Task 2.7

Search Capabilities

Users will be able to search by recipe name and ingredient. There will also be an optional chart field to include in the search.
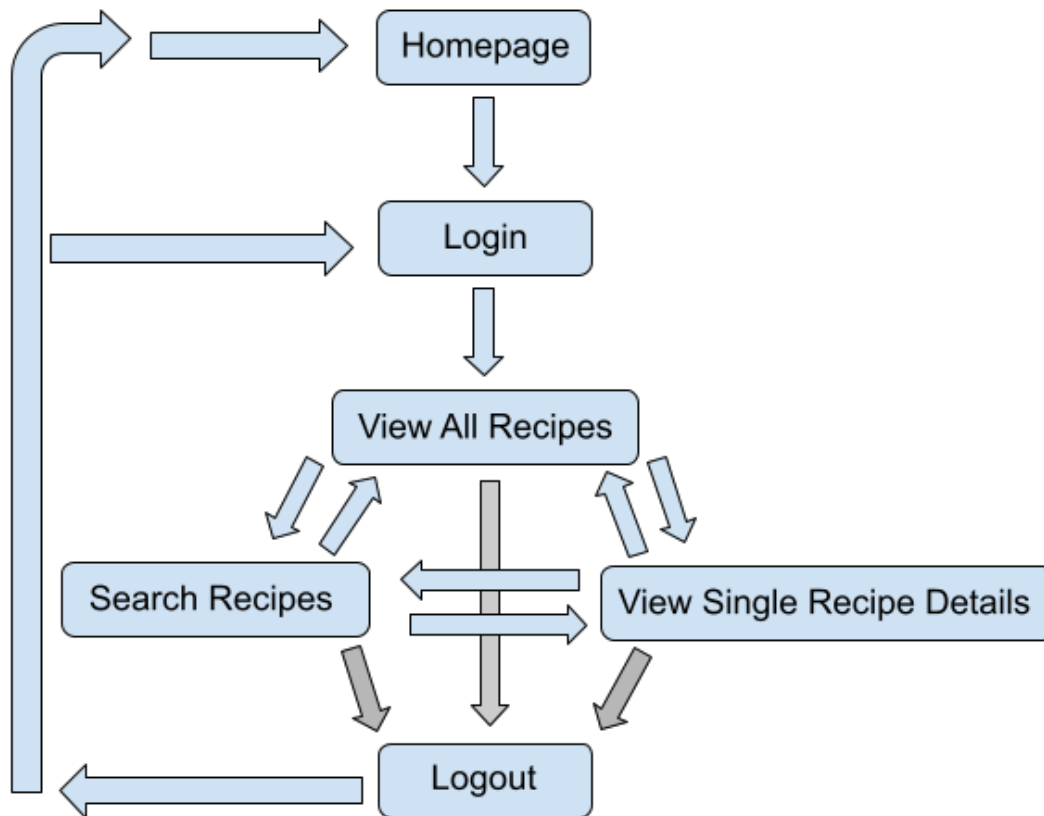
Data Analysis

Charts displayed on user search criteria and only break down the search results.

- **Bar**
    - X-axis: Recipe name
    - Y-axis: Cooking time
- **Pie**
    - Break down recipes by difficulty
    - Label: Percentage of recipes with a given difficulty
    - Y-axis: Cooking time
- **Line**
    - X-axis: Recipe name
    - Y-axis: Cooking time

Execution Flow

1. User lands on homepage
2. User moves to login form
3. User lands on "View all Recipes" page
4. User moves to "Search" page
5. User searches for recipes
6. User views single recipe details
7. User logs out

Notes:

- User can move between "View all," "Search," and "Single Recipe Details" pages.
- Logout is available on "View all," "Search," and "Single Recipe Details" pages.
- From successful logout, user can either go back to homepage or login form.