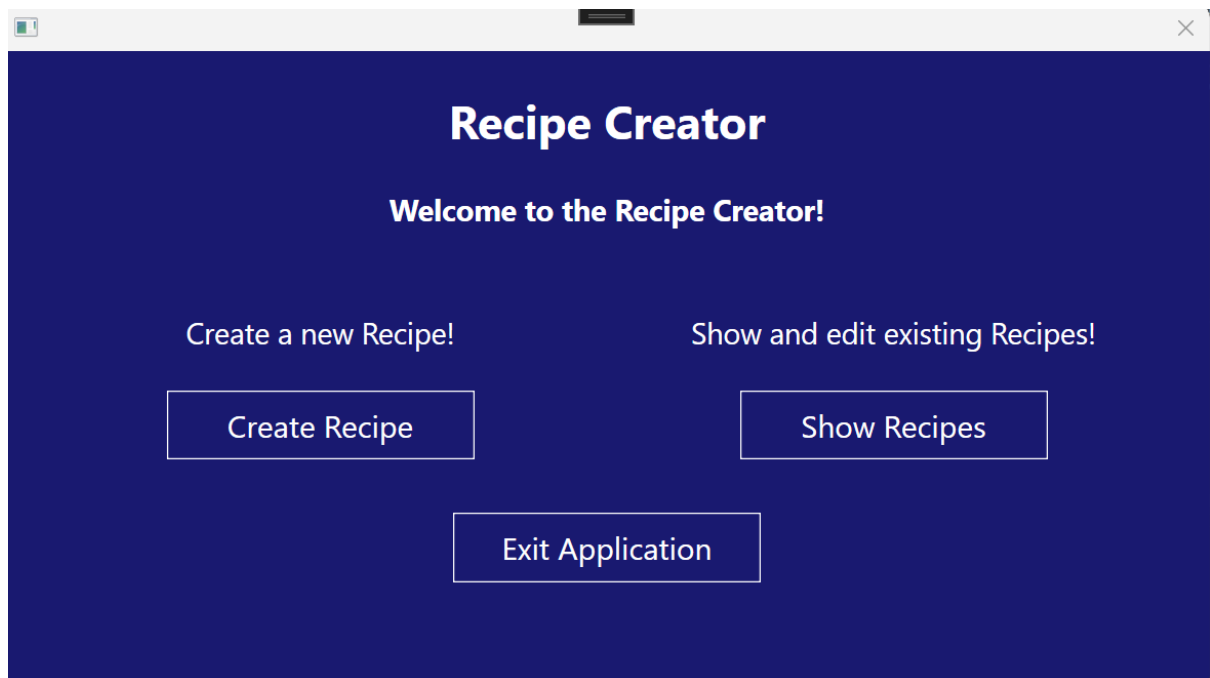PROG6221 POE Final

ST10044686

Recipe Creator User Manual

Running and opening the application

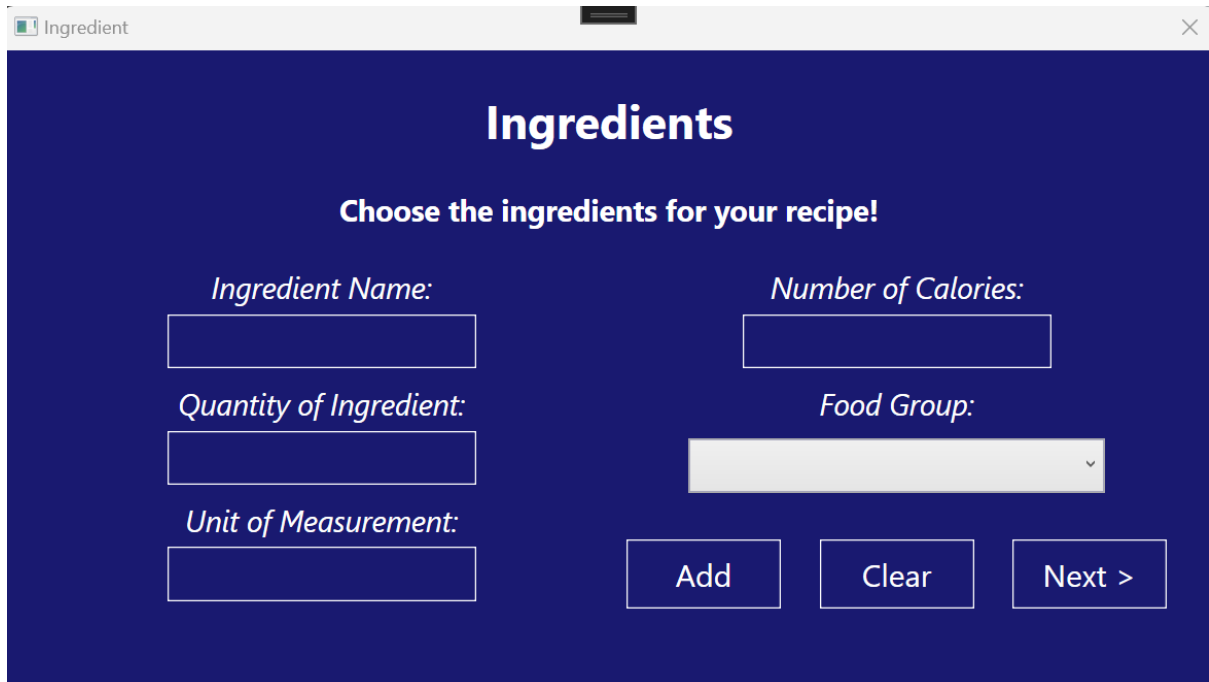When opening the application you will be met with a screen with a few buttons:

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.
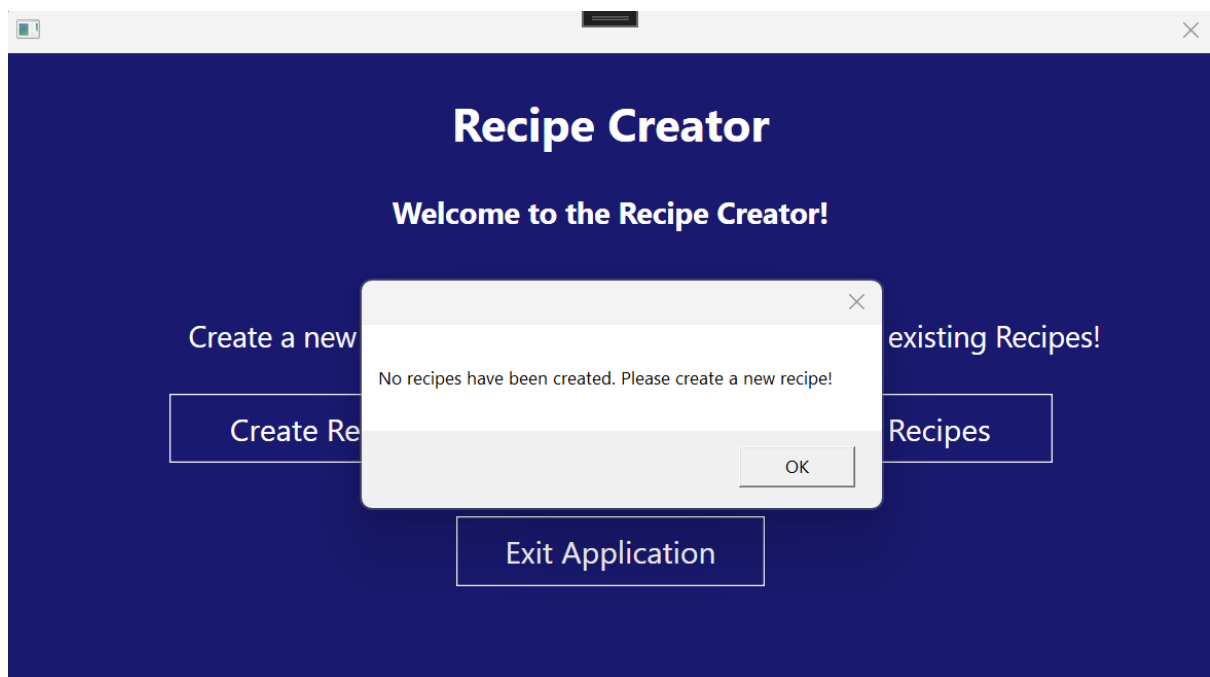
If the user selects "Show Recipes" prior to creating any recipes the program will let the user know to create a recipe.
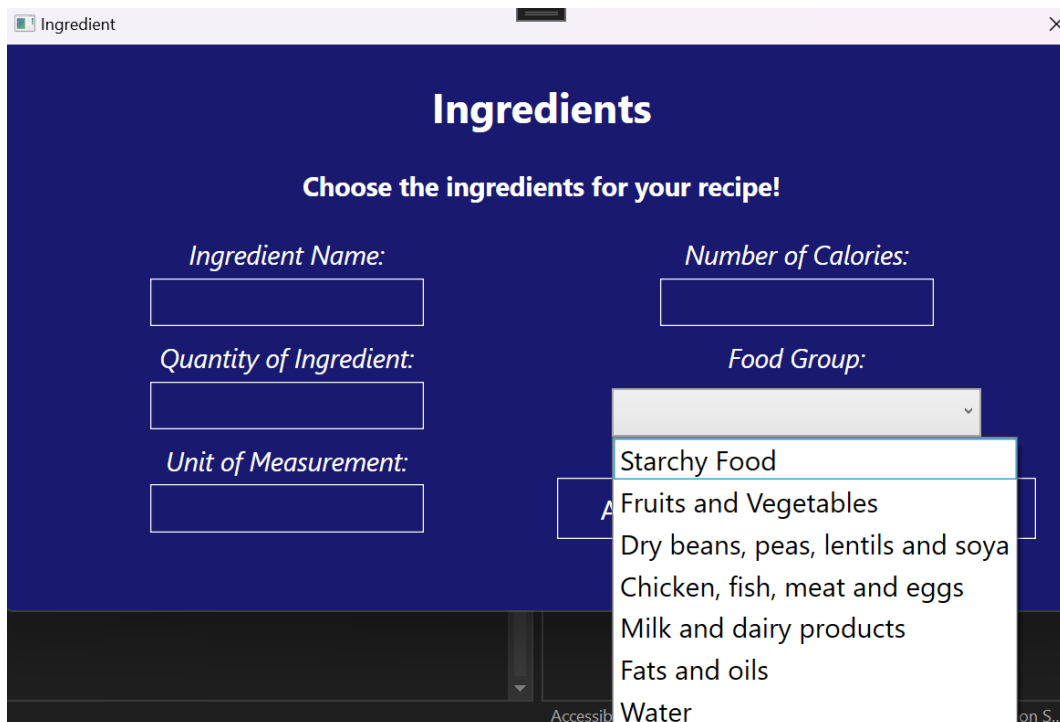
Ingredients Window

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 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:

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

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

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 user will need to type the step in the textbox then click on the Add button to add the step to the recipe:
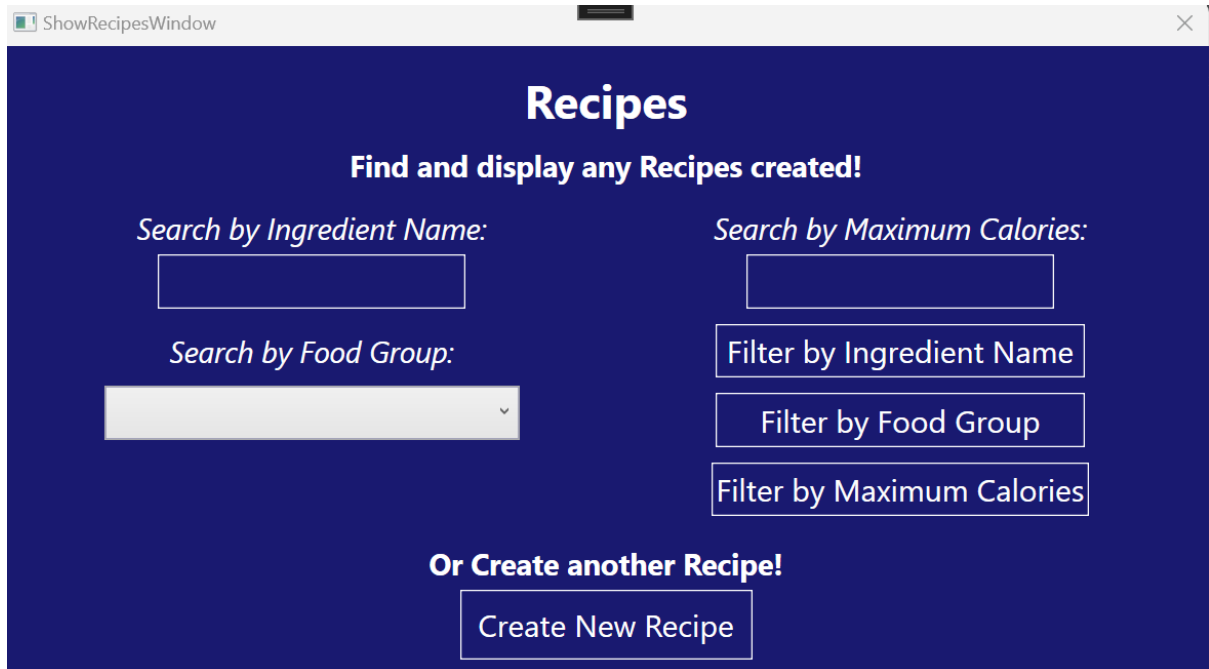
Once the user has created enough steps they can name the recipe and then create the recipe:
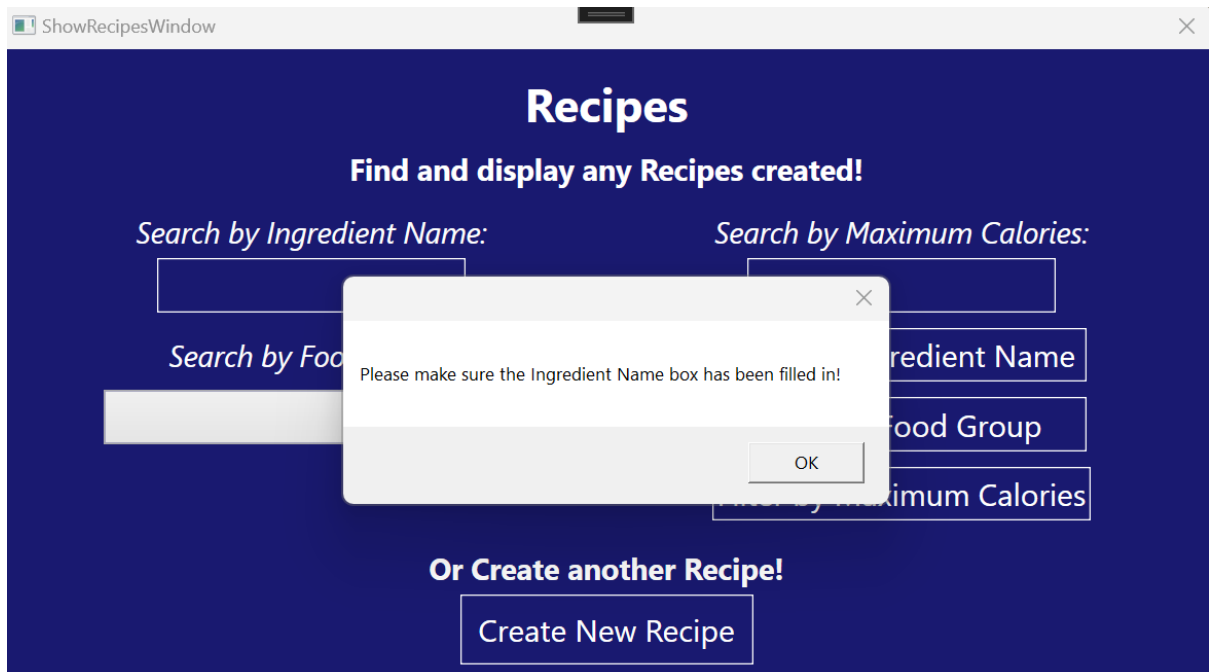
Recipes Window

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 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:


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:
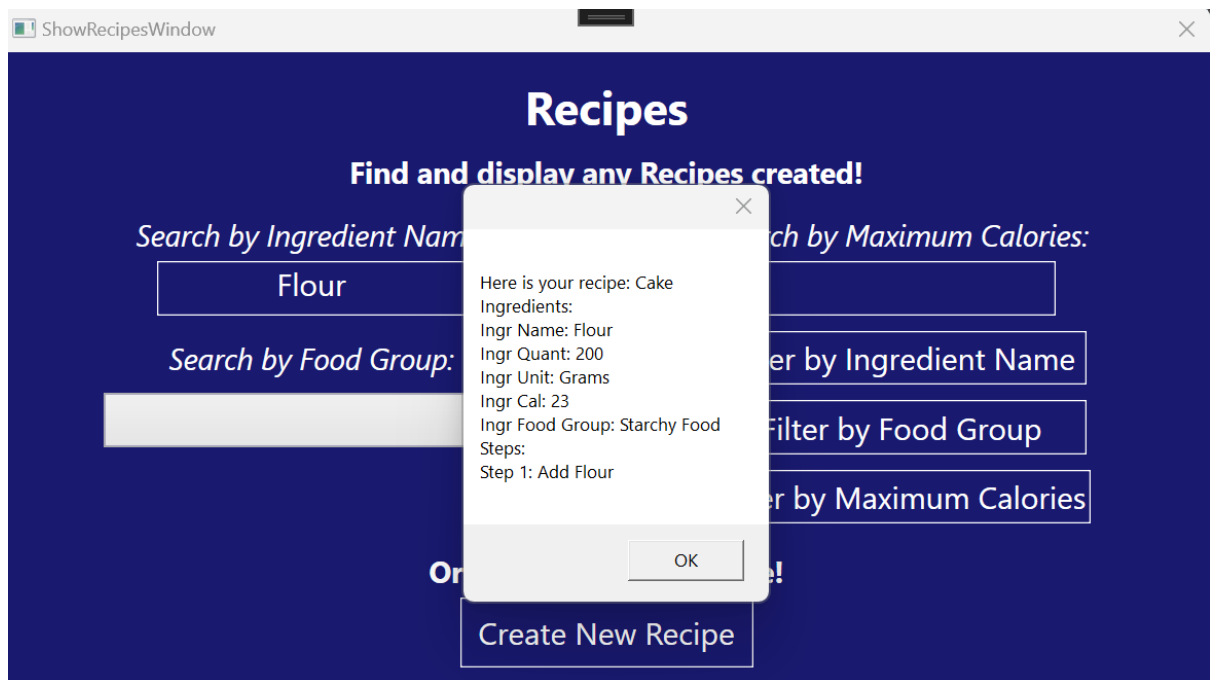
If the user searches for something that does not exist, the program will tell the user that there is no recipe with that ingredient name, food group or maximum amount of calories:
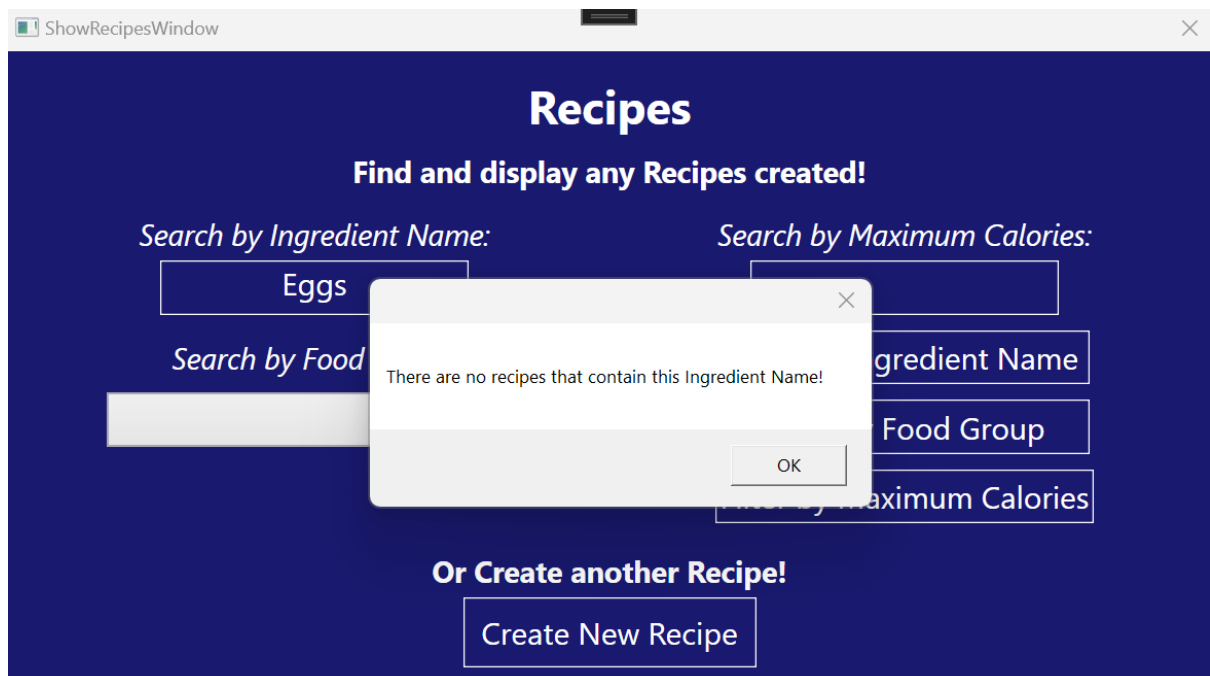
The user can then choose to create another recipe, which they can do by clicking the "Create New Recipe" button at the bottom of the window. This will take the user back to the ingredient window allowing them to create a new recipe.