Technical Assessment: Task Management Application

Overview

Welcome to our technical assessment!

This exercise is designed to evaluate your practical skills using modern web technologies.

We're looking for clean code, thoughtful design, and an understanding of best practices.

Use of AI Tools

At atomic, we embrace the use of AI to optimise our output, enhance creativity, and boost developer productivity.

We believe in leveraging the best tools available to deliver exceptional results, and we recognise that AI-powered assistants are becoming an integral part of modern development workflows.

Therefore, you are encouraged to use **AI-powered coding assistants** (e.g., GitHub Copilot, ChatGPT, etc.) as part of your development process for this assessment.

We're interested in seeing how you utilise these powerful tools to solve problems efficiently.

While these tools can be highly effective, **please ensure the solution primarily reflects your problem-solving approach and understanding.**

We encourage you to use them as a valuable assistant, not a replacement for your own critical thinking.

If you utilise AI tools for significant portions (e.g., generating entire functions or architectural patterns), please make a brief note in your `README.md` or as a code comment indicating where and how AI was used.

This transparency helps us understand your workflow and how you integrate AI into your development process.

Time Commitment & Expectations

We understand you have other commitments, and we want this assessment to be fair and respectful of your time.

We anticipate this test will take approximately **2-3 hours** of focused work to complete.

Please do **not spend more than 4 hours** on this assessment.

Our primary goal is to see your approach to problem-solving, your understanding of the core technologies, and your coding style.

A perfectly polished or fully-featured application is not expected within this timeframe. Focus on demonstrating your best practices for a functional and well-structured solution.

Submission Guidelines

1. **Repository:**
    a. Create a public or private Git repository for your solution.
    b. If private, please invite myself via email.
2. **Instructions:** Ensure your `README.md` is thorough enough for us to set up and run your application without needing to ask clarifying questions.

After reviewing it, we'd be keen to hear your thought process, so please be prepared to briefly walk us through your work in a follow-up conversation.

If you have any questions during the assessment, please don't hesitate to reach out.

We look forward to reviewing your solution!