

# Recipe Application User Manual

## Introduction

Welcome to the Recipe Application! This user manual will guide you through using the application to manage recipes, view recipe details, and generate visualizations based on selected recipes.

## Application Overview

The Recipe Application allows you to perform the following tasks:

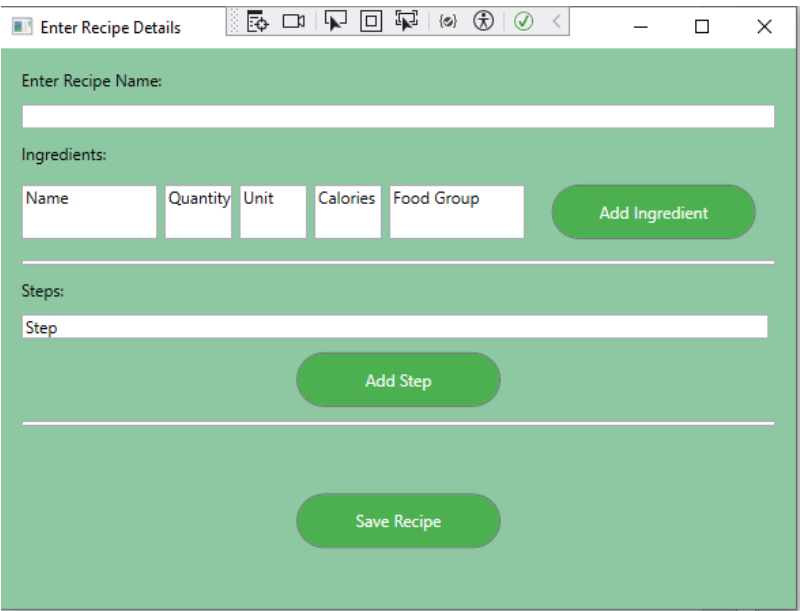
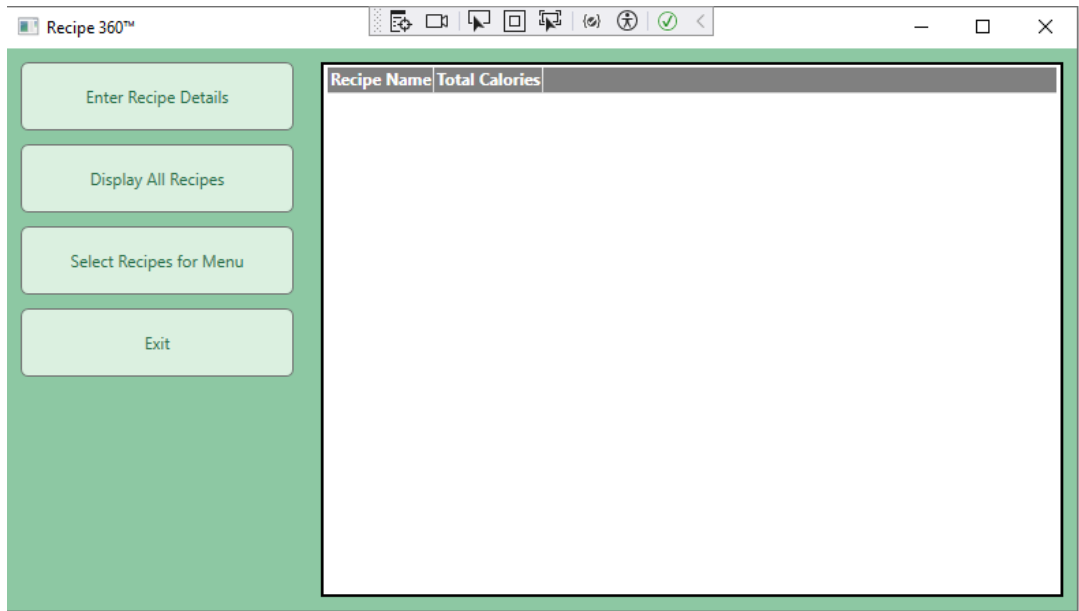
- Enter Recipe Details: Add new recipes including ingredients and preparation steps.
- Display All Recipes: View all saved recipes with their names and total calories.
- Select Recipes for Menu: Choose recipes to include in a menu and visualize calorie distribution.
- Exit: Close the application.

# Getting Started

## 1. Enter Recipe Details

To add a new recipe:

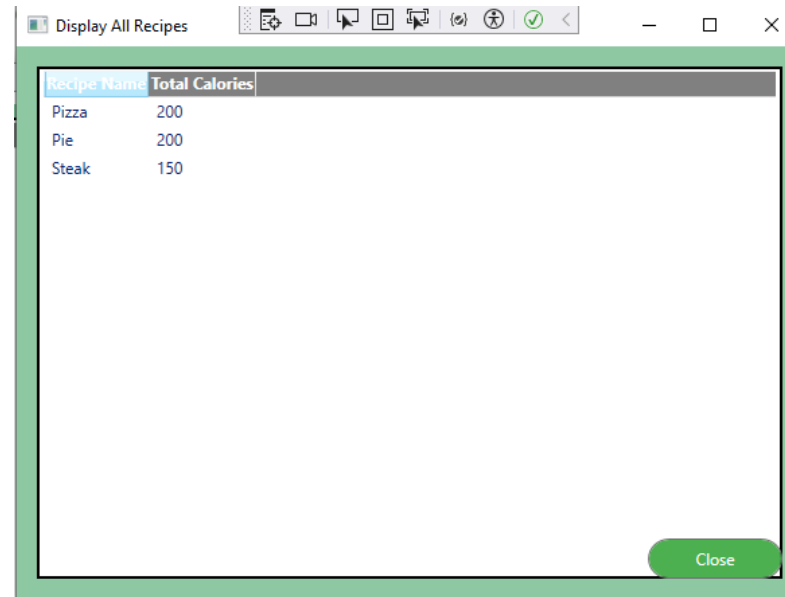
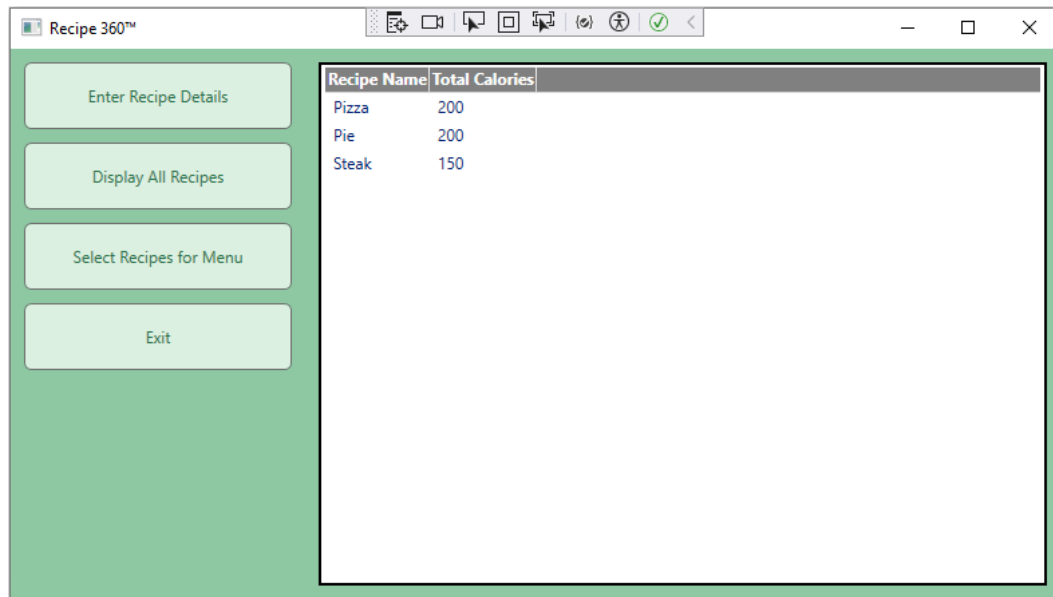
- Click on the Enter Recipe Details button on the main window.
- Enter the recipe name in the text box provided.
- Add ingredients by filling out the fields for name, quantity, unit, calories, and food group. Click Add Ingredient to add each ingredient.
- Add preparation steps by entering each step in the steps textbox and clicking Add Step.
- Click Save Recipe to save the recipe.



## 2. Display All Recipes

To view all saved recipes:

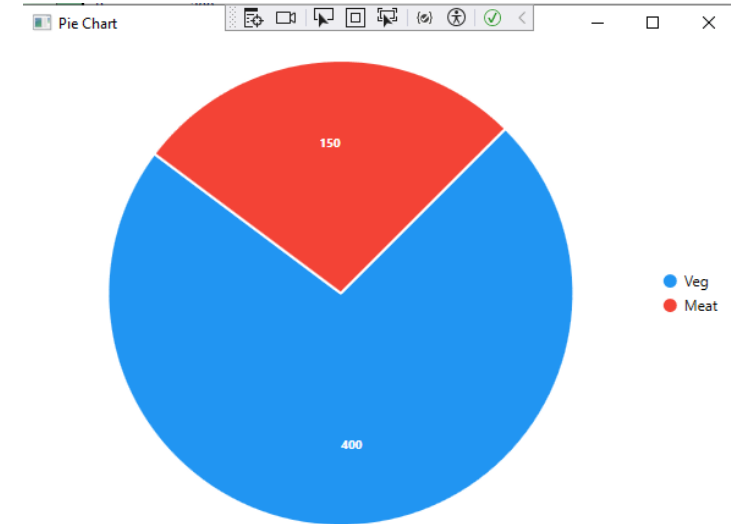
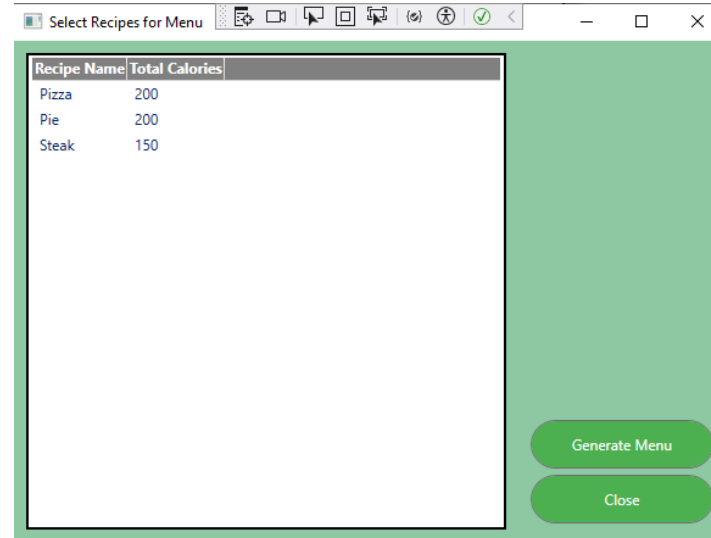
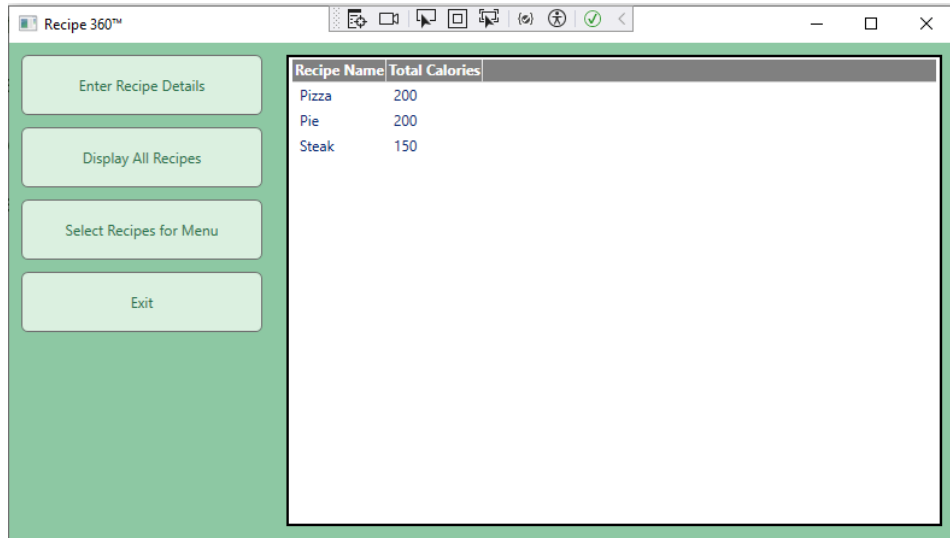
- Click on the **Display All Recipes** button on the main window.
- A new window will display a list of all saved recipes along with their total calories.



### 3. Select Recipes for Menu

To select recipes for a menu and generate a pie chart:

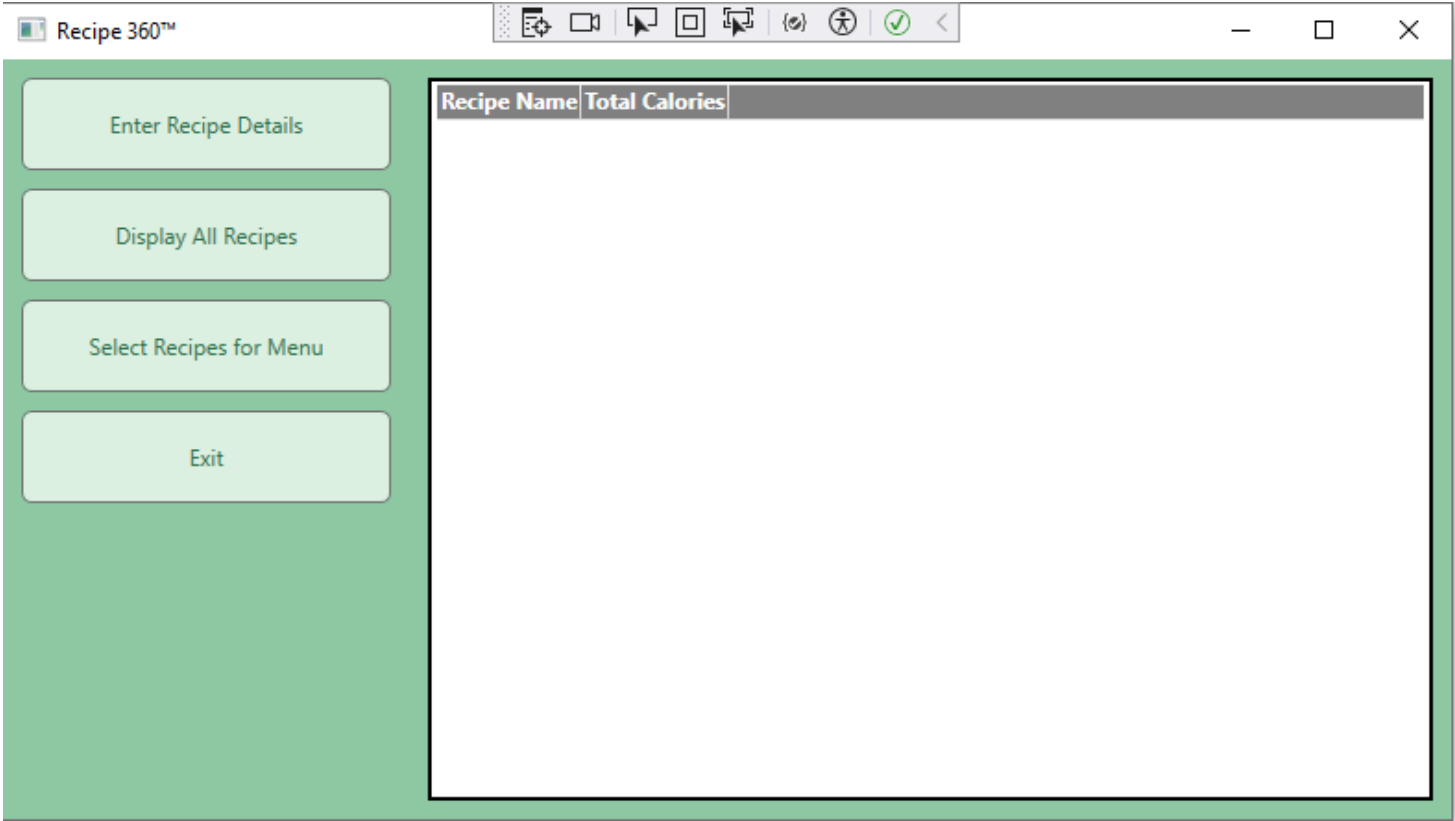
- Click on the Select Recipes for Menu button on the main window.
- In the new window, select one or more recipes by clicking on them in the list.
- Click Generate Menu to generate a pie chart showing calorie distribution based on selected recipes.



# Exiting the Application

To exit the application:

- Click on the Exit button on the main window or close any open windows.



Thank You