

Recipe Application User Manual

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1. Introduction

Welcome to the Recipe Application! This app helps you create, manage, and view recipes easily. Track ingredients, steps, and calories, and get notified if a recipe exceeds 300 calories.

2. Installation

Steps to Install:

1. Clone the repository: `git clone [RecipeApp GitHub Repository]`
(<https://github.com/st10345327/recipe-app>)
2. Open the project in Visual Studio.
3. Build the project to restore dependencies.
4. Run the RecipeAppWPF project.

3. Getting Started

Main Window Overview:

1. Recipe Name: Enter the name of your recipe.
2. Ingredients Section: Add ingredients with details.
3. Steps Section: Add steps to prepare the recipe.
4. Buttons:
 - a. Add Ingredient
 - b. Add Step
 - c. Add Recipe
 - d. Display All Recipes
 - e. Filter Recipes

4. Adding a Recipe

Steps to Add a Recipe:

1. Enter Recipe Name: Type the name of your recipe in the "Recipe Name" field.
2. Add Ingredients:
 - a. Type the ingredient name.
 - b. Enter the quantity.
 - c. Specify the unit (e.g., grams, cups).
 - d. Enter the calories.
 - e. Select the food group.
 - f. Click "Add Ingredient".
3. Add Steps:
 - a. Type a step in the "Step" field.
 - b. Click "Add Step".
4. Save Recipe: Click "Add Recipe" to save it.

5. Viewing Recipes

Steps to View Recipes:

1. Display All Recipes: Click "Display All Recipes" to view your saved recipes.
2. Select a Recipe: Click on a recipe in the list to see its details.

6. Filtering Recipes

Steps to Filter Recipes:

1. Enter Filter Criteria:
 - a. Ingredient name
 - b. Food group
 - c. Maximum calories
2. Apply Filter: Click "Filter Recipes" to see matching recipes.

7. Calorie Warnings

The app calculates total calories for each recipe. If it exceeds 300 calories, you'll see a warning message.

8. Troubleshooting

Issue: App crashes when entering data.

- Solution: Ensure all fields are filled correctly, especially numbers.

Issue: Recipes don't display.

- Solution: Click "Display All Recipes" to refresh the list.

Issue: Filtered recipes don't appear.

- Solution: Double-check your filter criteria and try again.

9. Contact Information

For support, please reach out to us:

- Email: ST10435327@RCCONNECT.EDU.ZA
- Phone: +27 784 440 373

This user manual is designed to help you get the most out of the Recipe Application, with clear and simple instructions for all features. Enjoy cooking and managing your recipes!