

STUEDEN NUMBER: ST10164052

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MODULE CODE: PROG6221

ASSESSMENT TYPE: FINAL POE BRIEF DESCRIPTION AND USER MANUAL

BRIEF DESCRIPTION

According to the review from my lecture changes and improvements were made to the application. The improvements and changes made to the application are as follows:

- All the ingredient quantities can be changed accordingly when the recipe is displayed.
- The user can request that the quantities be reset to their original value.
- The user shall be able to clear all the data to enter a new recipe.
- The application can correctly store the ingredients and steps in an array.
- More classes have been created to make the code as neat as possible and easy to read.
- For each ingredient, the user can enter the number of calories and the food group that ingredient belongs to.
- The software notifies the user when the total calories of a recipe exceed 300.

User Manual

The application is simple and easy to use which makes it time efficient. The application may be used by extracting the zip folder and opening the recipe folder using Microsoft Visual Studio then you run the application once the application code has been displayed in Microsoft Visual Studio.

Upon running the application, you will need to do the following:

- Enter the name of the recipe.
- Enter the number of ingredients.

- Enter the ingredients names.
- Enter the ingredient quantity.
- Input the ingredients unit of measurement, calories, and its food group.
- Enter the number of steps it will require to complete the recipe.
- Enter the steps required.
- The recipes will then be displayed in alphabetical order and you will have to choose how you want the recipes to be filtered e.g. by a name of an ingredient, name of food group, or number of calories.