

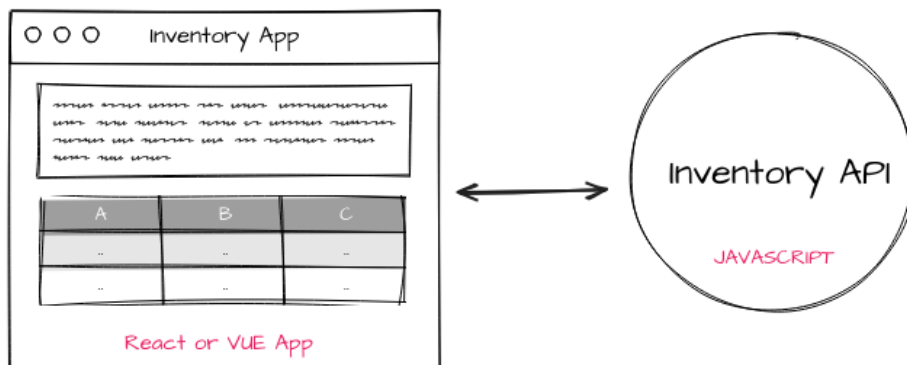


As part of our application process, we'd like to see what you can produce by giving you an assignment.

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 standards
- It should be well tested (big plus)



Inventory Application is a web application 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

Yeni Envanter

Envanter Adı

Fatura Tipi

Tip

Adet

5

Kaydet

Tip

Bilgisayar

Monitör

Klavye

Yazıcı

Fatura Listesi

Envanter Adı	Envanter Tipi	Envanter Adedi
ACME Computer	Bilgisayar	100
ACME Keyboard	Klavye	50
ACME Printer	Yazıcı	250

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.