



CPSC 321 Project Part 2: Refinements and UI

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Topic: Recipes

Functional Requirements:

1. Add recipes to a database
2. Delete recipes from database
3. Add, change, remove, or search using recipes details including:
 - a. Food type
 - b. Cuisine Type
 - c. Ingredient(s)
 - d. Dietary Restriction(s)
 - e. Chef/Author
 - f. Cooking Method
4. View recipe page
 - a. Description
 - b. Instructions
 - c. Ingredients
 - d. Chef
5. View recipe ratings
6. View recipe combinations/meals
 - a. Contains multiple recipes

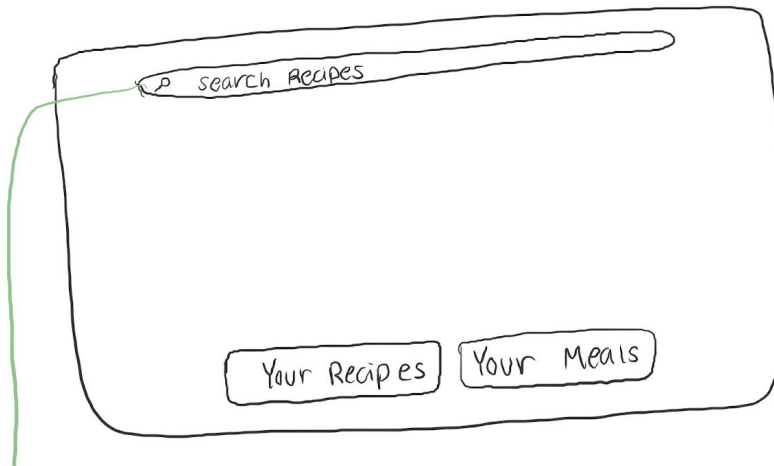
User Interactions:

Users will be able to both search for and enter their own recipes into the database. The user can search using a variety of filters, such as food type (hamburger, pizza, etc), cuisine type (korean, italian, etc) and other attributes. The user can also search for recipes that contain one or more specified ingredients. The search results will be displayed as a list of recipes. The user can then click for more information on the recipe. Additionally, the user should be able to search for a chef and see all of the recipes made by them. When the user views a recipe, it will display the ingredients, instructions, and author/chef. The user will be able to enter their own recipes, with each recipe containing food type, cuisine type, specific ingredients, and instructions. Additionally, the user will be able to modify recipes. Each recipe can have zero or more ratings; users can rate different recipes if they wish. The user will also be able to view or build recipe combinations or meals.

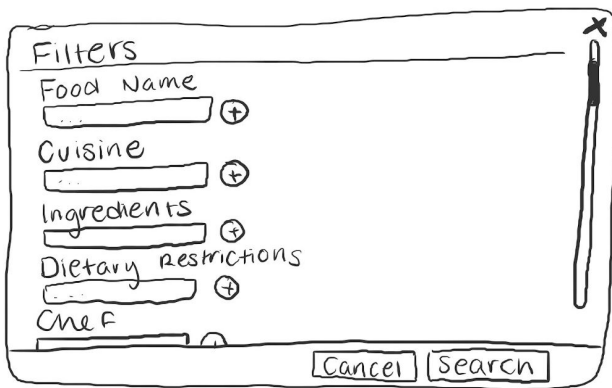
** Need to support "complex" queries as well, eg, creates,*

w/ group by, aggregation,
subqueries


User Interface:



A hand-drawn sketch of a main search interface. It features a search bar at the top with the placeholder text "search Recipes". Below the search bar are two buttons: "Your Recipes" and "Your Meals". A green line is drawn from the search bar down towards the filters panel.



A hand-drawn sketch of a filters panel. It has a title "Filters" and a close button "X" in the top right corner. The panel contains five filter categories, each with a text input field and a plus icon: "Food Name", "Cuisine", "Ingredients", "Dietary restrictions", and "Chef". At the bottom of the panel are two buttons: "Cancel" and "Search". A green arrow points from the "Search" button down to the results panel.



A hand-drawn sketch of a results panel. It has a title "Results" and a close button "X" in the top right corner. The panel displays a list of three items, each with a horizontal line separating the food name, chef name, and rating: "Burger | Gordon Ramsay | 5★", "Fries | Guy Fieri | 4★", and "Salad | Alton Brown | 3★". A vertical scrollbar is on the right side of the list.

Results			X
Burger	Gordon Ramsay	5★	✎
Fries	Guy Fieri	4★	
Salad	Alton Brown	3★	



Burger		5★ X
Gordon Ramsay		
Ingredients - 2 lbs of beef - hamburger buns	Description Cuisine: American Food: Burger Dietary Rest: None Cooking Method:	
Instructions 1) preheat oven 2) make burger		

Search bar

Your Recipes Your Meals

Your Meals

Dinner
Burgers, Fries, waffles...

Breakfast
eggs, toast

Your Meals

Dinner
Burgers, Fries, waffles...

Breakfast
eggs, toast

Dinner

Burgers
Fries
waffles


Edit

Dinner

Burgers


Fries


Waffles


 Edit




Dinner


Burgers 


Fries 


Waffles 




Dinner

Burgers 

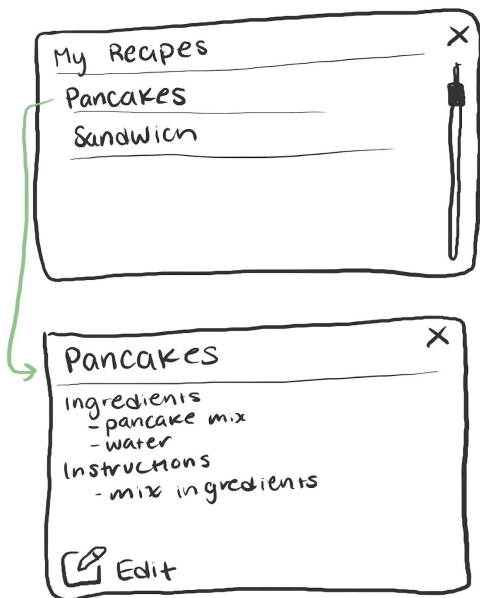
Fries 

Waffles 





 search



Pancakes

Ingredients

- pancake mix

- water

Instructions

- mix ingredients

Edit

Pancakes

Ingredients

pancake mix

water

add ingredient

Instruction

1) mix

add step

save

★ great
start