

OVERVIEW

I used React-Bootstrap for Responsive Design.

I used the MongoDB database locally. You can use MongoDB ATLAS also.

8080 Port is used for the backend and uses the “npm start” command to run the server.

3000 PORT used for the front-end. If you use any other PORT it gives an error.

Feedback Section:

Challenges: The Coding Part was not very challenging for me but I had a few challenges with the UI design.

Solutions: I mostly work on logical implementation on the frontend side so my UI design is not good. I see some templates regarding Task management UI so that I get some idea about UI. So I built this simple and decent UI for Task management.

Security & Optimization:

Implement try-catch error-handling mechanisms to prevent sensitive information from being exposed in error responses.

Provide user-friendly error messages on the client side.

Use HTTPS to encrypt data transmission between the client and server.

Implement CORS (Cross-Origin Resource Sharing) policies to restrict which domains can access API.

If we have large data then we use MongoDB queries using indexes to improve read and write performance.

We can use a state management library (e.g., Redux) for efficient data management on the frontend side.

We can use middleware for request handling, logging, and error management.