

Recipe Management Website

I have built this Recipe Management website for the assignment 2. The website is just a simple crud website with additional functionality using JavaScript making it more dynamic. I have added additional styling, not the best though but I did my best with help from YouTube, W3school and other internet resources. So, what can this website do?

1. Adding and Storing Recipes.

Users can add recipes with title, category, ingredients, instructions and an image. I created a class for these objects and assigned a default image in case the user has not provided any image.

Recipes are stored in an array called newRecipe and are saved to localStorage, so they don't disappear when you refresh the page.

2. Browsing and Filtering Recipes.

Recipes are displayed in a neat grid layout and categories are automatically detected and turned into filter buttons, so you can browse specific type of recipes easily. For instance, if there is a category named seafood. If you click on the seafood, it shows you all recipes that are under the category.

3. Searching for Recipes.

The search bar to quickly find recipes by title and category, although I was not able to fully make this feature work, I added it here in my summary just to highlight that it was a nice thing to have on the website and use JS to make it work.

4. API integration

I have integrated TheMealDB API to fetch random recipes. The website pulls in real recipes from the API and structures them like the ones the user adds. I have also added a button to make the API call when clicked instead of when the page refreshes so as not to abuse the API which might result in a block

5. Recipe Details with a Modal Popup

Clicking a recipe opens a nice modal with full details, including ingredients and instructions. I have also added Swiper.js on the homepage to make it look more dynamic. Does not do much, just something fancy that I felt added an extra touch to the website.

6. Saving and Deleting

Recipes stay saved in the localStorage even after you close the browser. If you want to remove or don't like a recipe anymore, I have added a delete button that deletes the recipe and localStorage updates instantly.

