# **Task 2.7**

Users should be able to search by name and difficulty in order to narrow down the options. Name of course is the name of the recipe, which they can input into a text box. Difficulty on the other hand should be a dropdown/selection with the four difficulty tags as the only choices.

#### **Data Analysis**

- The bar graph will display the cooking time for all the recipes that the user has selected. Name on the x axis, cooking time on the y axis.
- The pie chart will display the difficulty for the selected recipes, and separate them into chunks depending on how many of each difficulty there are.
- The line graph will compare the number of ingredients for all the recipes that the user has selected. Name on the x axis, number of ingredients on the y axis.

#### **Execution Flow**















