API Data Integration Project

Dynamic Website Integration with API for Real-Time Data Updates

project :

Build a dynamic website that automatically fetches and displays real-time data from an external API.

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Project Overview

The project consists of two main pages:

- Overview Page: Lists the data from the API (comments, posts..).
- Detail Page: Displays detailed information about a specific item.

Technologies Used:

- HTML, CSS, JavaScript
- JSONPlaceholder API for mock data (comments).

Approach Used

- **API Integration:**
  - JavaScript (Fetch API) to retrieve data from the external API and dynamically render it.

- **Responsive Design:**
  - Used CSS Grid and Media Queries to ensure the website works well on all devices (desktop, tablet, mobile).

- **Navigation:**
  - Links between the overview and detail pages using URL query parameters to pass the ID of the selected item (comment)

key features

Overview Page (index.html):

- Displays a grid of items (comment titles) fetched from the API.
- Each item is clickable and links to the detail page.

Detail Page (detail.html):

Clicking on an item takes you to the detail page with detailed information (full comment text).

Conclusion

The project successfully demonstrates how to integrate real-time data from an external API into a dynamic website.

thank you