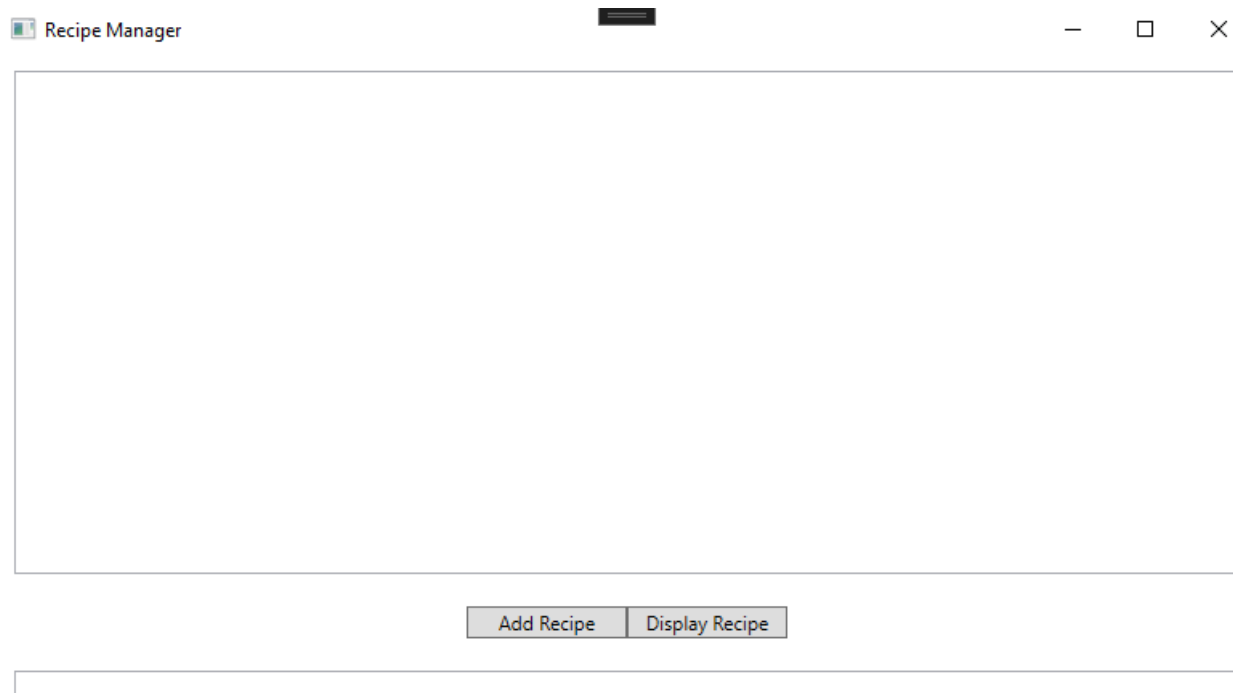1. Introduction: Recipe Manager is a software application designed to help users manage their recipes. It allows users to enter recipe details such as ingredients, steps, and other information. This user manual will guide you through the features and functionality of the Recipe Manager application.
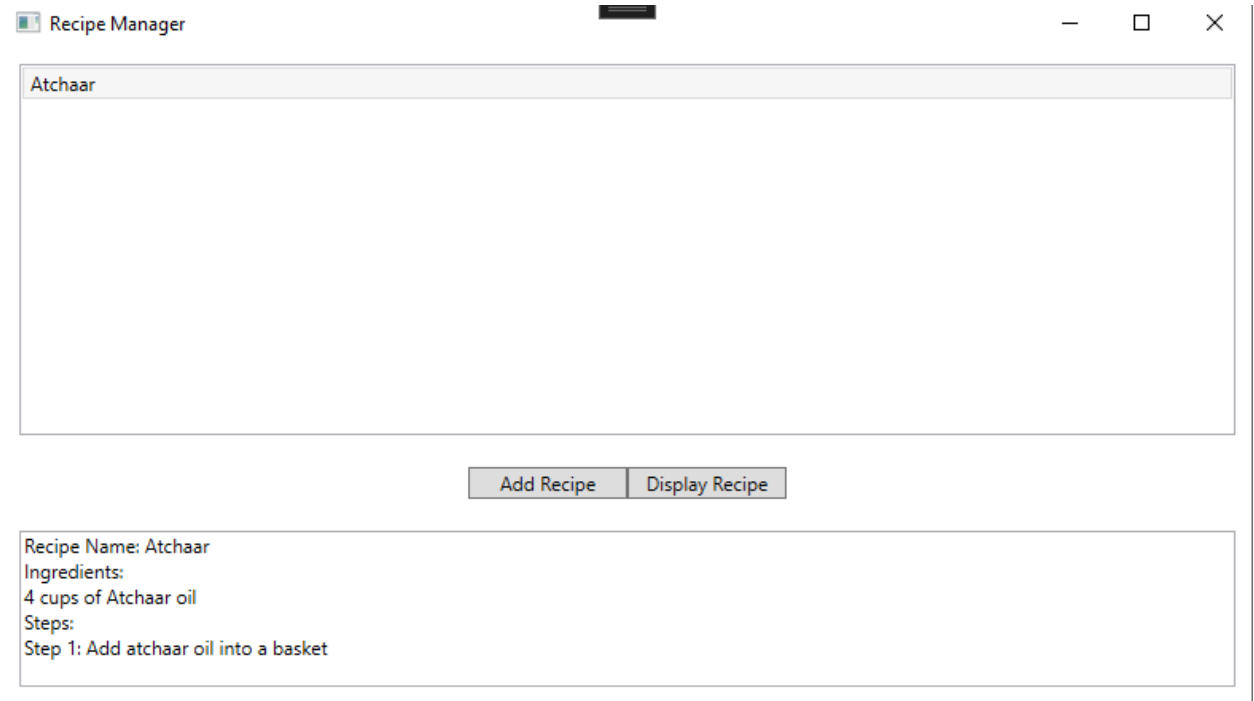
2. System Requirements:

   - Operating System: Windows 10 or later

   - .NET Framework 4.7.2 or later

   - Minimum screen resolution: 1280x720

   - Internet connection (for accessing external resources)

3. Main Window:

   - The main window of Recipe Manager displays a list of recipes in alphabetical order.

   - To add a new recipe, click the "Add Recipe" button. This will open the Recipe Details window.

   - To view the details of a recipe, select it from the list and click the "Display Recipe" button. The recipe details will be shown in the text box below.

   - To clear the recipe details, click the "Clear" button.

Recipe Manager

Atchaar

Add Recipe | Display Recipe

```
Recipe Name: Atchaar
Ingredients:
4 cups of Atchaar oil
Steps:
Step 1: Add atchaar oil into a basket
```

4. Recipe Details Window:

- In the Recipe Details window, enter the name of the recipe in the "Recipe Name" text box.

- To add an ingredient, click the "Add Ingredient" button. This will open the Ingredient Details window.

- To add a step, enter the step description in the "Step" text box and click the "Add Step" button.

- To save the recipe, click the "Save" button. The recipe will be added to the main window's recipe list.

- To cancel and close the window, click the "Cancel" button.

Recipe Details

Recipe Name:

[   ]

Ingredients:
_____

Add Ingredient

Steps:
_____

[   ]

Add Step

Save

Atchaar

Ingredients:
_____

Add Ingredient

5. Ingredient Details Window:

- In the Ingredient Details window, enter the name, quantity, unit, calories, and food group of the ingredient.

- Click the "Save" button to save the ingredient and return to the Recipe Details window.

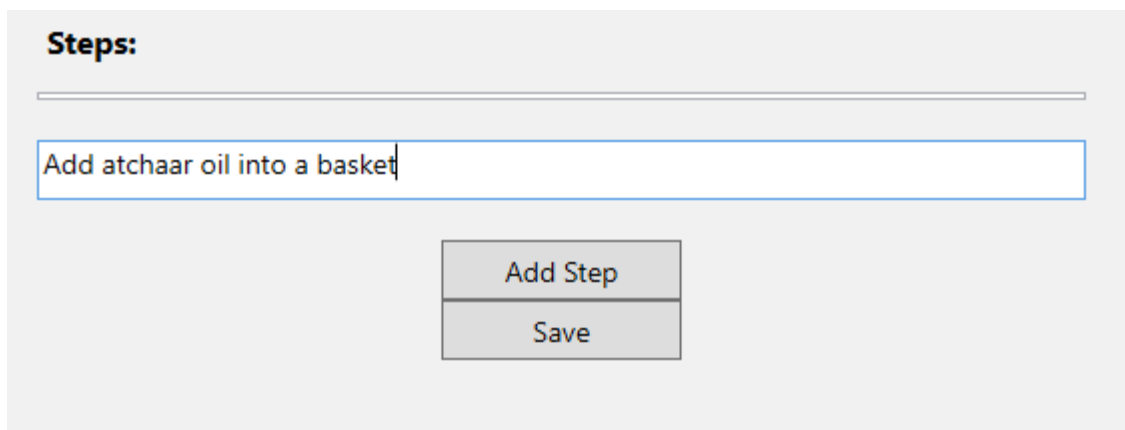- Click the "Cancel" button to cancel and close the window.

Ingredient Details

Ingredient Name:	Atchaar oil
Quantity:	4
Unit:	cups
Calories:	500
Food Group:	Fats and Oils

Save

Steps:

Add atchaar oil into a basket

Add Step

Save

6. Exiting the Application:

- To exit the Recipe Manager application, simply close the main window or click the "Exit" button.

7. Data Persistence:

- The Recipe Manager does not persist user data between runs.

- All data is stored in memory while the application is running.

8. Unit Testing:

- The Recipe Manager includes unit tests to verify the accuracy of the total calorie calculation.

- Unit tests can be executed by running the corresponding test project.

9. Troubleshooting:

- If you encounter any issues or errors while using the Recipe Manager, please refer to the application logs or contact our support team for assistance.

10. Additional Resources:

- For more information about food groups and nutrition, you can refer to the following link: [https://sweetlife.org.za/what-are-the-different-food-groups-a-simple-explanation/]

11. Conclusion:

- Congratulations! You have successfully learned how to use the Recipe Manager application to manage your recipes.

- Enjoy organizing and scaling your recipes effortlessly with Recipe Manager!