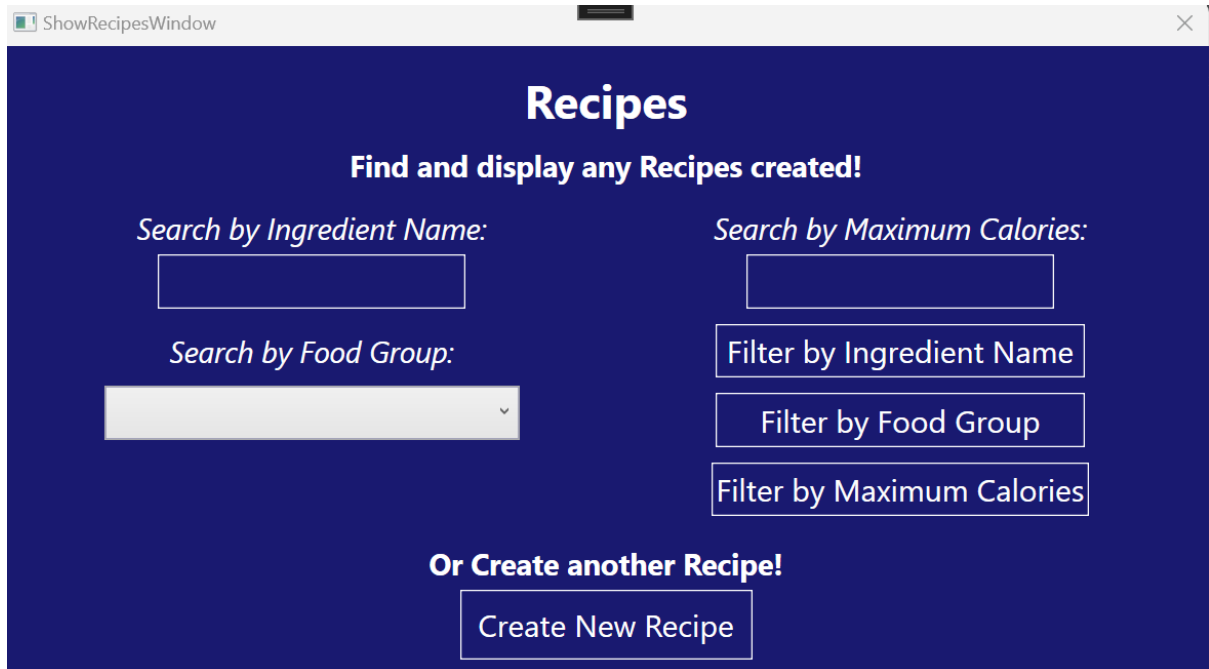
Name your recipe!

Cakes

Create Recipe

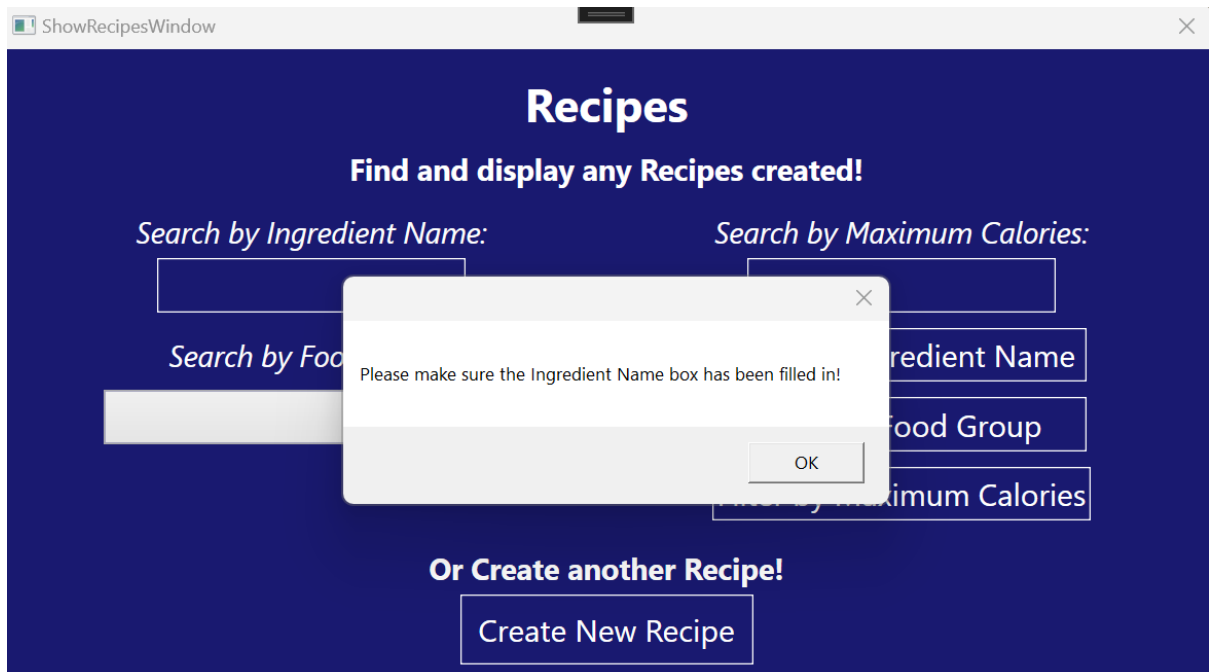
Recipes Window

Once the user clicks the “Create Recipe” button, it will take the user to the Recipes Window where the user can filter the recipes and create new recipes if they would like:



The screenshot shows a window titled "ShowRecipesWindow" with a dark blue background. At the top, the word "Recipes" is displayed in large white font, followed by the instruction "Find and display any Recipes created!". Below this, there are three search options: "Search by Ingredient Name:" with a text input box, "Search by Maximum Calories:" with a text input box, and "Search by Food Group:" with a dropdown menu. To the right of these are three filter buttons: "Filter by Ingredient Name", "Filter by Food Group", and "Filter by Maximum Calories". At the bottom, there is a section titled "Or Create another Recipe!" with a "Create New Recipe" button.

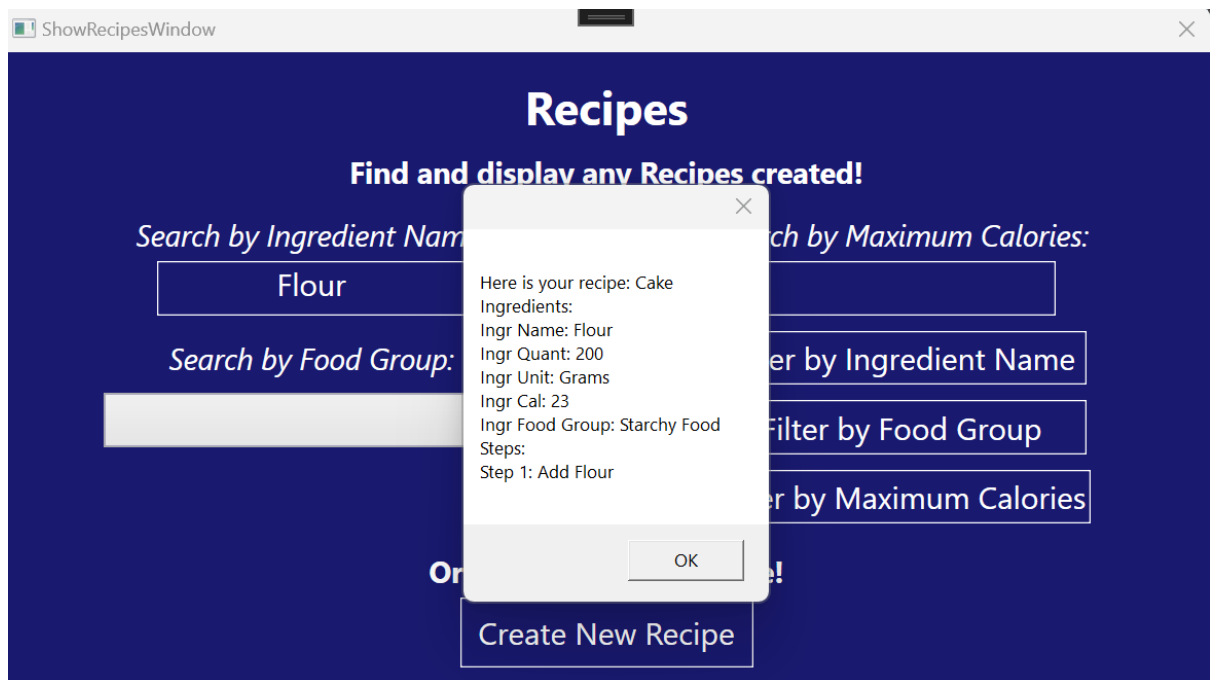
The user can choose whether to filter their recipes by ingredient name, by food group or by the maximum amount of calories. The user will need to select and fill in one of the textboxes and click on the respective filter to search for that recipe:



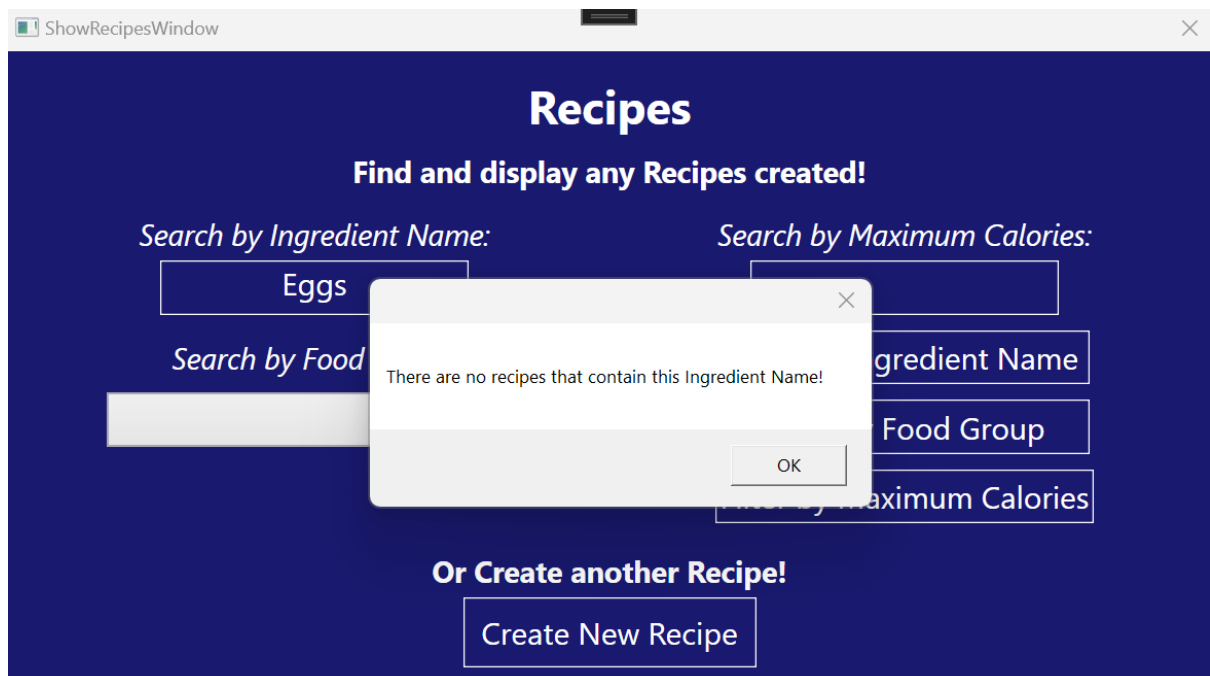
This screenshot shows the same "Recipes" window as before, but with an error dialog box overlaid in the center. The dialog box has a white background and a close button (X) in the top right corner. It contains the text "Please make sure the Ingredient Name box has been filled in!" and an "OK" button at the bottom right. The background interface elements are partially obscured by the dialog box.

If the user selects a filter without typing in the textbox then the application will let the user know to enter something in the textbox.

Once the user puts in a value that can be found then the program will display that recipe with the recipe name, ingredients and steps:



If the user searches for something that does not exist, the program will tell the user that there is no recipe with that ingredient name, food group or maximum amount of calories:



The user can then choose to create another recipe, which they can do by clicking the “Create New Recipe” button at the bottom of the window. This will take the user back to the ingredient window allowing them to create a new recipe.