

## **Task 2.7**

### **Criterion For Search:**

I want the users to be able to search the recipe by exact or partial name, and ingredients, and choose a chart to show the analysis of the recipes.

### **Data Analysis:**

- Bar chart to display recipes (x axis) by cooking time (y axis)
- Pie chart to display recipes by difficulty.
- Line chart to display the number of recipes created in a day.

### **Execution Flow:**

1. User lands on the home page.
2. Clicks on Login and logs in.
3. Lands on the home page again.
4. Clicks on Recipes and sees list of recipes and form fields to search for recipes.
5. Searches for a recipe by complete or partial name or ingredient.
6. Selects a chart for analysis.
7. Clicks on the recipe to check the details.
8. Clicks to see all the recipes again.
9. Logs out.