

Task 2.7:

Saerch Criterion and Data Visualization Specifications

Search / Filtering :

- Search Criteria:
 - Ingredients ('ingredients')
 - Recipe names ('recipe_name')
- Output format (by search filter):
 - Ingredients – A list of all recipes that contain the selected ingredient to search, rendering the recipe's name and image for each (and the corresponding chart data).
 - Name – The recipe(s) that match the input letters (includes incomplete spelling), rendering the recipe's name and image for each (and the corresponding chart data).
 - "Show All" – A Check box for a quick clearing of any active filters from search. All recipes in the database will be displayed, and therefore the populate chart data for the entire recipe database.

Data Analysis / Charts :

- Bar :
 - X-Axis = Recipe Names
 - Y-Axis = Cooking times (in minutes)
- Pie :
 - Portion of cooking time of the total cooking time of all the recipes being displayed after search filter is applied.
- Line :
 - X-Axis = Recipe Names
 - Y-Axis = Cooking Times

Data Analysis / Charts :

