Frontend Developer Assignment

<u>Introduction</u>

For this internship assignment you'll be working on creating a legal document chat interface. This assignment is designed to showcase your frontend development skills and your ability to think about user experience while implementing a clean, functional interface.

Assignment Structure

The assignment is divided into two parts spanning seven days. Part 1 is dedicated to reviewing and suggesting improvements to the existing design, while part 2 is for implementing your enhanced version of the interface.

Part 1: Design Review

Take some time to review and understand the provided design mockups of our legal document management interface. We'd like you to think about how the interface could be improved from a user's perspective. Write a brief document (no more than one page) outlining 3-4 key improvements you would make to the current design. Include simple sketches or notes if they help explain your ideas. Focus on practical improvements that you'll be able to implement in the next phase.

Part 2: Frontend Implementation

In this phase, you'll build the improved version of the interface using Next.js. Create your own static data to demonstrate the functionality of the interface.

The interface consists of three main components:

- The Dynamic Document Viewer component should display PDFs with a clean, professional interface. It should include a title bar with basic actions and integrate smoothly with the chat interface. Demonstrate the viewer's functionality with a few sample PDFs. It should be triggered by the user on click of a source and opened on the right side of the chat.
- The Sidebar component should smoothly transition between expanded and collapsed states, featuring navigation items with icons. The implementation should work well on both desktop and mobile devices.
- The Chat Integration should demonstrate how documents can be referenced and attached in the chat interface. Create realistic-looking conversation flows with document references to showcase this functionality.

Technical Guidelines

Build your project using Next.js and Tailwind CSS. Create appropriate static data that demonstrates the full capabilities of your implementation. You're free to use any additional libraries that you think would help create a better user experience.

Submission

Create a GitHub repository for your project with a clear README file explaining how to set up and run your implementation.

Evaluation

Your submission will be evaluated based on several key areas:

Technical implementation carries the most weight (60%), where we'll look at your code organization, component structure, and the overall quality of your frontend implementation.

Your design improvements and their implementation account for 20% of the evaluation, focusing on practical and user-friendly solutions.

Problem-solving approaches make up 10%, including how you handle complex UI structures in your code.

The final 10% is reserved for extra effort, including additional features, optimizations, or particularly elegant solutions to technical challenges.

Getting Started

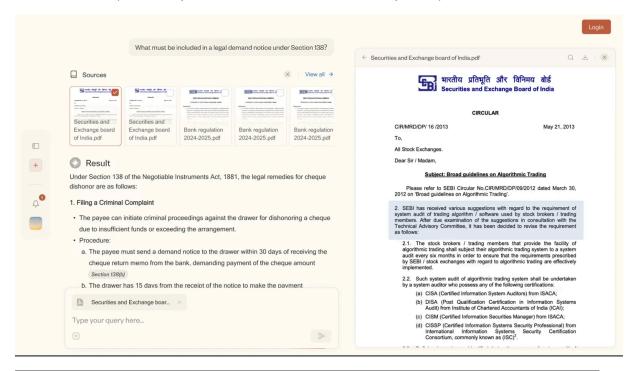
You'll receive:

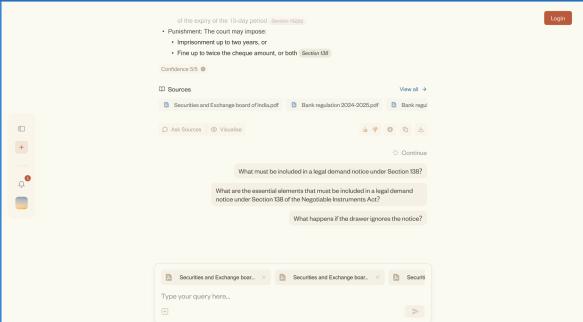
- Design mockups of the interface design provided below

Remember, this is a frontend-focused assignment, so concentrate on creating a polished, responsive, and user-friendly interface. Create realistic static data that helps showcase your implementation's capabilities.

Good luck!

Chat Screen UI (Chat component and document viewer component):





Sidebar component:

