

PROG6221 POE

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I hereby declare that I did not plagiarise the content of this assignment and that this is my own work.

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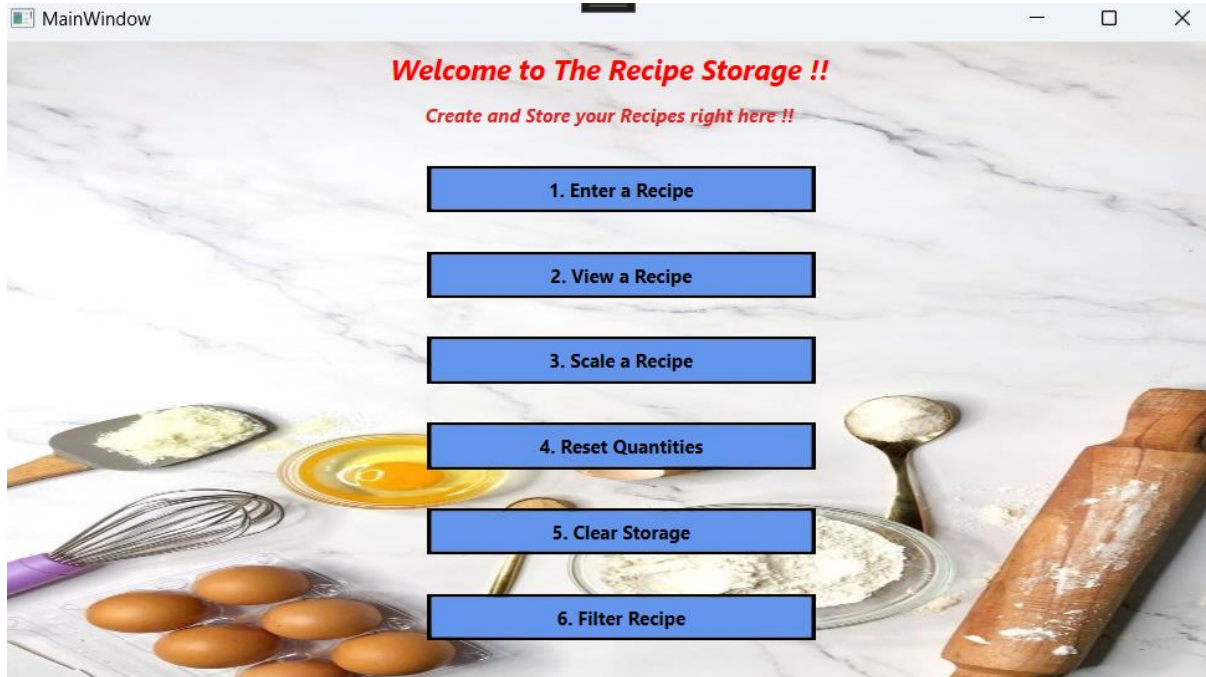
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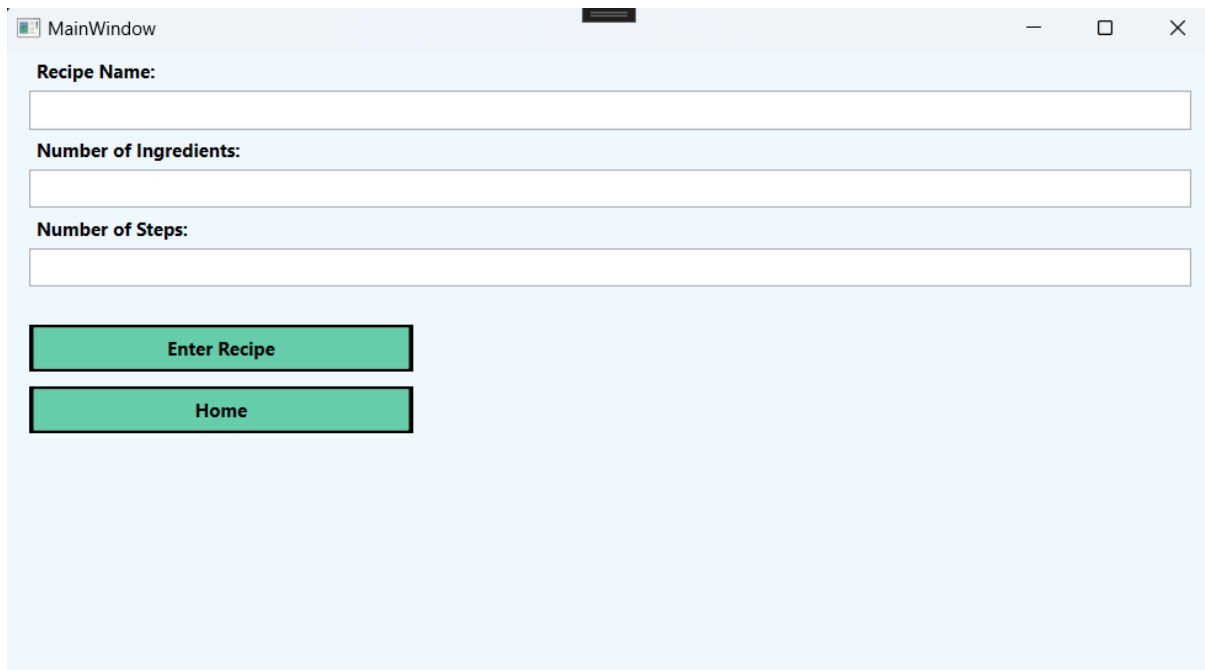
## 1 THE RECIPE STORAGE

This is a short user manual taking you through the processes/functions provided by this program and how to make use of them.

## 2 THE MENU

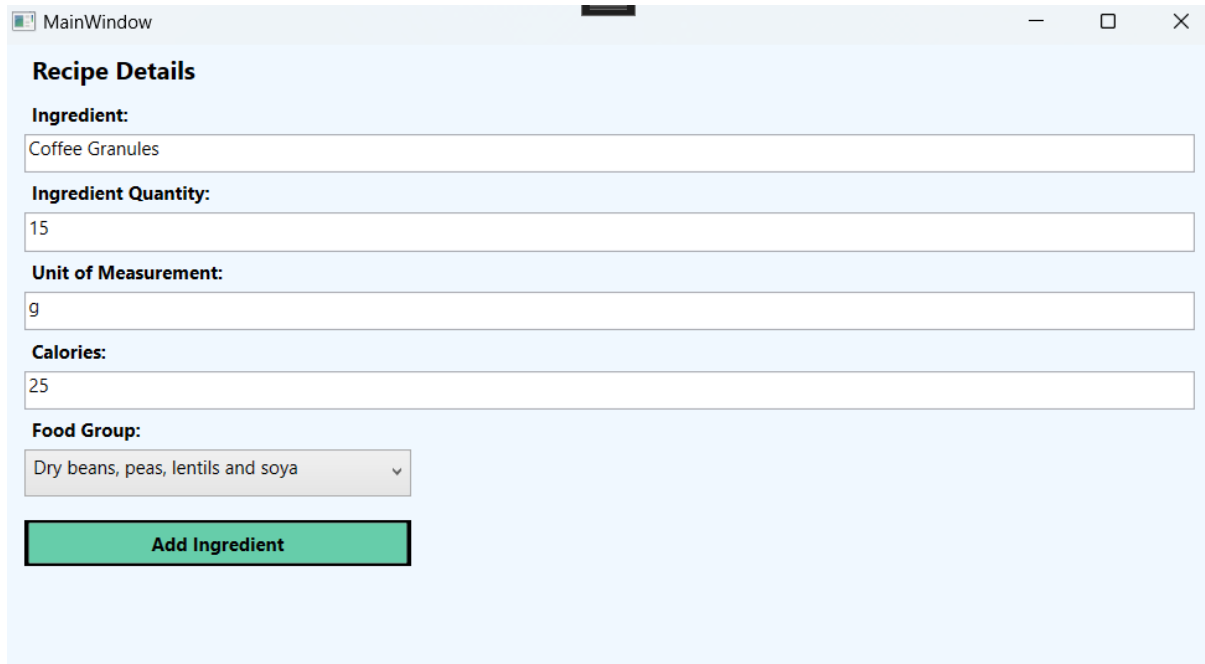


### 3 1: ENTER A RECIPE



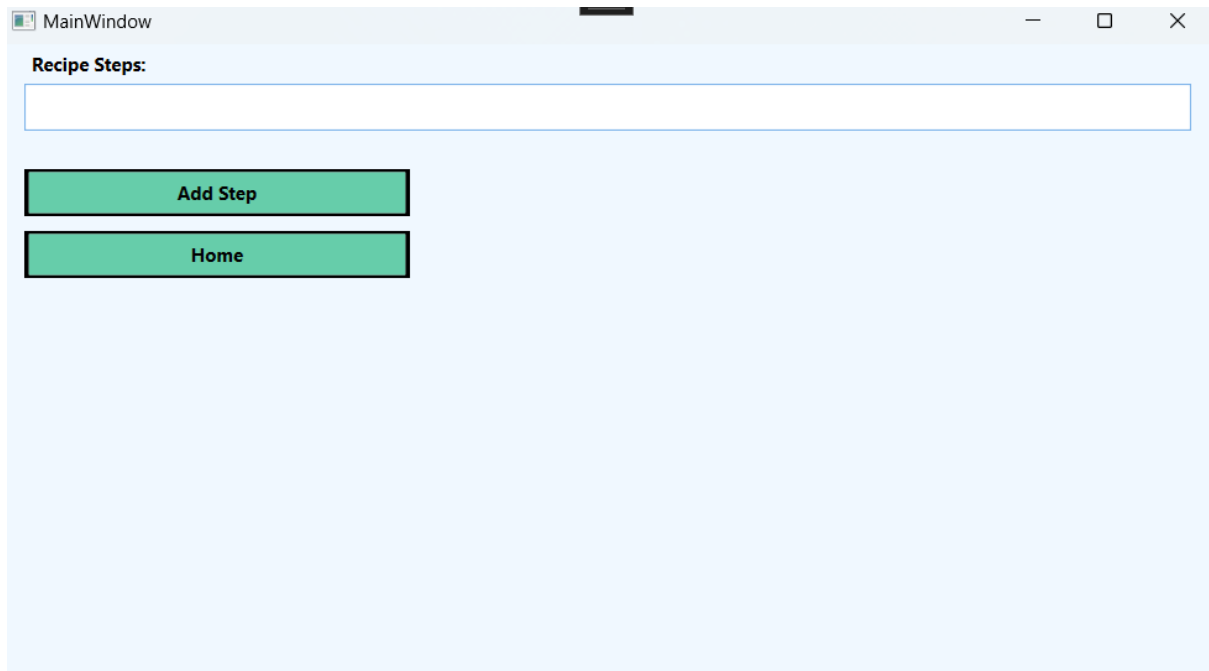
The screenshot shows a window titled 'MainWindow' with a light blue background. It contains three text input fields with labels: 'Recipe Name:', 'Number of Ingredients:', and 'Number of Steps:'. Below these fields are two green buttons with black borders: 'Enter Recipe' and 'Home'.

You will be required to enter a recipe name, number of ingredients (only numerical values are accepted), and number of steps (only numerical values are accepted).



The screenshot shows a window titled 'MainWindow' with a light blue background. It contains a section titled 'Recipe Details' with five text input fields and one dropdown menu, all with labels: 'Ingredient:', 'Ingredient Quantity:', 'Unit of Measurement:', 'Calories:', and 'Food Group:'. The input fields contain the values 'Coffee Granules', '15', 'g', and '25' respectively. The dropdown menu for 'Food Group:' shows 'Dry beans, peas, lentils and soya'. Below these fields is a green button with a black border labeled 'Add Ingredient'.

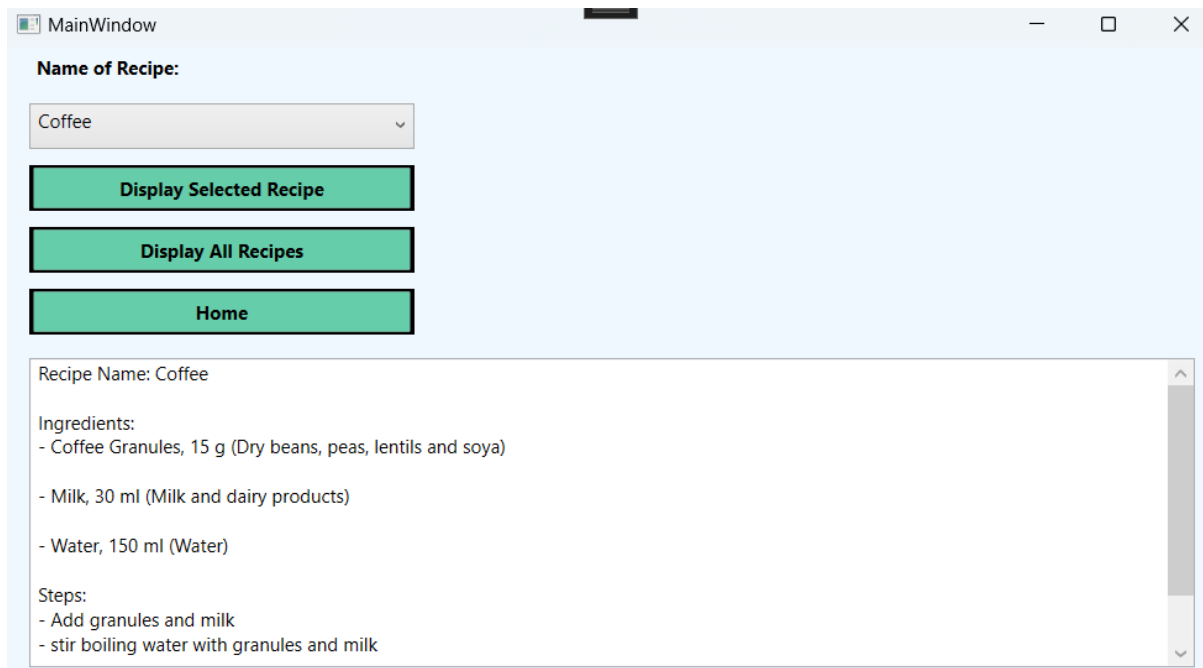
- This is the screen you will be taken to upon clicking on the [Enter Recipe button](#) once you have entered the recipe name, number of ingredients and number of steps OR
- Click the [Home button](#) to return to the menu.



- Once you have entered all of the ingredients, and clicked on the [Add Ingredient Button](#), you will be taken to this screen whereby you will add the necessary steps for your recipe.

Once you have entered all the steps you will be returned to the menu screen and shown a message that the recipe has been added successfully.

## 4 2: VIEW A RECIPE

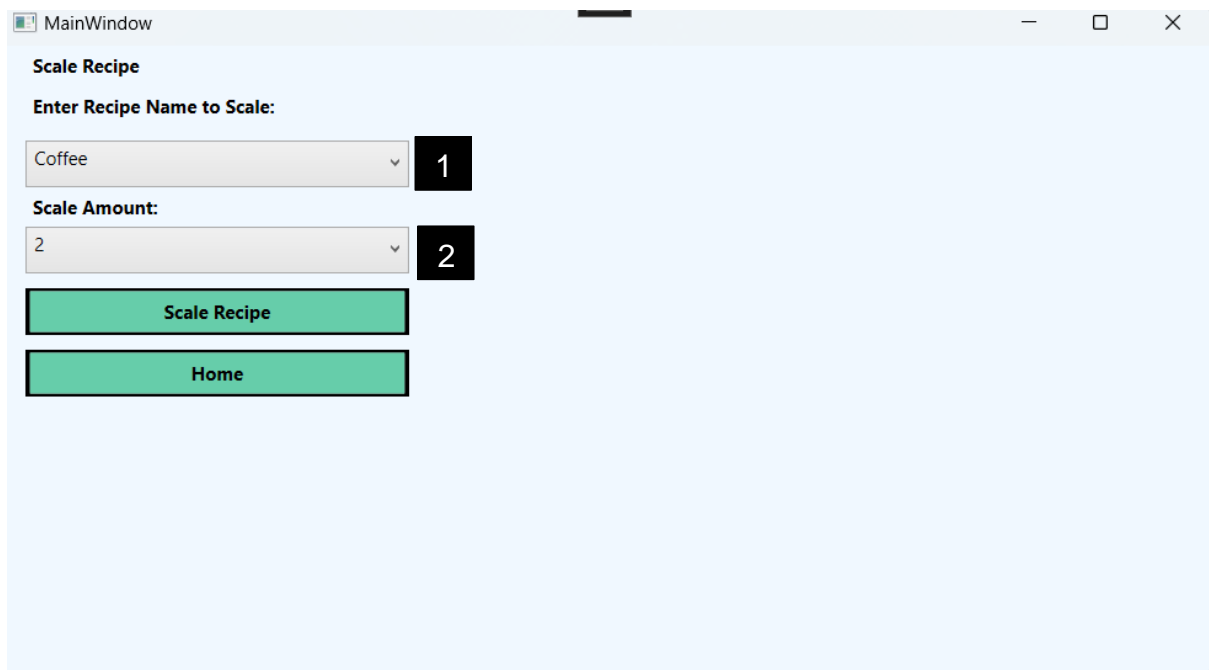


The screenshot shows a window titled 'MainWindow' with a light blue background. At the top left, under the title bar, is a label 'Name of Recipe:'. Below this is a dropdown menu with 'Coffee' selected. Underneath the dropdown are three green buttons with black text: 'Display Selected Recipe', 'Display All Recipes', and 'Home'. Below the buttons is a large white rectangular area with a vertical scrollbar on the right. This area contains the following text: 'Recipe Name: Coffee', 'Ingredients:', '- Coffee Granules, 15 g (Dry beans, peas, lentils and soya)', '- Milk, 30 ml (Milk and dairy products)', '- Water, 150 ml (Water)', 'Steps:', '- Add granules and milk', and '- stir boiling water with granules and milk'.

- Once you have entered a recipe and you click the [View a Recipe button](#) on the menu, you will be taken to this screen, where entered recipes will be stored in the drop-down list.

You have the option to either display all recipes that have been stored in the system or you may choose one recipe from the dropdown, and the recipe will display in the Rich Text Box below the buttons.

## 5 3: SCALE A RECIPE

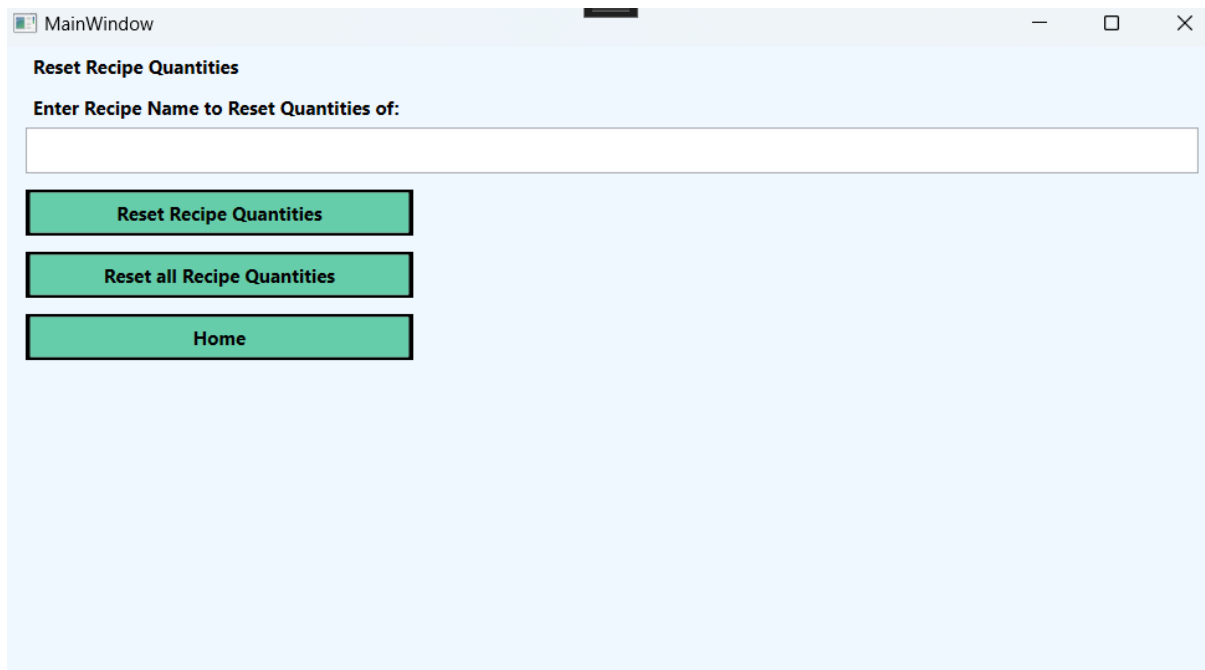


The screenshot shows a window titled 'MainWindow' with a light blue background. Inside the window, the title 'Scale Recipe' is displayed. Below it, the text 'Enter Recipe Name to Scale:' is followed by a drop-down menu showing 'Coffee'. A black box with the number '1' is next to this menu. Below that, the text 'Scale Amount:' is followed by a drop-down menu showing '2'. A black box with the number '2' is next to this menu. At the bottom of the form, there are two green buttons: 'Scale Recipe' and 'Home'.

You will be able to select a stored recipe from the drop-down list (1) and a scale amount (0.5 / 2 / 3) from the drop-down list (2).

- Click the [Scale Recipe button](#) and you will be shown a message to indicate that your recipe has been scaled, and you will be returned to the menu.

## 6 4: RESET QUANTITIES



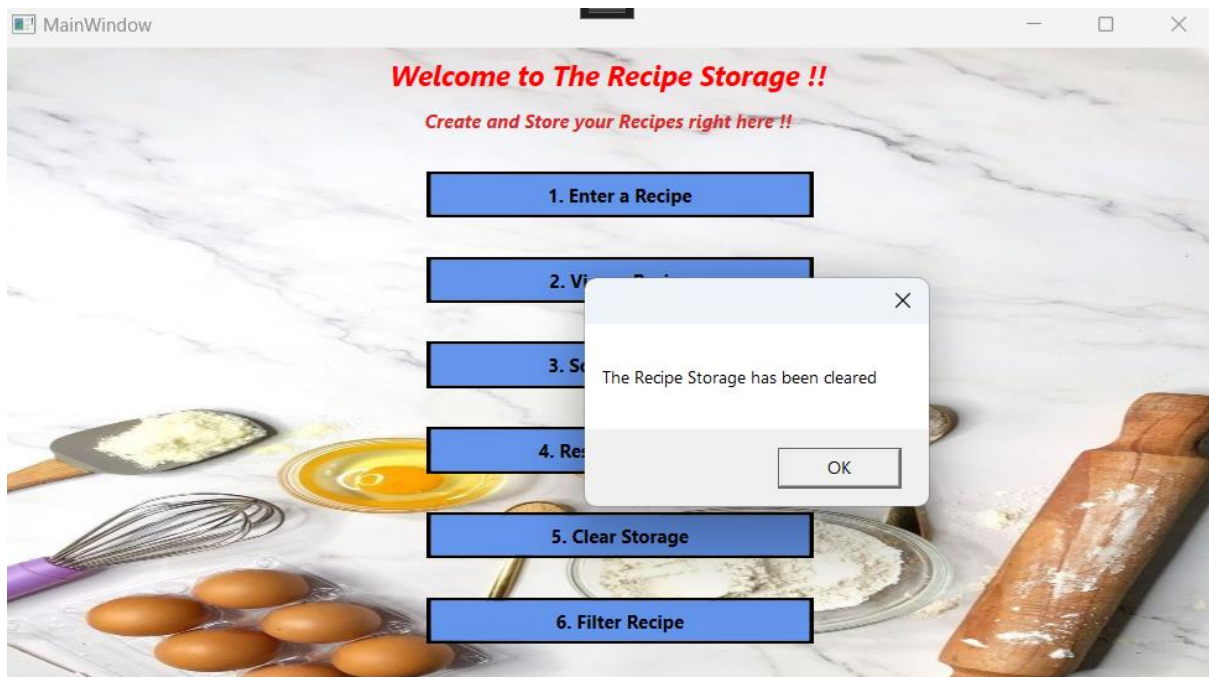
The screenshot shows a window titled 'MainWindow' with a light blue background. At the top, the text 'Reset Recipe Quantities' is displayed. Below it, a label 'Enter Recipe Name to Reset Quantities of:' is followed by a white text input field. Underneath the input field are three green buttons with black text: 'Reset Recipe Quantities', 'Reset all Recipe Quantities', and 'Home'.

Once you have scaled a recipe and you would like to set the quantities back to their original state, you may do so. You may either reset one recipes quantities or all of them at once.

- The [Reset Recipe Quantities](#) button will reset the Recipe Name that you have entered into the textbox and if you have different scaled recipes stored in the system, they will remain scaled.
- The [Reset all Recipe Quantities](#) button will reset all of the quantities of recipes that you have previously scaled, at once.

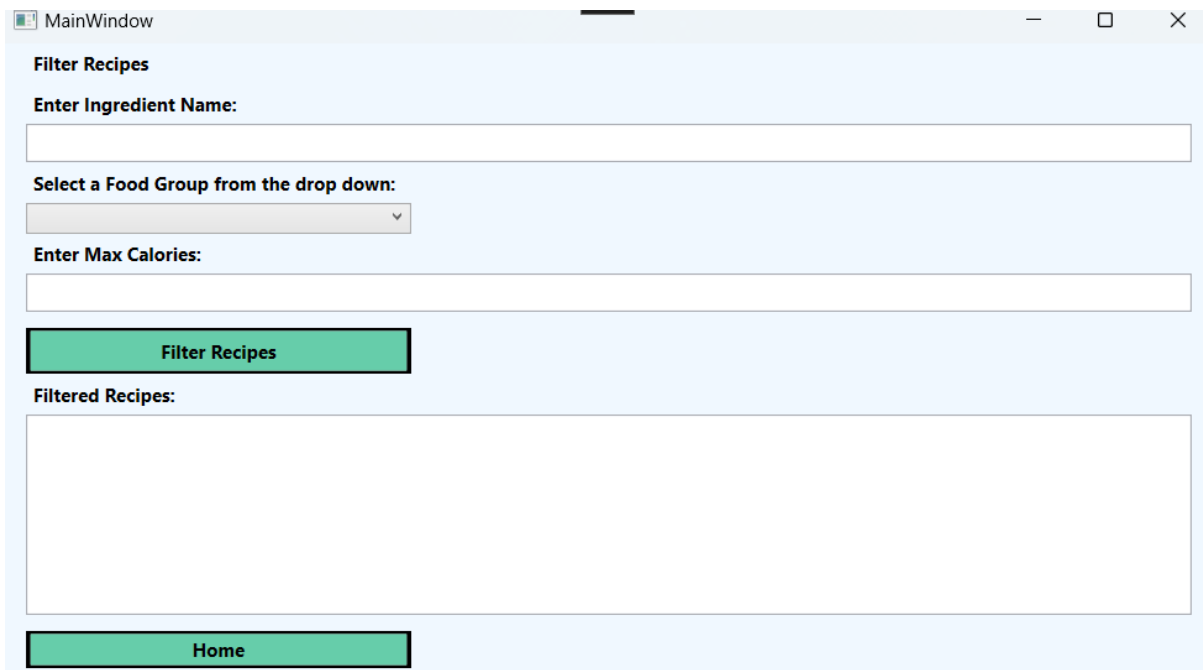


## 7 5: CLEAR STORAGE



Once you click the Clear Storage button, you will be shown a message, as portrayed above, to notify you that The Recipe Storage has been cleared, and you will no longer have recipes stored in the system.

## 8 6: FILTER RECIPE

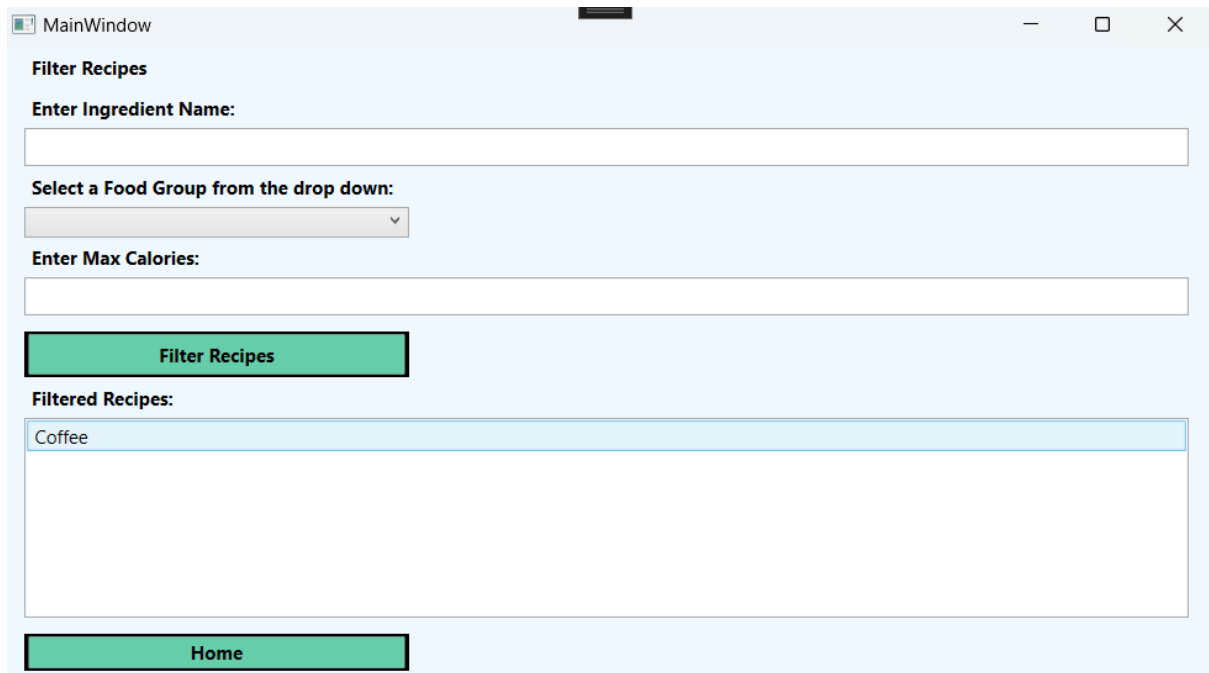


The screenshot shows a window titled 'MainWindow' with a light blue background. At the top, there's a section titled 'Filter Recipes'. Below this, there are three input fields: 'Enter Ingredient Name:' with a text box, 'Select a Food Group from the drop down:' with a dropdown menu, and 'Enter Max Calories:' with a text box. Below these fields is a green button labeled 'Filter Recipes'. Underneath the button is a section titled 'Filtered Recipes:' followed by a large empty text box. At the bottom of the window is a green button labeled 'Home'.

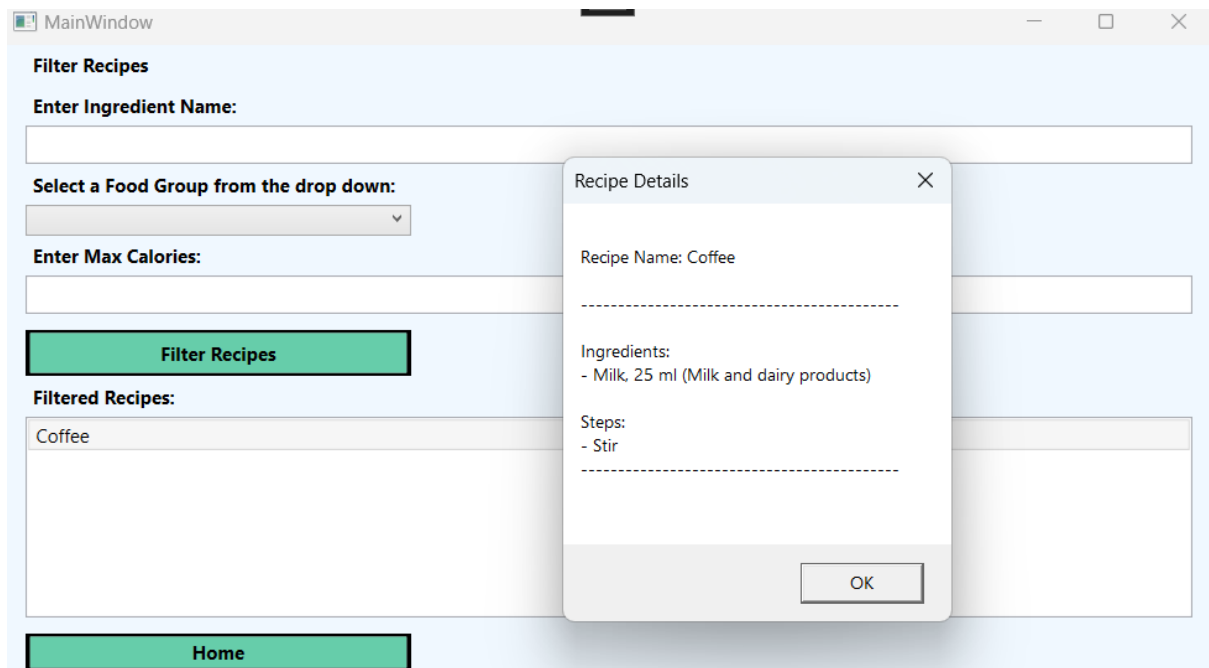
You have 3 filtering options:

- Filter by Ingredient Name:
  - You are required to type in an ingredient name and if the ingredient is found in any recipes in the system, the recipe name will be listed in the list box.
- Filter by Food Group:
  - Select a food group from the drop-down list and if an ingredient in a stored recipe contains that specific food group, the recipe name will be listed in the list box.
- Filter by Maximum Calories:
  - You may enter the maximum calories of a recipe and if a recipe has less than or equal to the maximum calories you have entered, the recipe name will be listed in the text box.

Once a recipe name has been listed in the text box, you may [double click the recipe name](#) to view the full recipe details, displayed in a message box.



The screenshot above shows a recipe containing the ingredient: Milk



The screenshot above shows how the recipe details will be displayed once you have double clicked the recipe name in the list box.

## 9 7: CLOSING THE PROGRAM



Once you would like to close The Recipe Storage, you will be able to do so from anywhere within the program, through locating and clicking the 'x' in the top right-hand corner.