

RecipeApp User Manual

You may maintain a collection of recipes using the Windows program called RecipeApp. A recipe can be scaled, reset, filtered by ingredient, food group, and maximum calories, and all recipe data can be cleared. You can also upload new recipes and examine recipe information.

System Requirements

- ❖ Windows operating system
- ❖ .NET Framework installed

Installation

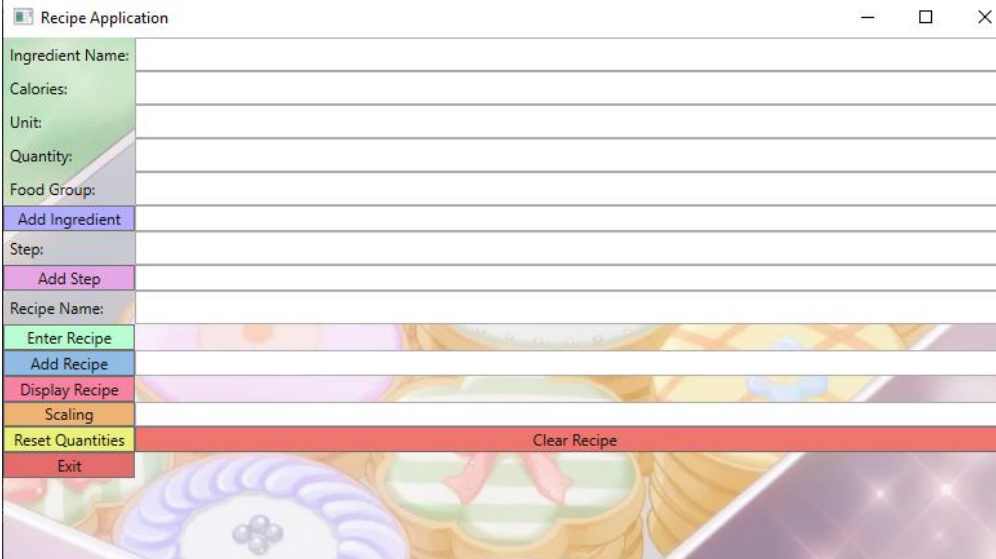
- ❖ Download the RecipeApp application files.
- ❖ Extract the downloaded files to a desired location on your computer.

Launching the Application

- ❖ Navigate to the location where you extracted the RecipeApp files.
- ❖ Double-click on the "RecipeApp.exe" file to launch the application.

How to use the RecipeApp

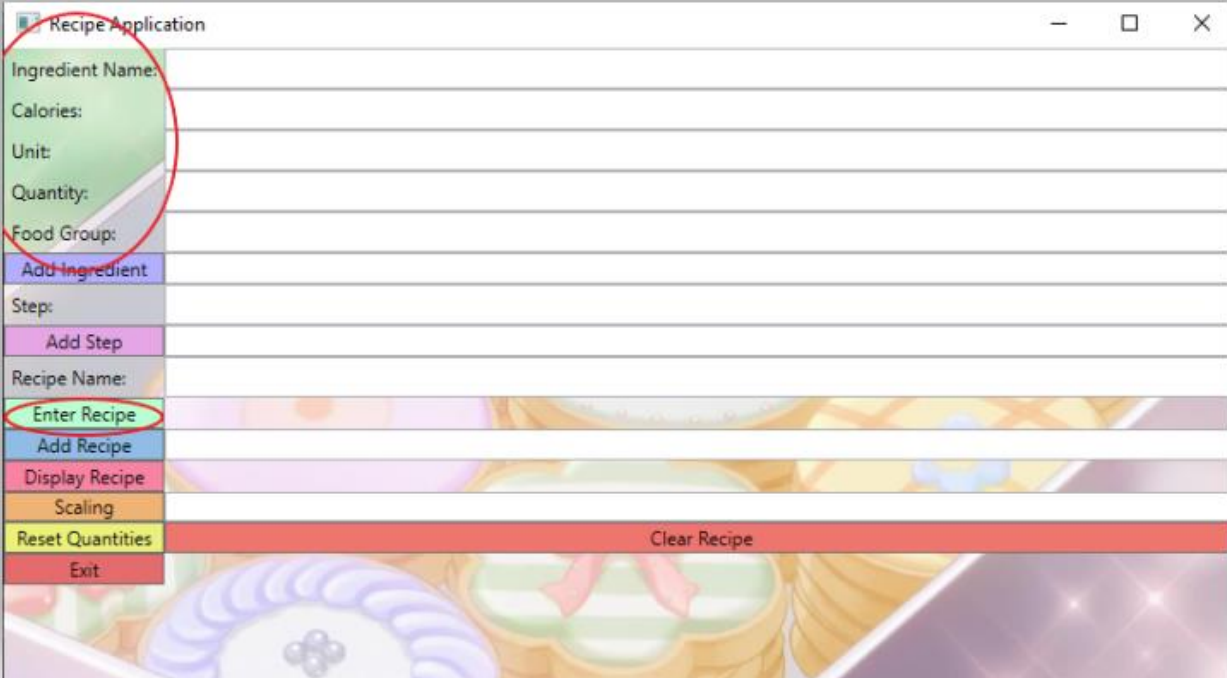
The Recipe Application will display when you start it up. The window has sections for adding steps, inputting component information, and managing recipes.



The screenshot shows the 'Recipe Application' window. It features a sidebar with various input fields and buttons. The input fields include 'Ingredient Name:', 'Calories:', 'Unit:', 'Quantity:', 'Food Group:', 'Step:', and 'Recipe Name:'. The buttons are 'Add Ingredient' (blue), 'Add Step' (pink), 'Enter Recipe' (green), 'Add Recipe' (blue), 'Display Recipe' (pink), 'Scaling' (orange), 'Reset Quantities' (yellow), 'Exit' (red), and 'Clear Recipe' (red). The background of the application has a colorful, abstract pattern.

Enter Recipe

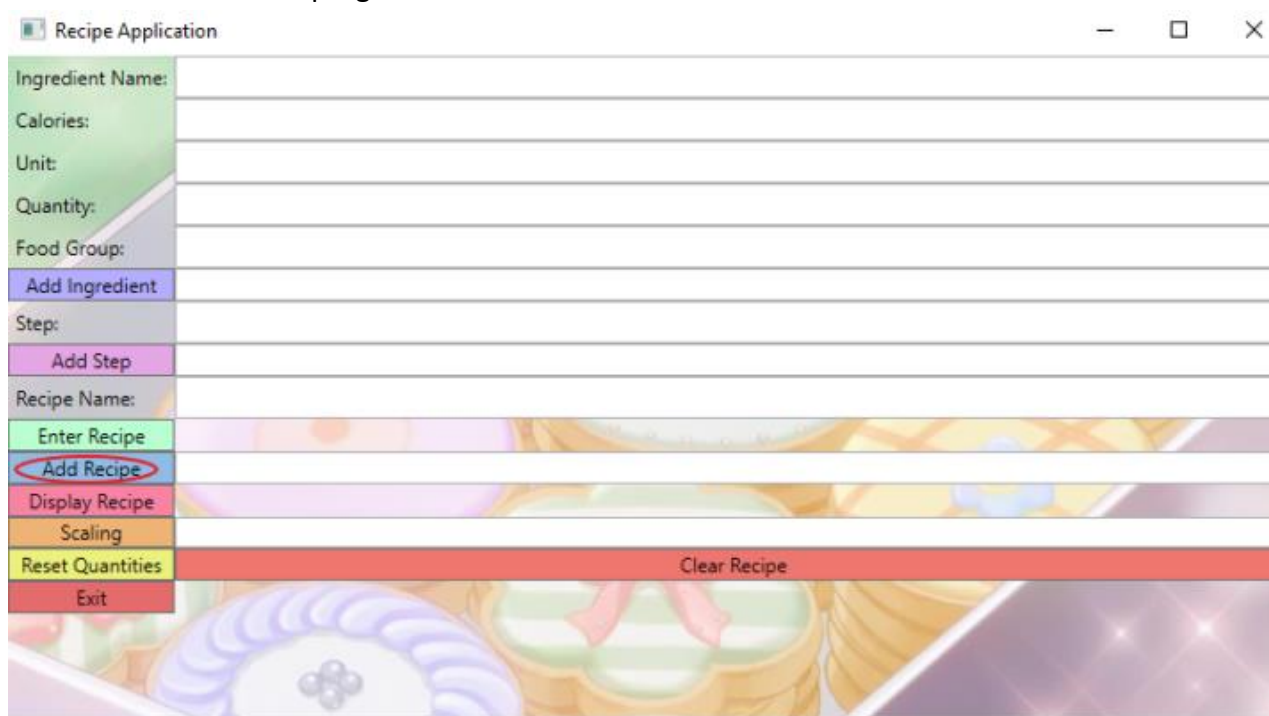
- Enter the recipe name in the "Recipe Name" text box and press the "Enter Recipe" button to save it for later use. Make sure to enter the recipe information. The recipe, its components, and its steps will all be stored in the program. This feature allows you to save several recipes.



This screenshot is similar to the one above, but with a red circle highlighting the 'Enter Recipe' button in the sidebar. The 'Recipe Name' text box is also visible, and the 'Clear Recipe' button is highlighted in red at the bottom of the sidebar.

Add Recipe

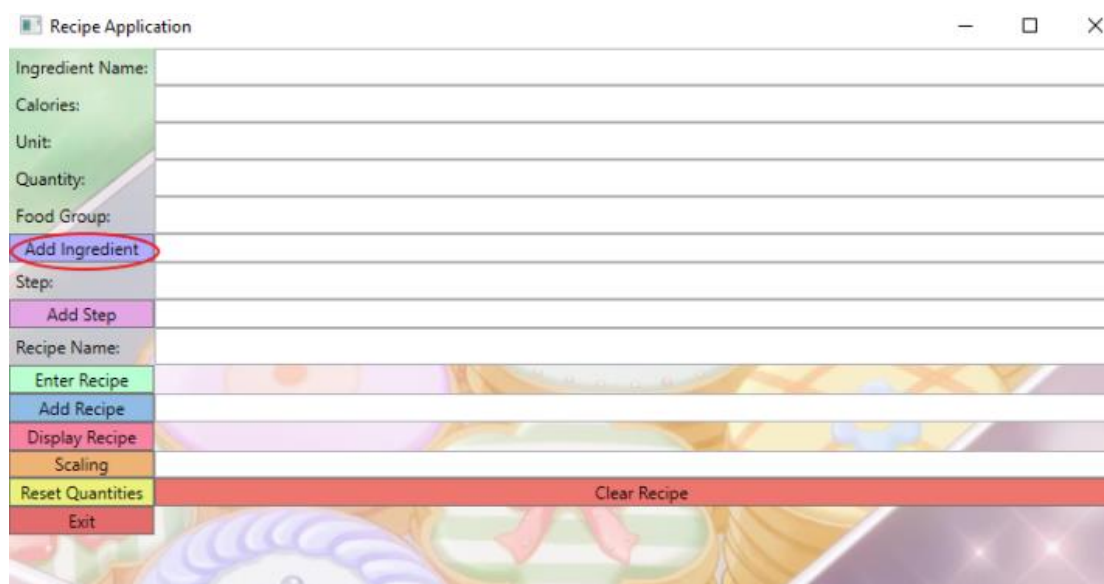
- Enter the recipe name in the "Recipe Name" text box and press the "Add Recipe" button to save it for later use. Make sure to enter the recipe information. The recipe, its components, and its steps will all be stored in the program.



The screenshot shows the 'Recipe Application' window. It features a sidebar with buttons: 'Add Ingredient' (blue), 'Add Step' (purple), 'Enter Recipe' (green), 'Add Recipe' (blue, circled in red), 'Display Recipe' (pink), 'Scaling' (orange), 'Reset Quantities' (yellow), and 'Exit' (red). The main area contains text boxes for 'Ingredient Name', 'Calories', 'Unit', 'Quantity', 'Food Group', 'Step', and 'Recipe Name'. At the bottom, there is a 'Clear Recipe' button. The background has a colorful, abstract pattern.

Add Ingredient

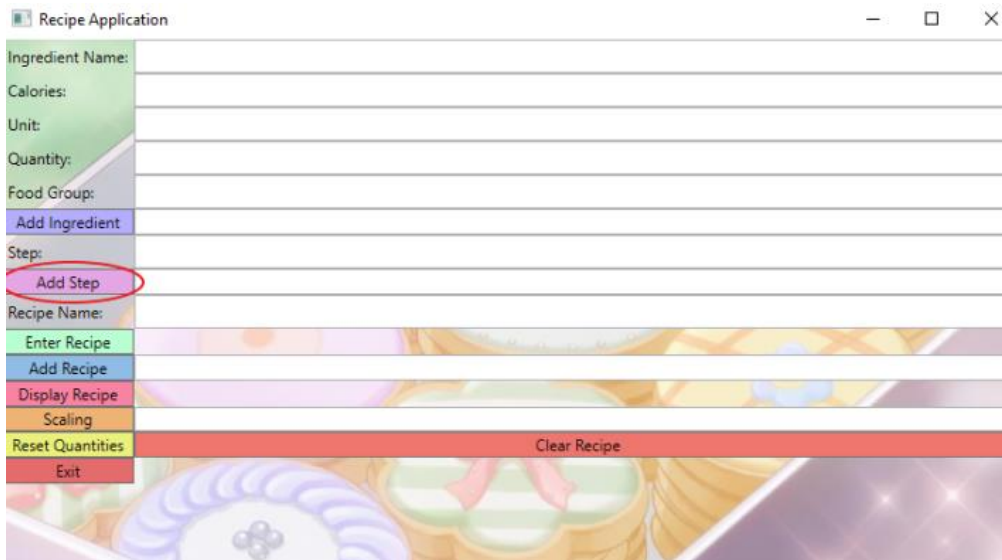
- Fill out the "Ingredient Name" text box with the ingredient name.
- Fill out the "Calories" text box with the number of calories.
- Type the measuring unit into the "Unit" text box.
- Fill out the "Quantity" text box with the ingredient's quantity.
- Fill out the "Food Group" text box with the relevant information.
- To add an item to the list, click the "Add Ingredient" button.
- A list box labeled "Ingredients" will display the ingredient.



This screenshot is similar to the previous one, but the 'Add Ingredient' button in the sidebar is circled in red. The 'Add Recipe' button is no longer highlighted. The rest of the interface, including the text boxes and the 'Clear Recipe' button, remains the same.

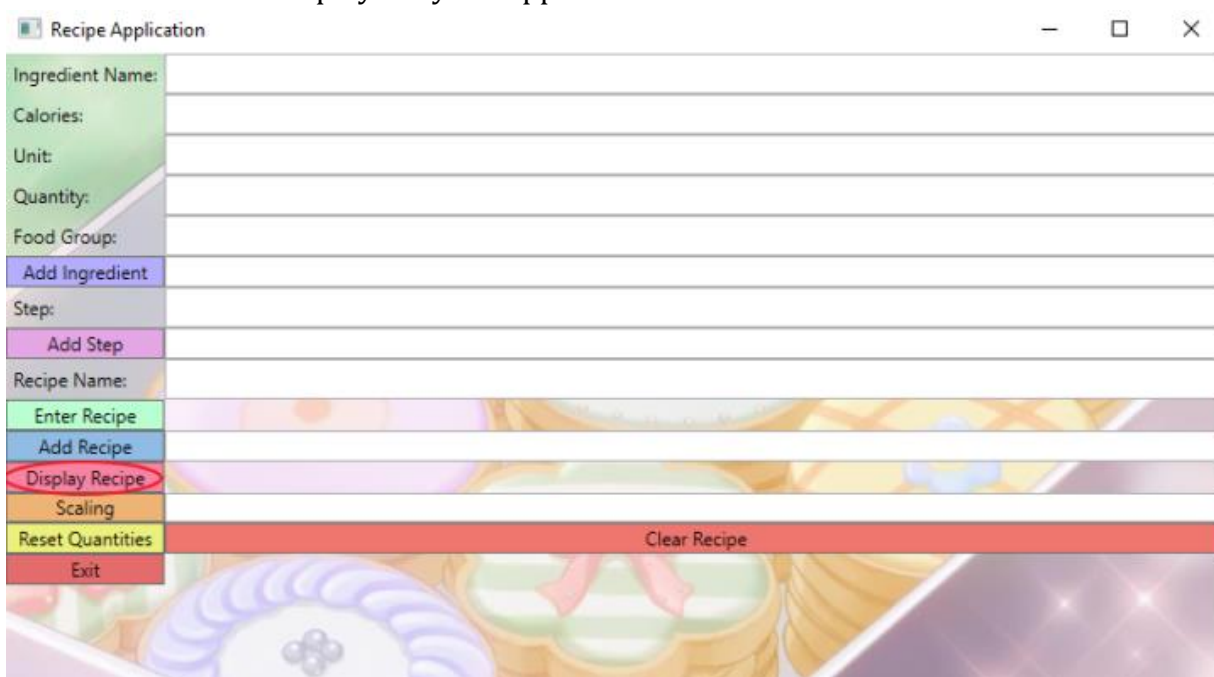
Add Step

- Fill out the "Step" text box with the step description.
- Select "Add Step" from the menu.
- The step will be included in the list box labeled "Steps".



Display Recipe

- Click the "Display Recipe" button to see the recipe's details. A message box including the name of the recipe, a list of the ingredients and their amounts, the total number of calories, and the instructions will be displayed by the app.



Scale Recipe

- Fill out the "Scaling" text box with the scaling factor.
- Select "Scaling" from the menu.

- The program will multiply the calorie and ingredient counts by the scaling factor.
- The steps will receive the appropriate new numbers.
- A message box will show the scaled recipe information.

The screenshot shows a window titled "Recipe Application" with a decorative background of various pastries. On the left side, there is a vertical list of labels and buttons: "Ingredient Name:", "Calories:", "Unit:", "Quantity:", "Food Group:", "Add Ingredient", "Step:", "Add Step", "Recipe Name:", "Enter Recipe", "Add Recipe", "Display Recipe", "Scaling" (highlighted with a red circle), "Reset Quantities", and "Exit". To the right of these labels are corresponding input fields. At the bottom of the window, there is a red bar containing the text "Clear Recipe".

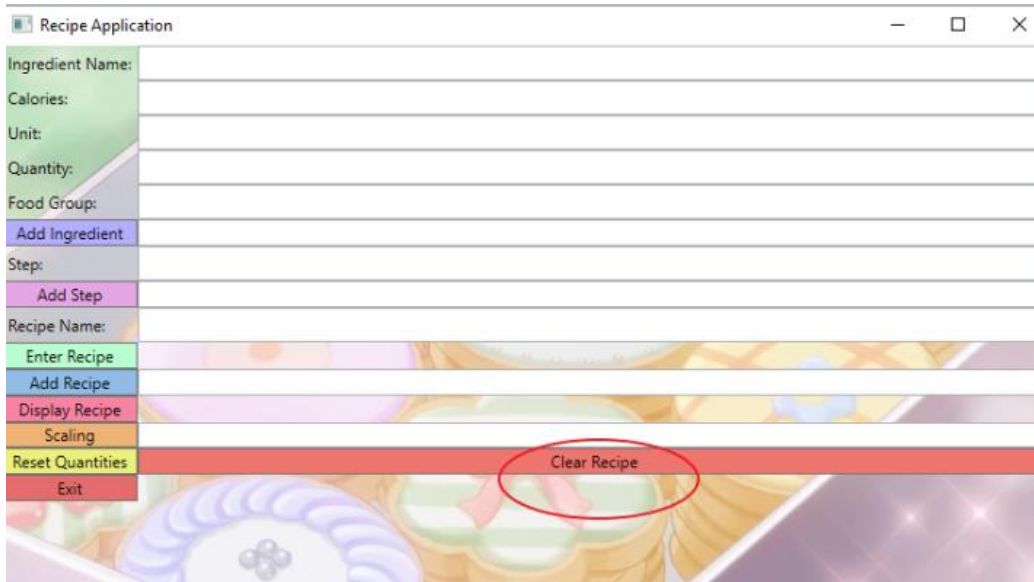
Reset Quantities

- Click the "Reset Quantities" button to reset all ingredient quantities to zero.

This screenshot is identical to the one above, showing the "Recipe Application" window. In this instance, the "Reset Quantities" button is highlighted with a red circle, while the "Scaling" button is no longer highlighted.

Clear Recipe

- Click the "Clear Recipe" button to start again after clearing the current recipe. The application will be cleared of all ingredients, instructions, and recipe data after this action.



Exit

- Click the "Exit" button to leave the Recipe Application. By doing so, the software will end and the application window will close.

