Tria Assignment

Objective

The goal of this assignment is to assess your frontend development skills, particularly with React, your ability to interact with APIs, your understanding of component design, and your product sense in translating requirements into a working application. You will be building a simplified contact list, it should have following features
1. View the list of contacts
2. Search contact by name by passing name of contact in search bar
3. Ability to add a new contact in the list (Optional)

Details

Core Task:
Build a single-page web application using React that implements the Contact List page

Technical Requirements:
1. Framework: You must use React.
2. Auxiliary Libraries: You are free to use other libraries or meta-frameworks as you see fit.
3. API Interaction: You can mimic the data fetching from a API or hardcode on the UI
4. Environment: Assume a modern web browser environment.

Design Guidance:

You can be creative on the design for this task and demonstrate UX design
Skills

Submission

1. **Deployment**: Deploy your application using Vercel (preferred, free with a GitHub account) or a similar platform (Netlify, GitHub Pages) with a public accessible URL.
2. **Source Code**: Provide a link to your source code repository (e.g., GitHub, GitLab). Ensure the repository is public or grant access.
3. **README**: Include a README.md file in your repository. You can write notable

features/instructions for your app, like Instructions on how to set up and run the project locally. A link to the deployed application. Any assumptions you made or design choices you want to highlight. Brief notes on any libraries you chose to use and why.

Handling Ambiguity

This description intentionally leaves details open to interpretation (e.g., specific UI interactions, functionality, error handling details, loading states etc). Use your product and engineering judgment to make sensible decisions. Please document any significant assumptions you make in your project's README file.

AI Usage Policy

You are **not permitted to use any AI tools** during this assignment. All code, design, and documentation must be entirely your own work**.** Be prepared to explain and justify your code and design choices independently. The originality, correctness, and maintainability of the final submission are your sole responsibility.