

- Task 2.7: Search and Visualization Plan
- What I want to do:
 - I want users to be able to search for recipes based on ingredients they type in. For example, if someone types “chicken” or “pasta”, they should find recipes that include that word.
- Search Form:
 - I'll make a simple form where users can type the ingredient they're looking for.
- How it works:
 - When the user clicks submit, the app will look through the recipes in the database and find ones that have that ingredient. It should also work if they don't type the full word — like if they type “chick”, it will still find “chicken” or “chickpeas”.
- Search Results:
 - The results should show up in a table with the recipe name, cooking time, and difficulty. The recipe name should be a link so that users can click it and go to the full recipe page.
- Visuals:
 - Below the table, I'll show a simple chart based on the results. Maybe how many recipes fall under easy, medium, or hard. Just something to make it look nice and show a quick summary.
- Additional Ideas (if I have time):
 - Let users search by more than just ingredients (like cooking time).
 - Add more charts later, like which ingredients are used the most.