

## Recipe Name

- **Description**: Users can search for recipes by their name.
- **Example**: Searching for "Spaghetti" will return all recipes that contain "Spaghetti" in their name.

## Data Analysis

Bar Chart: Number of Recipes by Difficulty Level

- **Scenario**: Visualize the distribution of recipes based on their difficulty level (easy, medium, hard).
- **X-axis**: Difficulty Levels (e.g., Easy, Medium, Hard)
- **Y-axis**: Number of Recipes
- **Labels**: Difficulty levels on X-axis, Number of recipes on Y-axis
- **Display Method**: Based on user input

## Execution flow

Welcome page → Login → Recipes Page

Welcome page → Login → Recipes Page → Search For a Recipe

Welcome page → Login → Recipes Page → Choose Chart types