Technical Task for Full-Stack Developer Interview: Coin Management System

Objective: Build a simple crypto coin monitoring system using Next.js and TypeScript. This application will enable users view, and search for coins. Each coin entry will consist of a name, price, market cap and a CoinMarketCap link of the coin. The data should be stored in DB and you don't need to make add coin feature. The only way to edit the data right now is trough the DB directly.

Core Technologies and Libraries:

Framework: The application should be built with Next.js, utilizing both its frontend and API routes capabilities.

Language: Use TypeScript for type safety and to enhance the development experience.

UI Component Library: Utilize Shadcn as the component library for designing the UI, focusing on displaying coins within Shadcn cards. For more information on how to integrate Shadcn with your project, visit Shadcn documentation.

Authentication: Implement user authentication using Kinde. Ensure all coin data view features are accessible only to authenticated users.

Database & ORM: Database should be Supabase and ORM should be Drizzle.

Deployment: Deploy the final application on Vercel, ensuring it's accessible publicly.

Features and Functionalities:

User Authentication: Integrate Kinde for user authentication, allowing for a secure signup/login process. Ensure that only authenticated users can access the application's features.

View Coins: Display the coins using Cards from the Shadcn library. Each coin's name, price, market cap and CoinMarketCap link of the coin.

Search Functionality: Include a search feature that enables users to find coins based on their names.

Bonus Task:

1. Add coin functionality , a button that will open a popup/sheet/different page and will allow to add new coin.

2. Add Ukrainian translation (you can use i18n/other alternatives for that)

Evaluation Criteria:

Functionality: The application must fulfill all the outlined requirements.

Code Quality: Code should be clean, well-structured, and commented where necessary.

Deployment: The application must be fully operational on the deployed site.

Submission Guidelines:

Please include the following in your submission:

A link to the source code repository hosted on a platform like GitHub.

Instructions for setting up and running the application locally.

The URL of the deployed application on Vercel.

Wish you the best of luck!