

Thank you for showing interest. As part of your interview process you need to complete the following task. In our estimate this task shouldn't take **more than 3-4 hours for the fullstack task. If you are doing only one part, it will take much less.** The task is broken down into 2 parts: Frontend and Backend.

In case you are not a Full Stack developer, only then please complete the respective frontend or backend portion of the assessment.

If you are Fullstack, you are expected to do both.

Overview

Develop a note-taking application where users can create, read, update, and delete notes. The user should be able to create a note using a WYWSGI editor and store it in HTML format in the database.

If you are only a frontend developer, make sure the data is stored in Redux. You don't need to implement any Mock API or any data persistence.

Tech Stack

Frontend

- ReactJs
- Redux
- Any WYWSGI Editor of your choice. We recommend [TipTap](#) but feel free to choose the one you are comfortable with.

Backend

- NodeJs with TypeScript
- MongoDB. You can either use local setup or MongoDB Atlas's free tier

Evaluation Criteria

Your code will be judged on the following criterias:

- **Adherence to Best Practices** - How well you follow industry best practices: This includes how you organize your code, your choice of libraries/frameworks, and naming conventions
- **Code Structure and Maintainability** - How well you structure the code in terms of modularity, reusability, and readability. These factors contribute to maintainability and scalability of the application.

- **Error Handling and Resilience** - How well the application handles errors and remains resilient in the face of failures
- **Product Sense and User Experience (UX)** - How well you understand user experience principles. This involves evaluating design choices, layout, and interactions to ensure they align with user needs and expectations.

Submission Guidelines

You will be required to submit your code through a public github repository with a proper ReadMe file that contains the following:

All developers must submit:

- How to setup and run the code
- An explanation of your code structure and why did you choose that

Fullstack developers must also submit these two:

Screenshots of your application

API explanation for your endpoints

Front end developers must also submit:

- Screenshots of your application

Back end developers must also submit:

- API explanation for your endpoints

Conclusion

This is an open ended assignment for determining how well you can come up with a solution with limited information. All The Best