

Project Title	Recipe Book
Technologies	HTML, CSS, JavaScript
Project Difficulties level	Hard

Project Description:

Objective: In this web development assignment, you will create a Recipe Book web application. The goal is to allow users to add, view, and search for recipes. You'll be using HTML, CSS, and JavaScript to build this application.

Requirements:**User Interface:**

- Create a user-friendly interface where users can input and view recipes.
- Design an attractive layout using HTML and CSS.
- The interface should include fields for the recipe's name, ingredients, preparation steps, and an image of the finished dish.
- Display recipes in a clear and organized format.

Add Recipes:

- Implement a feature that allows users to add new recipes to the Recipe Book.
- Users should be able to enter the recipe name, ingredients, preparation steps, and upload an image.
- Validate the input data to ensure it's complete and accurate.

View Recipes:

- Create a section that displays all the recipes stored in the Recipe Book.
- Recipes should be presented in a visually appealing format.

- Users should be able to click on a recipe to view its details.

Search Functionality:

- Implement a search feature that allows users to find recipes based on keywords or ingredients.
- When a user enters a search query, the application should display relevant recipes.

Storage:

- Recipes and their details should be stored locally in the browser. You can use JavaScript to achieve this.
- Recipes should persist even if the user refreshes the page or closes the browser.

User Experience:

- Ensure a smooth and intuitive user experience. Users should be able to add, view, and search for recipes without encountering errors.

Grading Criteria:

Your project will be evaluated based on the following criteria:

- **Functionality:** Does the Recipe Book allow users to add, view, and search for recipes effectively?
- **User Interface:** Is the interface well-designed and visually appealing?
- **Code Quality:** Is the code organized, commented, and free from errors?
- **Search Functionality:** Does the search feature return accurate results?
- **Data Persistence:** Do recipes persist across sessions?

Submission:

Please submit your project as a zip file containing all the necessary HTML, CSS, and JavaScript files. Include a readme.txt file with any additional instructions or comments.

Additional Notes:

- You are encouraged to use external libraries or frameworks to enhance your project, but be sure to mention them in your submission.
- Feel free to get creative with the design and additional features, but make sure to meet the basic requirements first.

Good luck with your Recipe Book project!