

Ratings and Review System

Build a web application for users to provide the **Ratings and Reviews** for the products listed on the page. On frontend you can create a dummy page which has a fixed set of products listed on it.

A user should be allowed to give ratings or reviews or both on the products. The products should show the summaries rating and tagged reviews for those products.

Requirements:

1. Functional Requirements:

1. A user should be allowed to give either rating or review or both
2. Basic validations should be handled well on all input fields
3. The user should not be able to rate multiple times on the same product
4. Bonus features (Optional for the assignment)
 - Can you identify the pattern from the reviews and create most used tags
 - Allowing users to add Photos in the review

2. Technical Requirements:

1. **Backend:**
 - Use REST APIs to handle backend logic. Preferable to use Node.js, Express.js or Nest.js
2. **Frontend:**
 - Build the UI using HTML, CSS, and JavaScript or a frontend framework like React, Next.js
3. **Database:**
 - Use a relational database like MySQL or PostgreSQL.

Deliverables:

1. **Codebase:**
 - Backend logic with REST APIs.
 - Front-end UI.
 - Code must be pushed to Git or similar version control
2. **Database Schema:**
 - SQL Schema/ER diagram
3. **Documentation:**
 - Brief documentation on how to set up, run the application, and test it.
4. **Hosting (Optional)**
 - It would be great if you host your solution

You can submit your assignment [here](#)

For any queries, you can send an email to prasad@fitpage.in