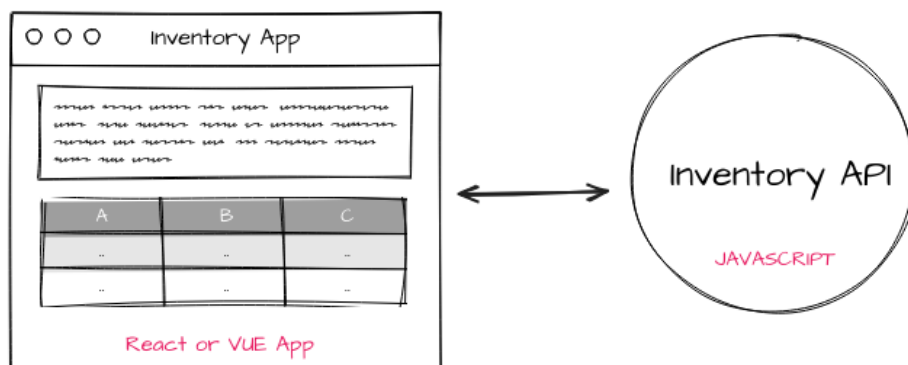**As part of our application process, we'd like to see what you can produce by giving you an assignment.**

The Assignment

We would like you to create an invoicing application. The application consists of 2 parts:

- Inventory App - for viewing and creating
- Inventory API - an api for application

Inventory API is a restful API which saves device's data, posted from Inventory App and returns to Inventory App.

Acceptance Criteria

- It should return data with newest to oldest order
- It should be well designed for future implementations
- It should follow REST standarts
- It should be well tested (big plus)
- It should be dynamic. You can choose any database solution.

Inventory Application is a web pplication for viewing and creating inventory records.

Acceptance Criteria

- It should be written using React or Vue (preferably React)
- It should have functionality such as create and viewing records
- It should have component based architecture
- It should have responsive layout
- It should get data from **Inventory API**

- *It should have extra functionality such as delete and editing records (for extra, not required)*

Inventory App Example Design

CI/CD Acceptance Criteria

- Application should be dockerized. It has to support docker-compose

- Tests should run before each deployment

You can use Github Actions for pipelines.

Commit history is important so that provide us useful information about what has changed and why.

Note:

This assignment is specially designed for hiring process so do not share this file with anyone.

If you have a question about assignment, you can reach us.