

## Task 2.7

### Implement Search for Recipes

Take some time to think of what you want users to search for, the criterion for search, and format of output.

My users want to search recipes for:

- Name
- Difficulty
- Cooking time

The output should be a list of recipes which match the search criteria.

### Data Visualization

**Bar chart** – Bar chart between cooking time (less or equal to 15 minutes, less or equal to 30 minutes and less or equal to 45 minutes and greater than 45 minutes) on x-axis and number of recipes on y-axis (charts displayed based on user input).

**Pie chart** – Pie chart based on the difficulty (charts displayed based on user input).

**Line chart** – Line chart between number of ingredients on x-axis and number of recipes on y-axis (charts displayed based on user input).

### Execution flow

