**Getting Started**

1. **Download the Project**

Download the project zip file from the [GitHub repository](https://github.com/Tshepi-IIE/POE_2A) and extract it to your desired location.

1. **Open the Project in Visual Studio**

* Launch Visual Studio.
* Open the extracted project folder by navigating to File > Open > Project/Solution and selecting the .sln file.

1. **Restore NuGet Packages**

Before building the project, restore the NuGet packages. In Visual Studio, right-click on the solution in the Solution Explorer and select Restore NuGet Packages.

1. **Build the Project**

To compile the project:

In Visual Studio, select Build > Build Solution or press Ctrl+Shift+B.

1. **Run the Project**

To run the project:

* In Visual Studio, set the Program class as the startup project.
* Click the Start button (green arrow) or press F5 to run the application.

**Usage**

Once the program is running, follow these steps to interact with the recipe management system:

1. **Add a Recipe**

* Choose the option to add a recipe.
* Enter the recipe name, number of ingredients, and details for each ingredient (name, quantity, unit of measurement, food group, and calories).
* Enter the number of steps and describe each step.

1. **List Recipes**

* Choose the option to list all recipes. Recipes will be displayed in alphabetical order.

1. **Display a Recipe**

* Choose the option to display a specific recipe by name. The recipe details, including ingredients, steps, and total calorie count, will be shown.

1. **Manage Recipe Measurements**

* After displaying a recipe, choose to multiply the measurements by 0.5, 2, or 3.
* Reset the measurements to their original values if needed.