

Why?

We incorporate this assignment as part of the hiring process to ensure we select the right people for the job. It allows us to tailor the interview to your knowledge, skills, and abilities and provides everyone with the lowest risk approach to avoid mismatches in talent, expectations, and otherwise. Once aboard, this assignment ensures your future peers are equally as high performing as you.

Scenario

As a consultant, you have been hired to build a small web application for a customer to persist and track contacts. Provided the solution meets the functional and technical requirements below, you are free to use any resources, libraries, and technologies to implement the system. ***There is no right approach.***

Functional Requirements

There are four user stories associated with the customer requirement:

1. As a user I want to create a new contact by entering the first name, last name, email, and phone number so that I can track the people I know.
2. As a user I want to be able to search for a contact by first and/or last name so that I can find contact information quickly.
3. As a user I want to be able to update contacts when their last name, email, or phone number change so that I can keep my contact information up to date.
4. As a user I need to be able to delete a person I no longer associate with so that I can keep my contact list clean.

Technical Requirements

The customer has some limitations on the technology set that can be used to implement the functional requirements and they are as follows:

1. Node.js Latest LTS (20.10+)
2. NPM Latest LTS (20.10+)
3. Quasar Latest (2.14+)
4. Storage: Local or IndexedDB

Delivery

When delivering the software, please ensure the following.

If your name were Jane Smith then <your name> would be smith_jane for the steps outlined below.

1. The software must be delivered as a zip of the complete Node project sans the node_modules, .quasar, and other build directories.
2. The zip name must be named <your name>.zip.
3. At the root of the zip include a README.md file with:
 - a. The NPM command to run the project (required)
 - b. The NPM command to test the project (optional)
 - c. The complete Node version used to develop the project
 - d. The complete NPM version used to build the project
 - e. The complete Quasar version used to develop/build the project
4. Include this programming assignment inside the zip in a directory called "docs"

Evaluation

The solution provided will be used as the basis for your interview. Be prepared to discuss your approach. When we receive your zip, we will:

1. Unzip the contents
2. Run npm i
3. Run tests if included
4. Run the command specified in README.md to run the project
5. Test the live site in Chrome to ensure it works per the functional requirements specified above
6. Perform a code review