Project Overview

This project is a chemical supply management application designed to help users manage and track chemical supplies efficiently. The application allows users to view, add, update, and delete chemical records in a user-friendly interface.

Static Page Link: https://iit-bombay-challenge.vercel.app/

Architecture

The application is built as a single-page application (SPA) using HTML, CSS, and JavaScript, leveraging Bootstrap for responsive design.

Technologies Used:

- HTML5
- CSS3
- JavaScript
- Bootstrap 5
- Fetch API for data handling

Key features include:

- A responsive table for displaying chemical data.
- The ability to add new records using a modal form.
- Sorting of records by chemical name.

Steps to run the project:

1. Download the zip file from the github repo.

    Link: https://github.com/atharvabarve28/IIT-Bombay-Challenge

2. Unzip the file.
3. To run the project in the local system use Visual Studio Code(pref) or any IDE.
4. Go to the js folder and open script.js file.
5. Comment out the Line no. 5 and Line no. 36.

    (Due to the static page we have to do some adjustment).

6. Remove comments from Line no. 3 and Line no. 35.
7. Start Live Server on the VS Code.
8. Install json-server by using this in Terminal (cmd) only: npm install -g json-server

    (ignore this step if installed).

9. Start the json-server: json-server -w data/data.json.
10. You will get an Endpoint means json-server is started.

    (Check the same endpoint in script.js as API URL).