Use Case 1: User inputs ingredients into search bar

Trigger:	User inputs text and hits enter
Primary Actor:	User
Preconditions:	1. Database and frontend developed 2. Search algorithm written
Steps in the Process:	1. User types in a list of ingredients that they have 2. User hits “enter” 3. Receives a list of recipes matches to their input
Minimal Guarantees:	Recipe output matches user input, no errors present
Success Guarantees:	The operation works on a variety of inputs and is functional with no errors or corner cases.
Quality Requirements:	1. The output is in a readable, well stylized and one by one format. 2. Any failed searches (user input of just garbage strings) are handled appropriately and the search bar is reset. 3. Any query that is not found in database is searched in the Yummly API and the results are added to the database.

Use Case 1: “New Search” and “Add Ingredients” buttons

Trigger:	User clicks “Add Ingredients” or “New Search”
Primary Actor:	User
Supporting Actors:	1. Other team members 2. The customer
Preconditions:	The backend, database, and frontend are connected.
Steps in the Process:	1. Enter and submit search ingredients into search box 2. Reach results page 3. Click on either buttons at top of page
Minimal Guarantees:	The user has been able to reach results page after submitting search.
Success Guarantees:	The user successfully submits ingredients and reaches subsequent pages for multiple recipe matches. User clicks “Add” button on later results pages (after pressing “No”) and reaches first page with multiple initial ingredients.
Quality Requirements:	1. Each results page successfully renders individually. 2. Initial ingredients accumulate after clicking “No”.

Use Case 1: User reaches next search using “No” button

Trigger:	User clicks “No” button on results page.
Primary Actor:	User
Supporting Actors:	3. Other team members 4. The customer
Preconditions:	3. The user has succeeded past the input page 4. The front-end is connected to the backend and database.
Steps in the Process:	1. The user scrolls down to the “No” button and clicks button 2. The page now displays the next recipe in match list
Minimal Guarantees:	Page now displays the next recipe in match list
Success Guarantees:	The user may continue to click “No” to display each of the recipes in list and reach ending blank page.
Quality Requirements:	1. The box image on the results page must change to next recipe image. 2. Both “Yes” and “No” buttons must remain and function as initially stated. 3. If only one match is found, then display blank final page.