Grandma Edna’s Cooking Blog

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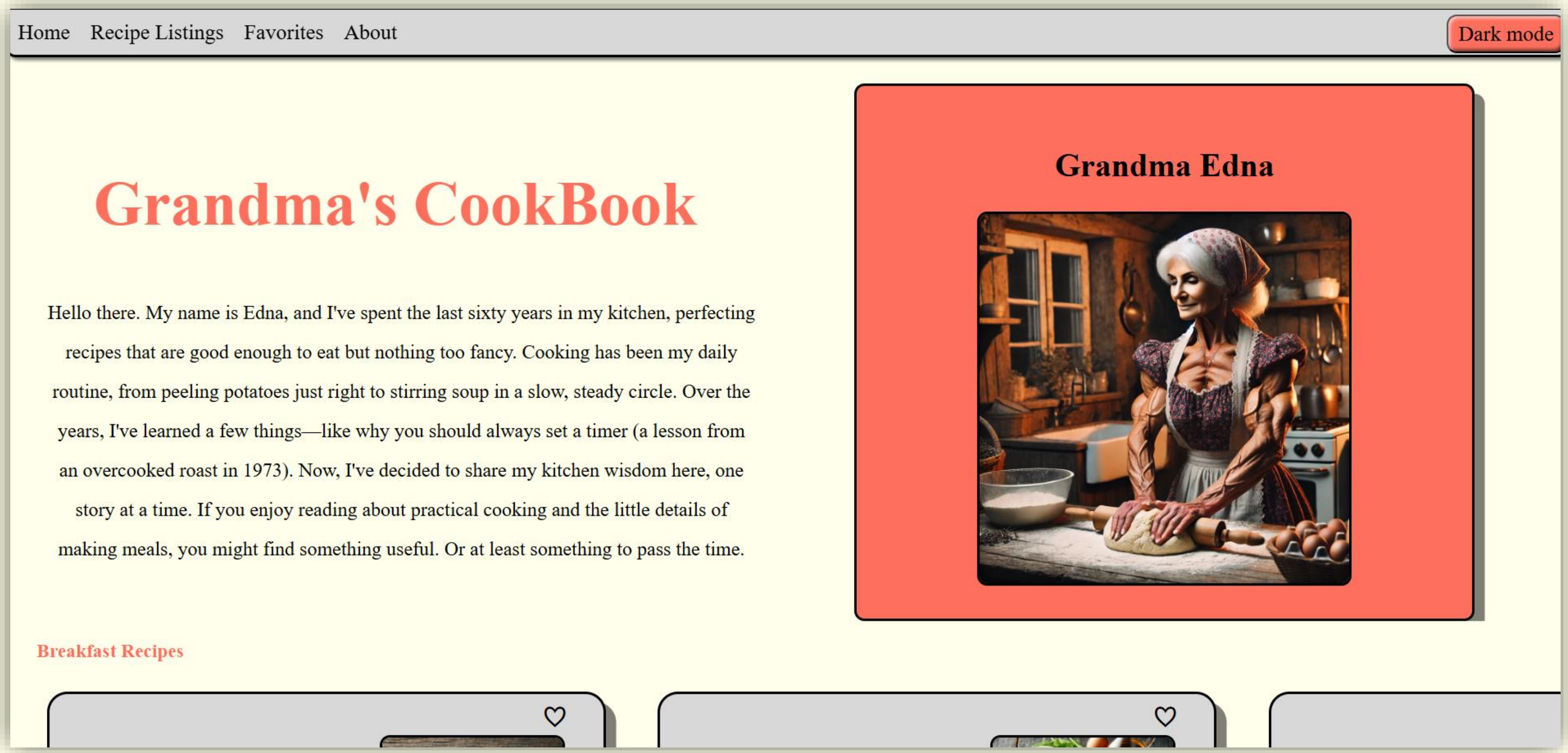
Overview

- Our Product
- Why Did We Do What We Did?
- What Was Required?
- Tasks 5-7
- Additional Target Features
- What Needs Improved on and What’s Next
- Challenges
- Demo

Our Product

“A warm and homey cooking Blog for Grandma Edna to share her story and treasured recipes”

-New York Times



Grandma's CookBook

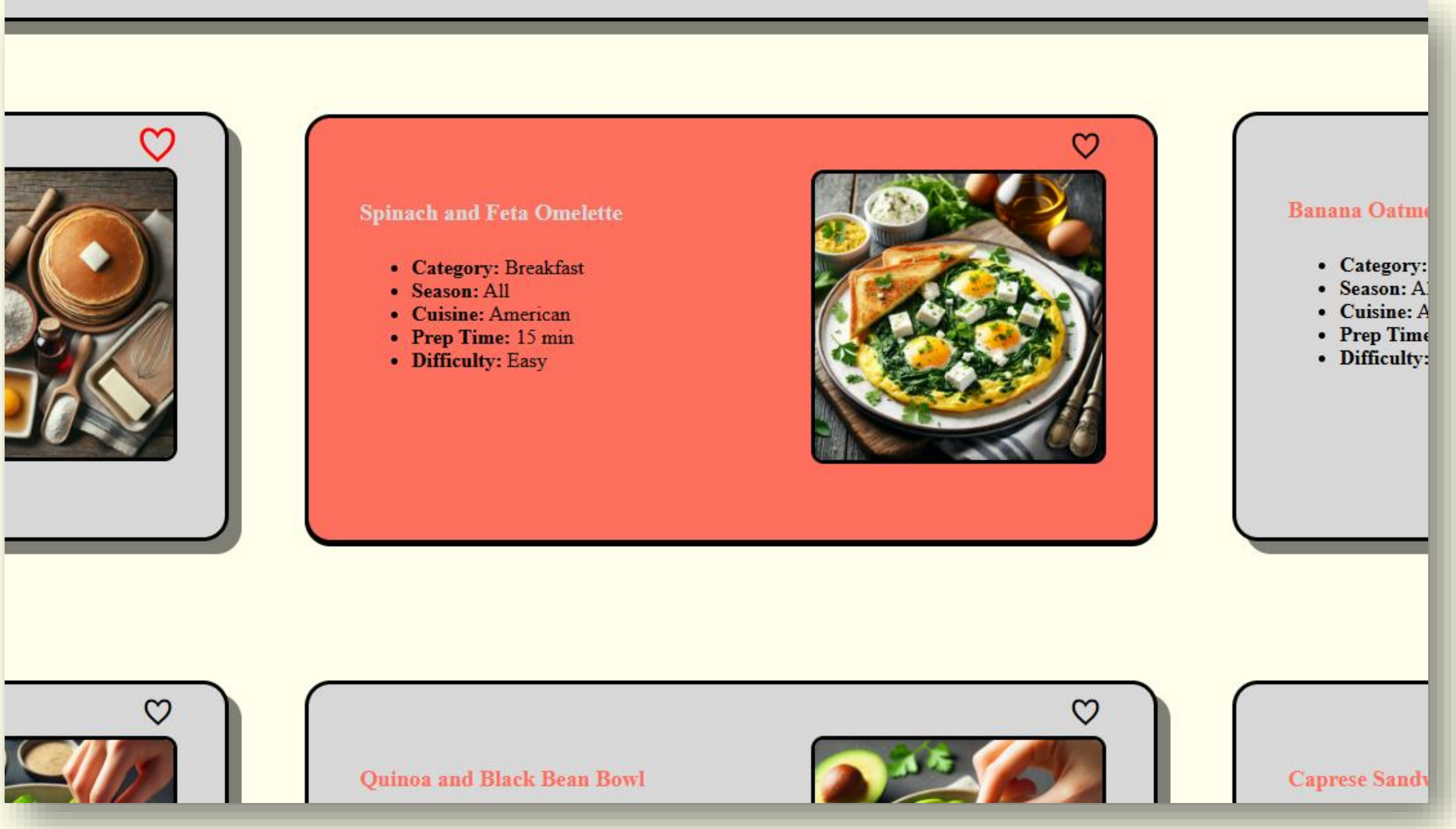
Hello there. My name is Edna, and I've spent the last sixty years in my kitchen, perfecting recipes that are good enough to eat but nothing too fancy. Cooking has been my daily routine, from peeling potatoes just right to stirring soup in a slow, steady circle. Over the years, I've learned a few things—like why you should always set a timer (a lesson from an overcooked roast in 1973). Now, I've decided to share my kitchen wisdom here, one story at a time. If you enjoy reading about practical cooking and the little details of making meals, you might find something useful. Or at least something to pass the time.

Grandma Edna

Breakfast Recipes

Why Did We Do What We Did?

- Warm Colors
- Bubbly Layout



Spinach and Feta Omelette

- **Category:** Breakfast
- **Season:** All
- **Cuisine:** American
- **Prep Time:** 15 min
- **Difficulty:** Easy

Banana Oatme

- **Category:**
- **Season:** A
- **Cuisine:** A
- **Prep Time**
- **Difficulty:**

Quinoa and Black Bean Bowl

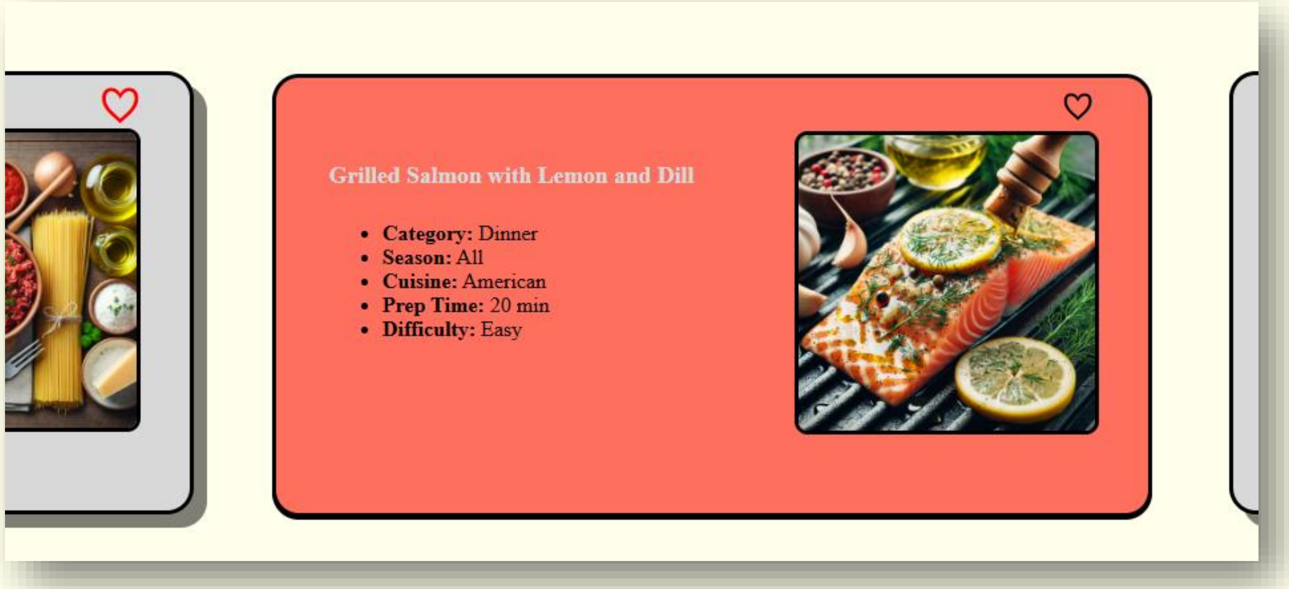
Caprese Sandv

What Was Required?

- Task 5 – Add smooth transitions and interactivity
- Task 6 – Display recipe data dynamically using JS
- Task 7 – Enable users to search for recipes

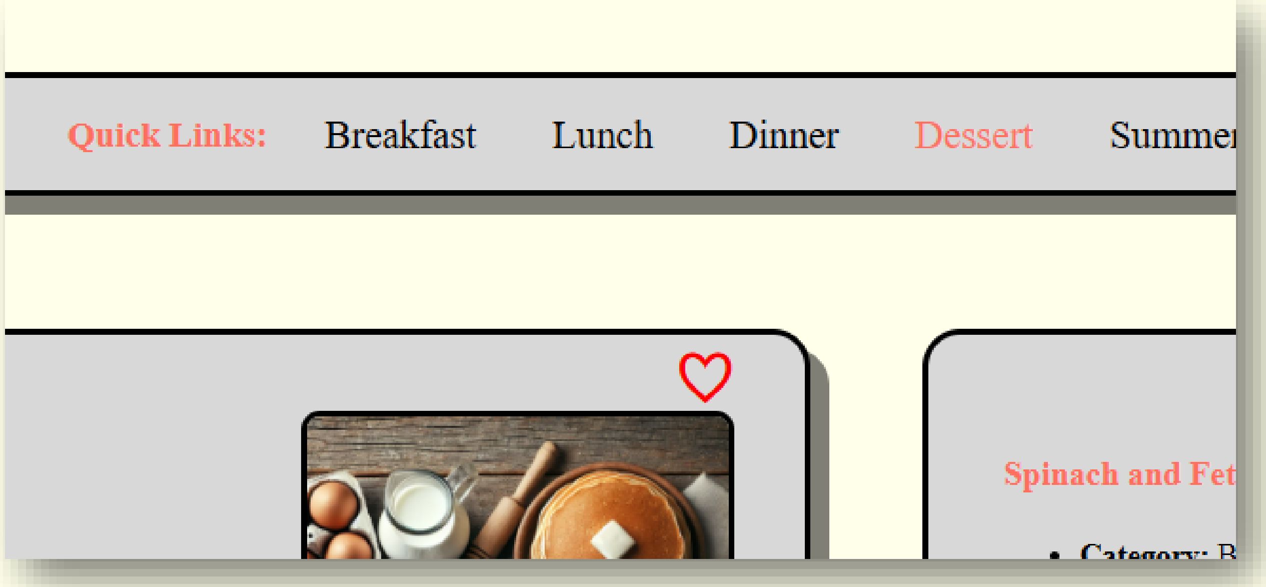
Task 5

- Use animations for hover effects
- Implement smooth scrolling
- Add feedback animations



Grilled Salmon with Lemon and Dill

- **Category:** Dinner
- **Season:** All
- **Cuisine:** American
- **Prep Time:** 20 min
- **Difficulty:** Easy



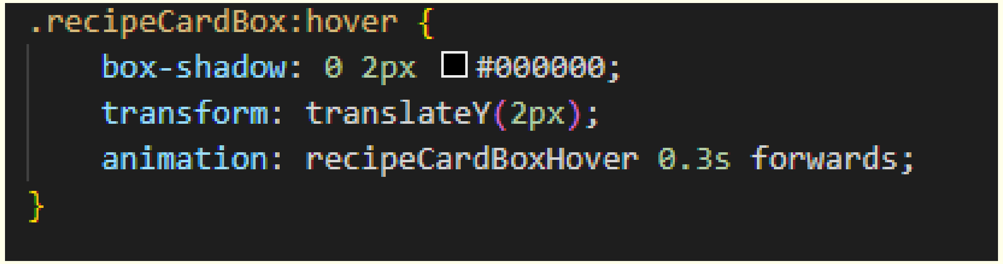
Quick Links: Breakfast Lunch Dinner Dessert Summer

Spinach and Fet

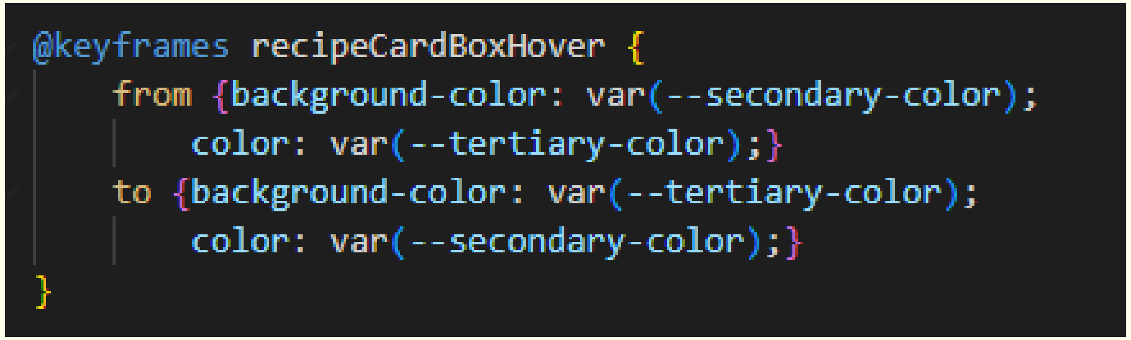
- **Category:** B

Task 5: How?

Using animation to call keyframes

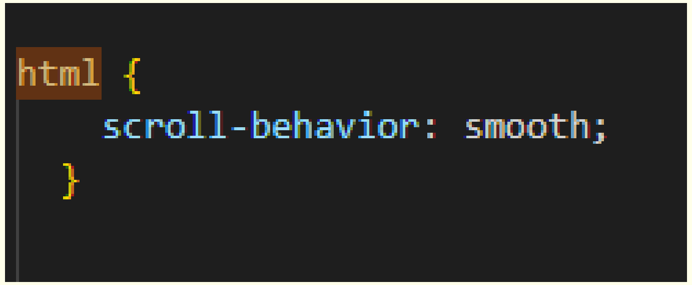


```
.recipeCardBox:hover {
    box-shadow: 0 2px □#000000;
    transform: translateY(2px);
    animation: recipeCardBoxHover 0.3s forwards;
}
```



```
@keyframes recipeCardBoxHover {
    from {background-color: var(--secondary-color);
        color: var(--tertiary-color);}
    to {background-color: var(--tertiary-color);
        color: var(--secondary-color);}
}
```

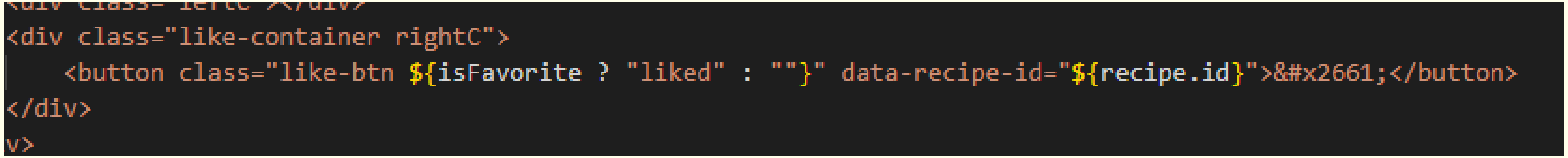
Set every html element to smooth scroll



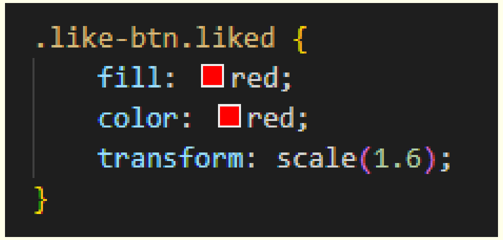
```
html {
    scroll-behavior: smooth;
  }
```

Task 5: How? Continued

- Toggle Class if id is favorited



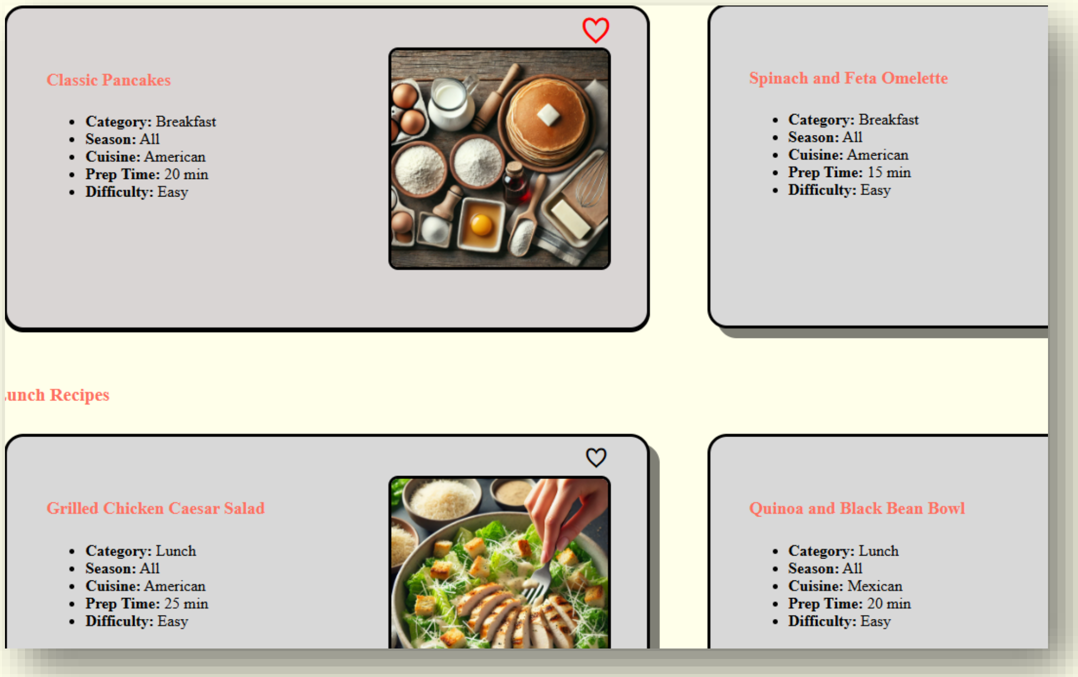
```
<div class="leftC"></div>
<div class="like-container rightC">
    <button class="like-btn ${isFavorite ? "liked" : ""}" data-recipe-id="${recipe.id}">&#x2661;</button>
</div>
v>
```



```
.like-btn.liked {
    fill: 🟥red;
    color: 🟥red;
    transform: scale(1.6);
}
```

Task 6

- Use a sample JSON file to store recipe data
- Write JS to dynamically populate recipe cards
- Implement a paginated view for recipe listings



Classic Pancakes

- **Category:** Breakfast
- **Season:** All
- **Cuisine:** American
- **Prep Time:** 20 min
- **Difficulty:** Easy

Spinach and Feta Omelette

- **Category:** Breakfast
- **Season:** All
- **Cuisine:** American
- **Prep Time:** 15 min
- **Difficulty:** Easy

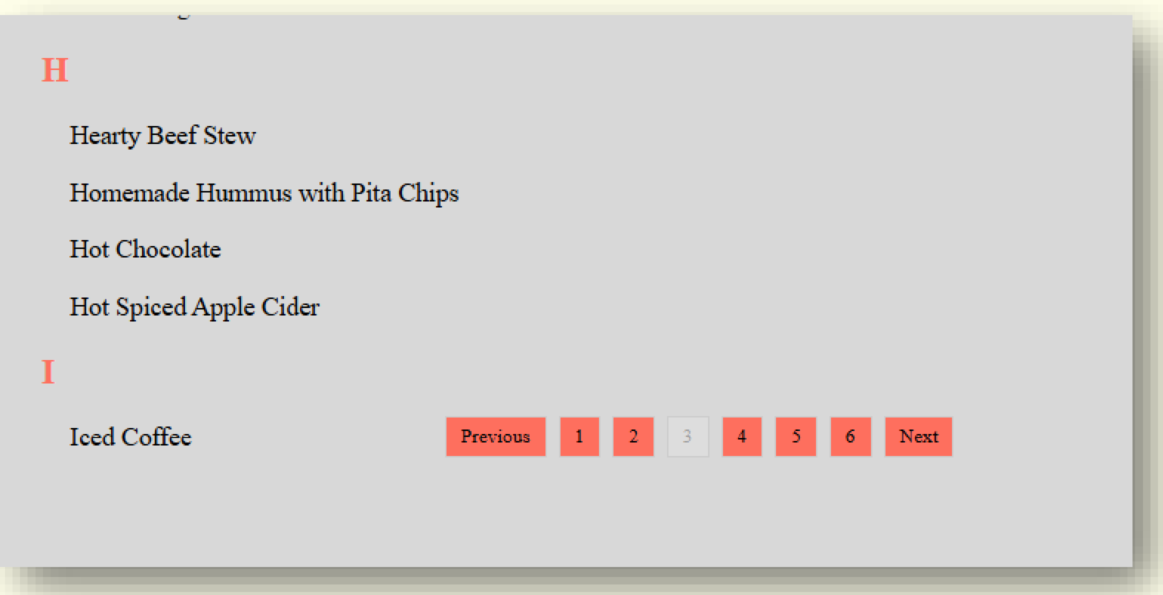
unch Recipes

Grilled Chicken Caesar Salad

- **Category:** Lunch
- **Season:** All
- **Cuisine:** American
- **Prep Time:** 25 min
- **Difficulty:** Easy

Quinoa and Black Bean Bowl

- **Category:** Lunch
- **Season:** All
- **Cuisine:** Mexican
- **Prep Time:** 20 min
- **Difficulty:** Easy



H

Hearty Beef Stew

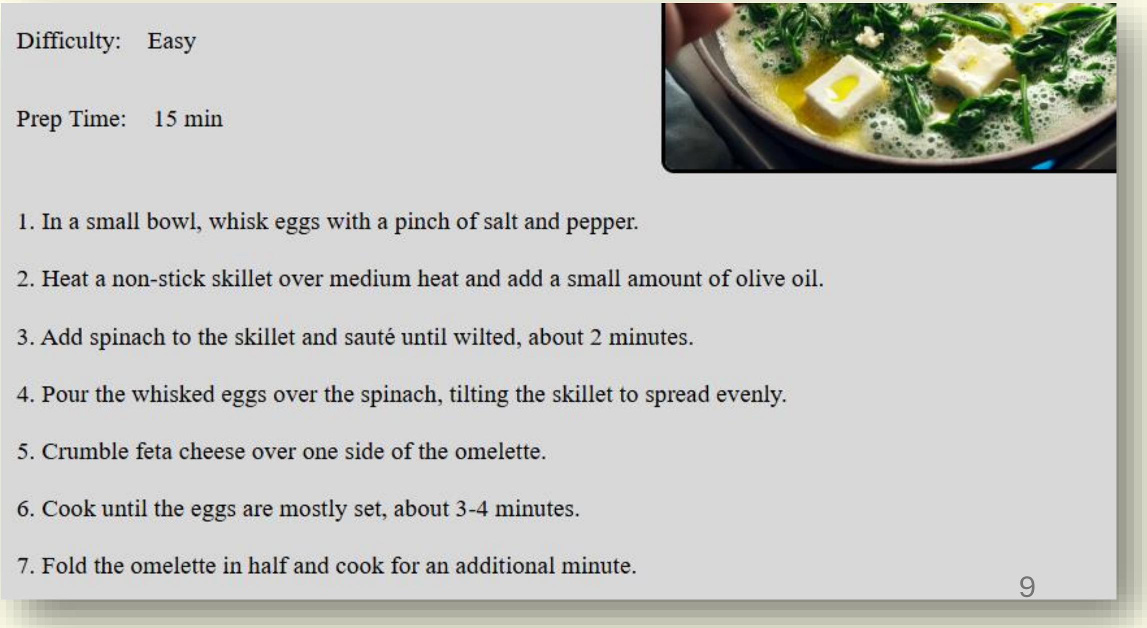
Homemade Hummus with Pita Chips

Hot Chocolate

Hot Spiced Apple Cider

I

Iced Coffee



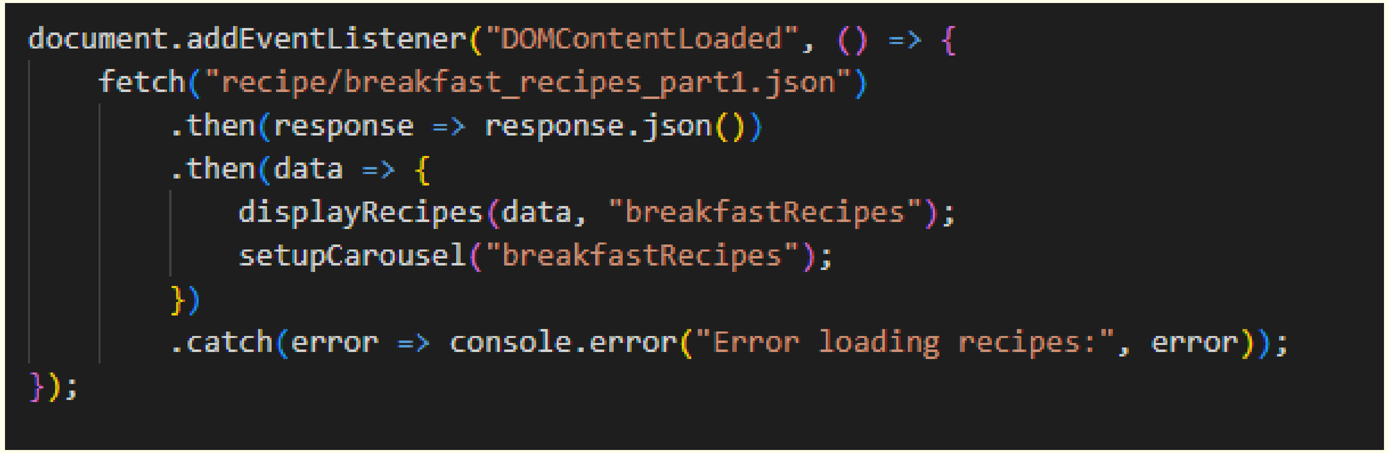
Difficulty: Easy

Prep Time: 15 min

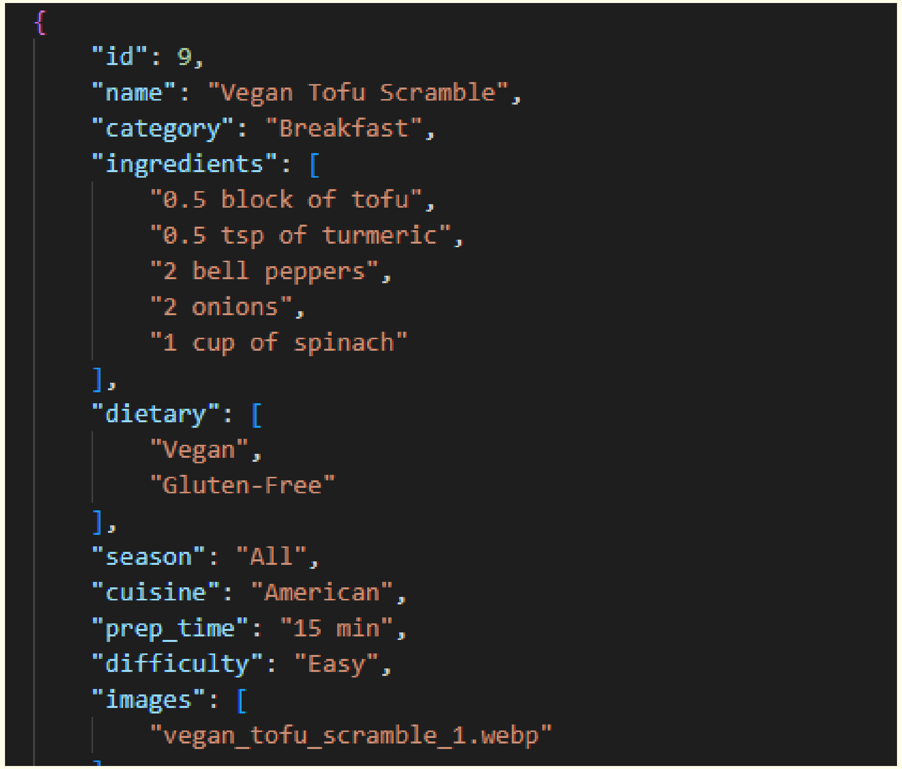
1. In a small bowl, whisk eggs with a pinch of salt and pepper.
2. Heat a non-stick skillet over medium heat and add a small amount of olive oil.
3. Add spinach to the skillet and sauté until wilted, about 2 minutes.
4. Pour the whisked eggs over the spinach, tilting the skillet to spread evenly.
5. Crumble feta cheese over one side of the omelette.
6. Cook until the eggs are mostly set, about 3-4 minutes.
7. Fold the omelette in half and cook for an additional minute.

Task 6: How?

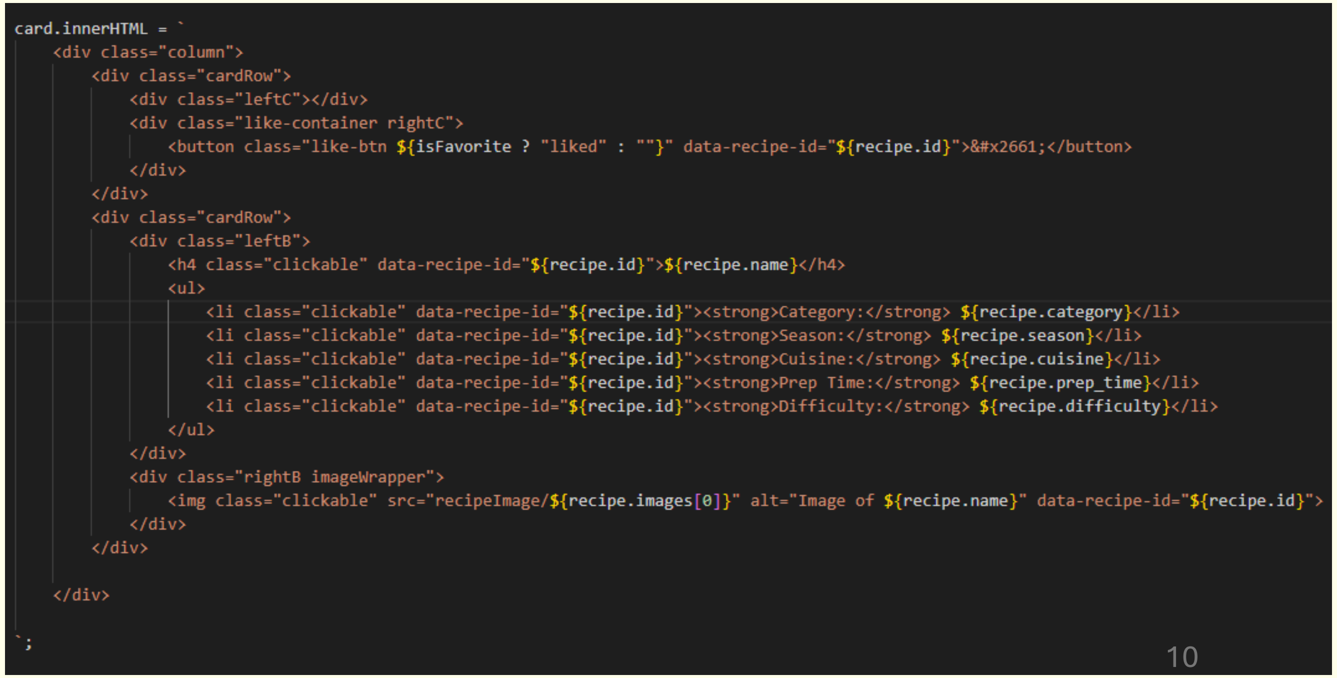
- Loop through given files
- Create custom div and fill in sections



```
document.addEventListener("DOMContentLoaded", () => {
    fetch("recipe/breakfast_recipes_part1.json")
        .then(response => response.json())
        .then(data => {
            displayRecipes(data, "breakfastRecipes");
            setupCarousel("breakfastRecipes");
        })
        .catch(error => console.error("Error loading recipes:", error));
});
```



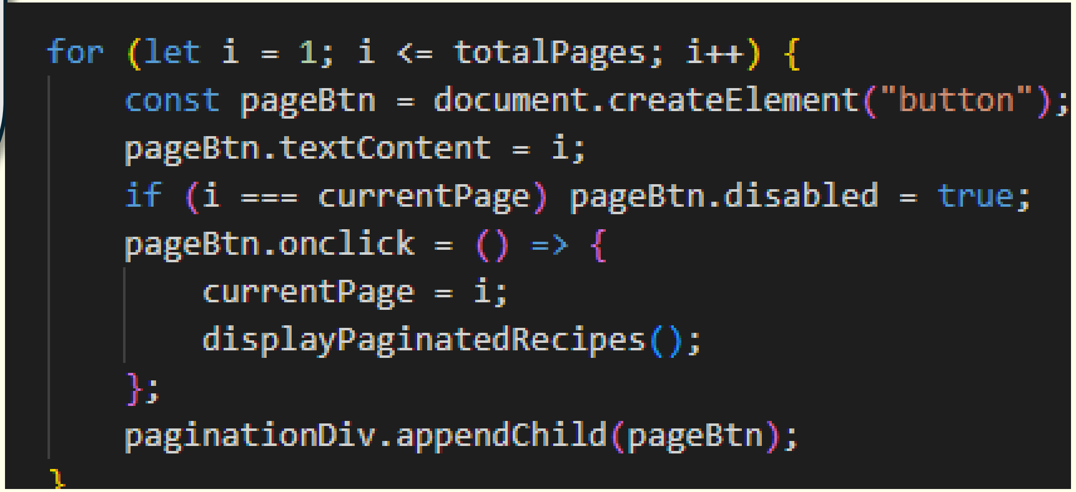
```
{
    "id": 9,
    "name": "Vegan Tofu Scramble",
    "category": "Breakfast",
    "ingredients": [
        "0.5 block of tofu",
        "0.5 tsp of turmeric",
        "2 bell peppers",
        "2 onions",
        "1 cup of spinach"
    ],
    "dietary": [
        "Vegan",
        "Gluten-Free"
    ],
    "season": "All",
    "cuisine": "American",
    "prep_time": "15 min",
    "difficulty": "Easy",
    "images": [
        "vegan_tofu_scramble_1.webp"
```



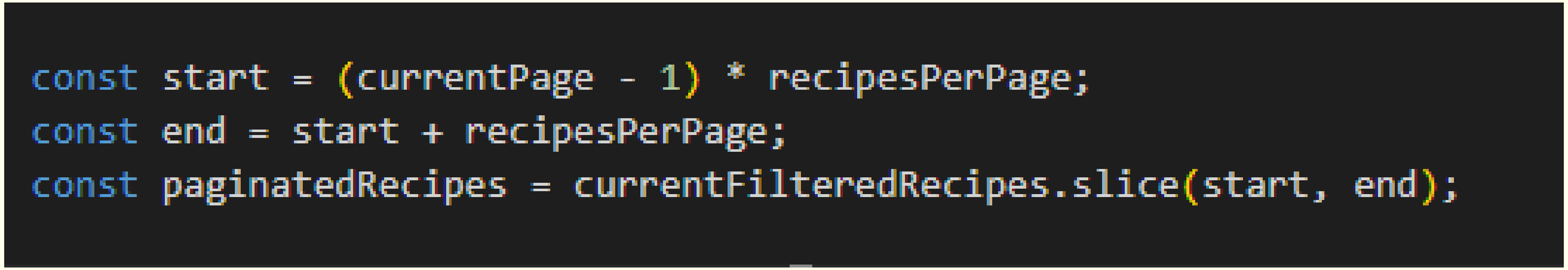
```
card.innerHTML = `
    <div class="column">
        <div class="cardRow">
            <div class="leftC"></div>
            <div class="like-container rightC">
                <button class="like-btn ${isFavorite ? "liked" : ""}" data-recipe-id="${recipe.id}">&#x2661;</button>
            </div>
        </div>
        <div class="cardRow">
            <div class="leftB">
                <h4 class="clickable" data-recipe-id="${recipe.id}">${recipe.name}</h4>
                <ul>
                    <li class="clickable" data-recipe-id="${recipe.id}"><strong>Category:</strong> ${recipe.category}</li>
                    <li class="clickable" data-recipe-id="${recipe.id}"><strong>Season:</strong> ${recipe.season}</li>
                    <li class="clickable" data-recipe-id="${recipe.id}"><strong>Cuisine:</strong> ${recipe.cuisine}</li>
                    <li class="clickable" data-recipe-id="${recipe.id}"><strong>Prep Time:</strong> ${recipe.prep_time}</li>
                    <li class="clickable" data-recipe-id="${recipe.id}"><strong>Difficulty:</strong> ${recipe.difficulty}</li>
                </ul>
            </div>
            <div class="rightB imageWrapper">
                <img class="clickable" src="recipeImage/${recipe.images[0]}" alt="Image of ${recipe.name}" data-recipe-id="${recipe.id}">
            </div>
        </div>

    </div>

`;
```

Task 6: How? Continued…

- Grabs the indexes for the recipes that fall within the index range
- Switch pages when button pressed and display page based on what page ‘i’ equals



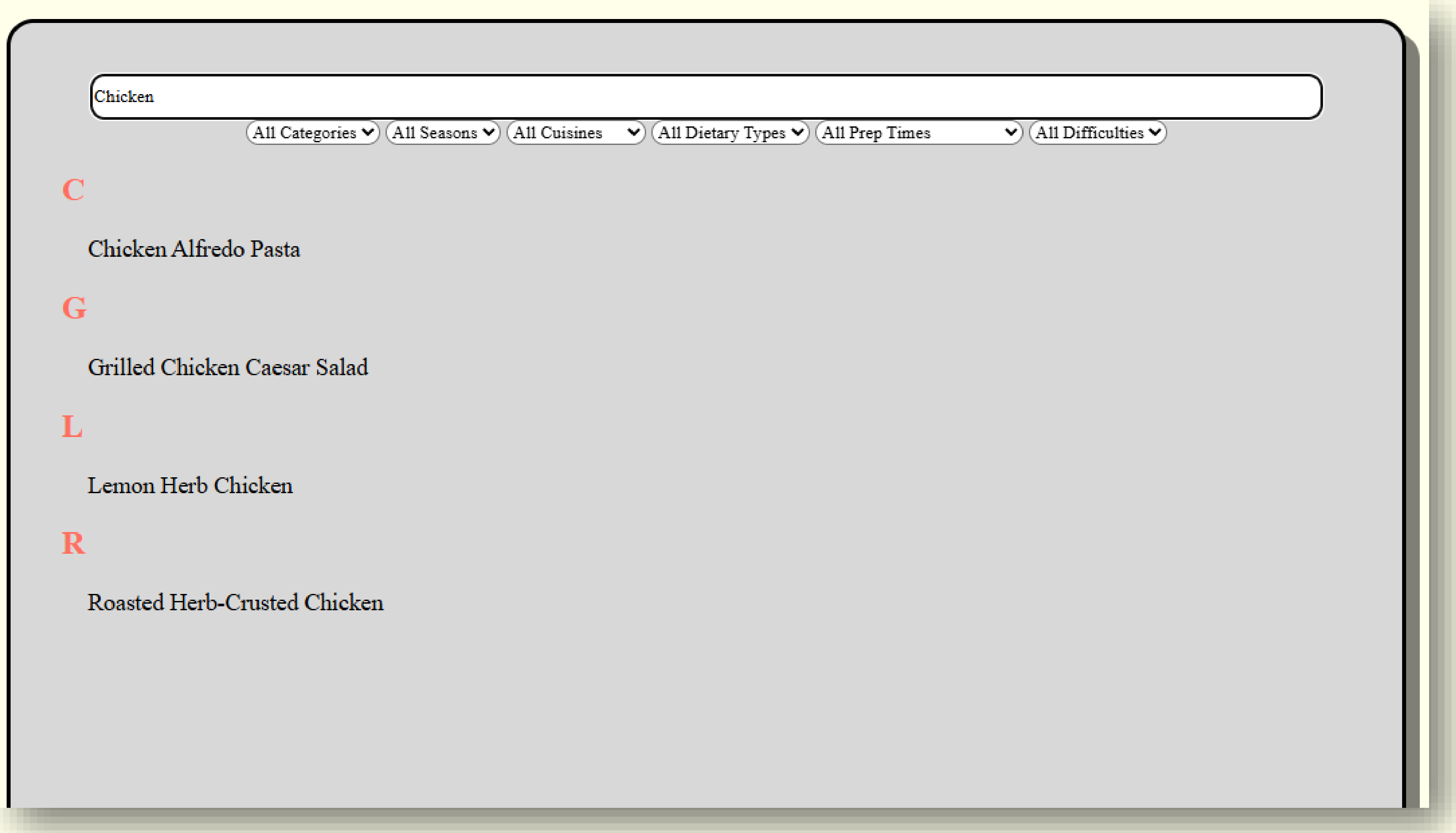
```
for (let i = 1; i <= totalPages; i++) {
    const pageBtn = document.createElement("button");
    pageBtn.textContent = i;
    if (i === currentPage) pageBtn.disabled = true;
    pageBtn.onclick = () => {
        currentPage = i;
        displayPaginatedRecipes();
    };
    paginationDiv.appendChild(pageBtn);
}
```



```
const start = (currentPage - 1) * recipesPerPage;
const end = start + recipesPerPage;
const paginatedRecipes = currentFilteredRecipes.slice(start, end);
```

Task 7

- Add a search bar to the website
- Write JS to filter recipes based on user input
- Highlight search results and ensure usability



Chicken

C

Chicken Alfredo Pasta

G

Grilled Chicken Caesar Salad

L

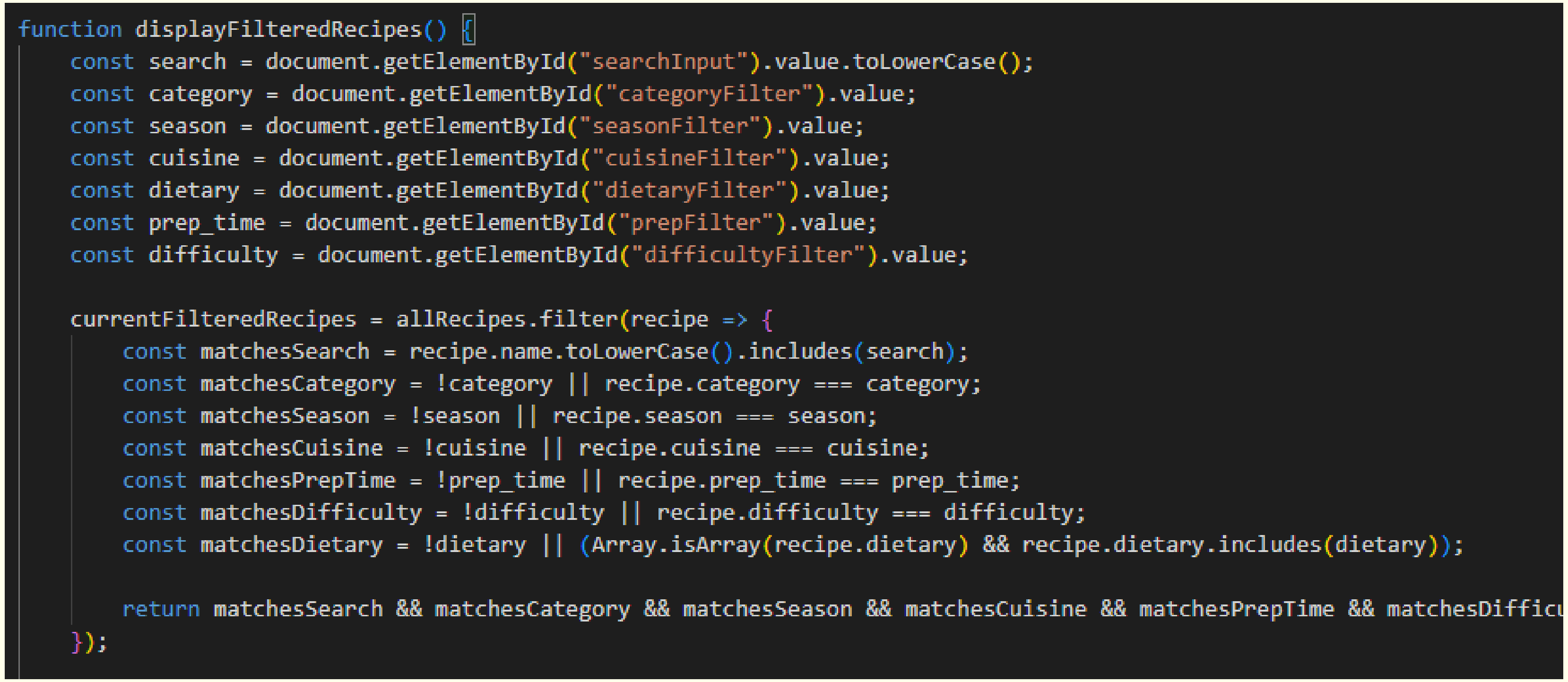
Lemon Herb Chicken

R

Roasted Herb-Crusted Chicken

Task 7: How?

- Grab which filters are selected
- Check if recipe is in category or if there is no category selected
- Add event listener for which filter is applied



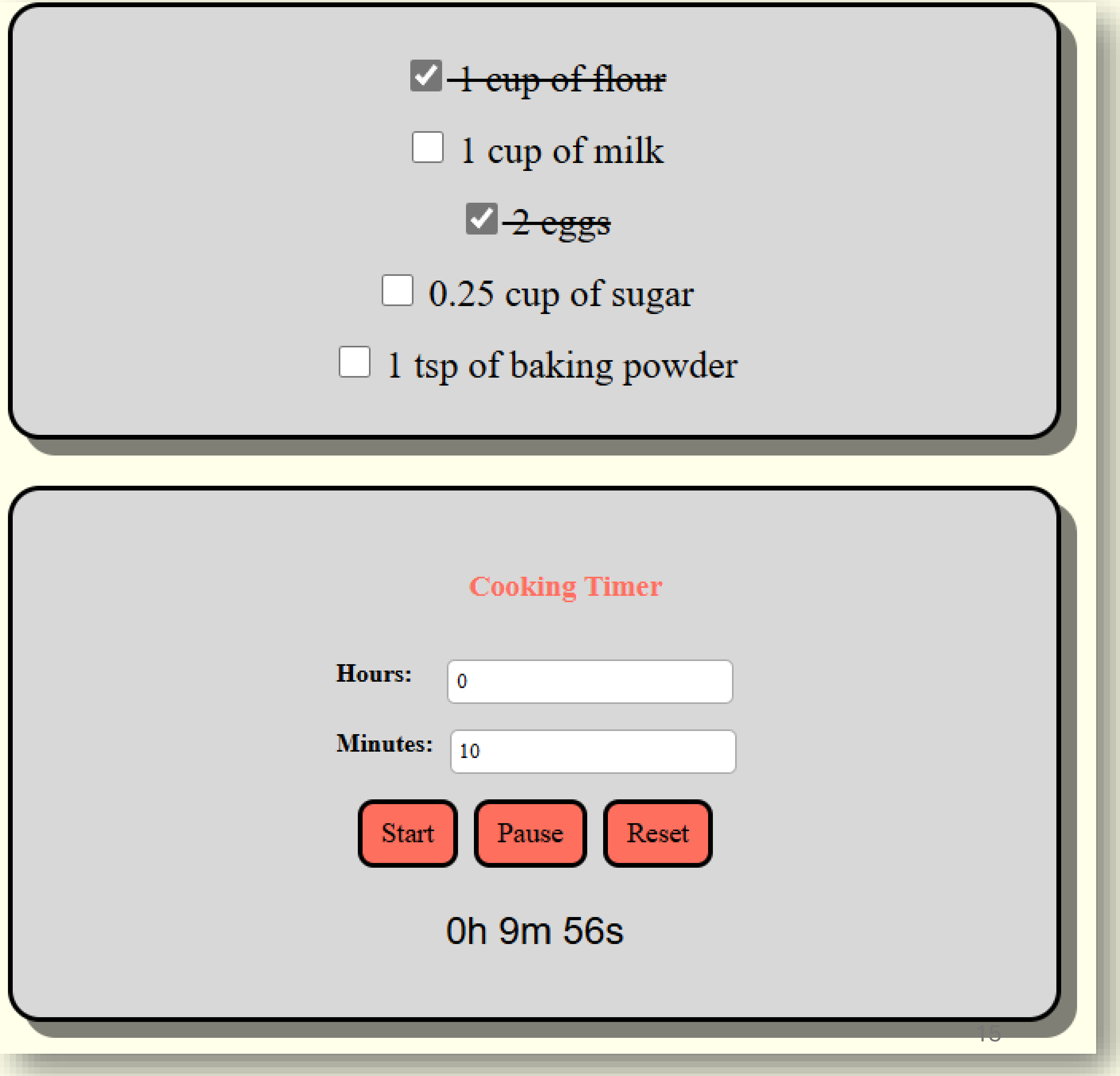
```
function displayFilteredRecipes() {
    const search = document.getElementById("searchInput").value.toLowerCase();
    const category = document.getElementById("categoryFilter").value;
    const season = document.getElementById("seasonFilter").value;
    const cuisine = document.getElementById("cuisineFilter").value;
    const dietary = document.getElementById("dietaryFilter").value;
    const prep_time = document.getElementById("prepFilter").value;
    const difficulty = document.getElementById("difficultyFilter").value;

    currentFilteredRecipes = allRecipes.filter(recipe => {
        const matchesSearch = recipe.name.toLowerCase().includes(search);
        const matchesCategory = !category || recipe.category === category;
        const matchesSeason = !season || recipe.season === season;
        const matchesCuisine = !cuisine || recipe.cuisine === cuisine;
        const matchesPrepTime = !prep_time || recipe.prep_time === prep_time;
        const matchesDifficulty = !difficulty || recipe.difficulty === difficulty;
        const matchesDietary = !dietary || (Array.isArray(recipe.dietary) && recipe.dietary.includes(dietary));

        return matchesSearch && matchesCategory && matchesSeason && matchesCuisine && matchesPrepTime && matchesDifficu
    });
```

Additional Target Features

- Cooking Timer – Completed
- Interactive Ingredient Checklist – Completed
- Theme Switcher – Completed
- Recipe Categories/Tags - Completed
- Dynamic Recipe Sorting – Completed

Additional Target Features

- Cooking Timer – Completed
  - Utilizes JS `Date().getTime();`
- Interactive Ingredient Checklist – Completed
  - Used an event listener to keep track of it being checked



☑ ~~1 cup of flour~~

□ 1 cup of milk

☑ ~~2 eggs~~

□ 0.25 cup of sugar

□ 1 tsp of baking powder

Cooking Timer

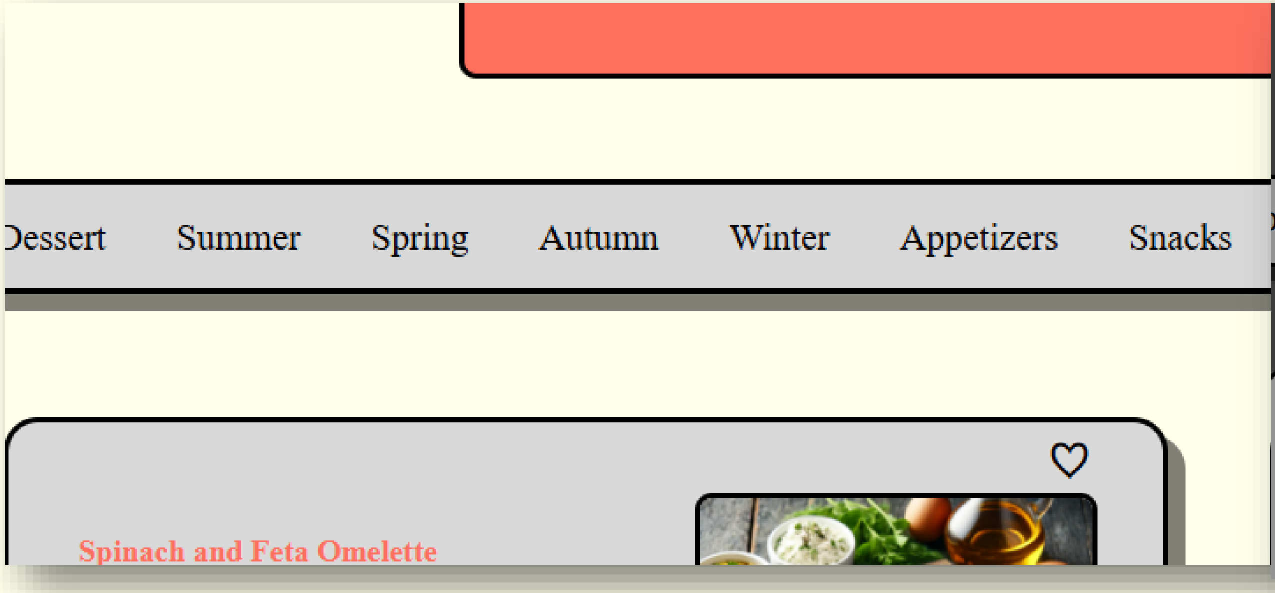
Hours: 0

Minutes: 10

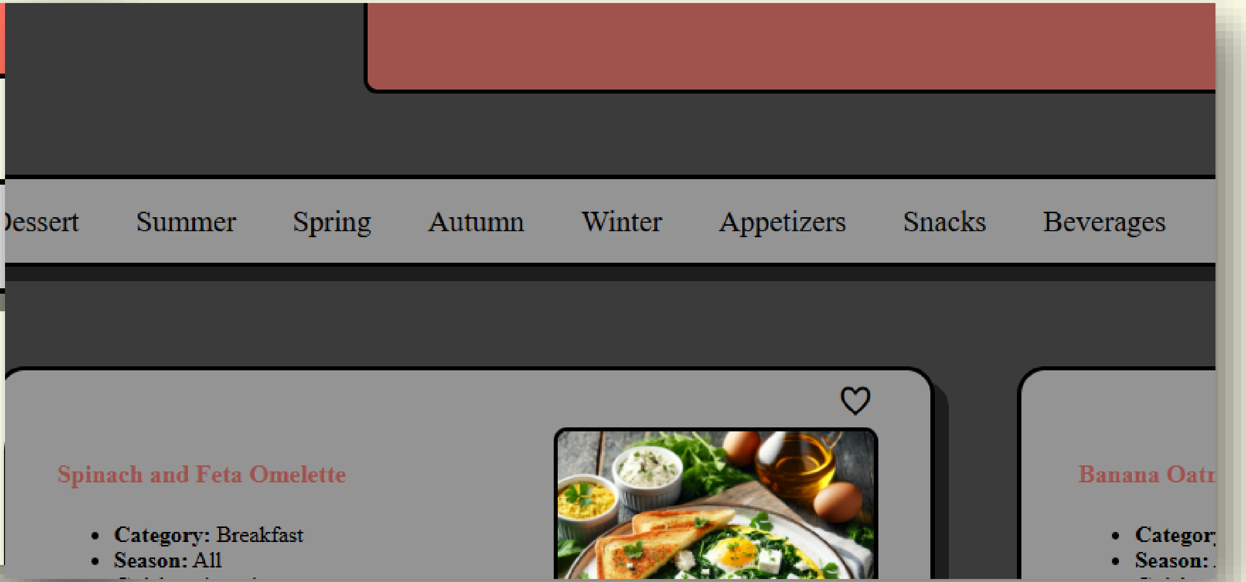
0h 9m 56s

Additional Target Features Continued..

- Theme Switcher – Completed
  - Used scss data-themes



Spinach and Feta Omelette



Spinach and Feta Omelette

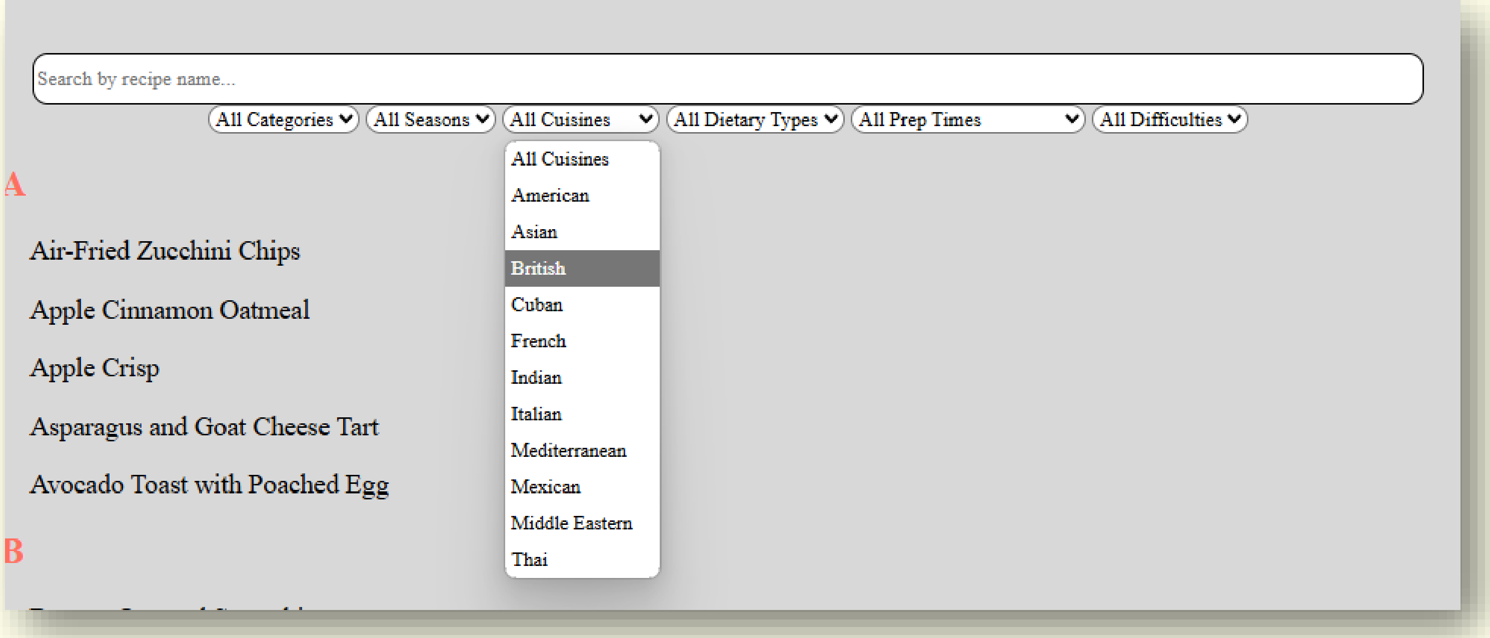
- **Category:** Breakfast
- **Season:** All

Banana Oatr

- **Categor**
- **Season:**

Additional Target Features Continued..

- Recipe Categories/Tags - Completed
- Dynamic Recipe Sorting – Completed
  - Utilized JSON tag matching



A

Air-Fried Zucchini Chips

Apple Cinnamon Oatmeal

Apple Crisp

Asparagus and Goat Cheese Tart

Avocado Toast with Poached Egg

B

Challenges

Layout & Spacing

What Needs Improved on and What’s Next

- Overall code quality
- Layout and sizing issues with certain screen sizes
- Further testing and fixing small bugs
- Peer review

Demo

- http://10.26.1.113/team5/CSC351FinalProject/index.html