Backend Engineer - Interview Project

Requirements

Use Cases

- User Registers via registration (Username, Email, Password)
- User authenticated via email & password
- JWT is returned in response to successful authentication
- User performs a USD transaction on app (eg: ecommerce transaction or transfer between accounts)
- Transaction details are returned and saved on DB

Functional Requirements

1. Build a simple CRUD API in NodeJs to create, read, update and delete userName , userID , Transaction Amount and Transaction Status
2. Implement JWT authentication
3. Use any payment gateway(Plaid/Stripe) test version , implement user payment of any amount and store events (eg : Payment Success) in Database of your choice

Scale: Design the API and storage so that it can support millions of transactions per day.

Submitting the Assignment

Please send us any questions and provide your solution with the following:

A. Github repository link
B. A google doc that covers the following:
    a. API Endpoints documentation
    b. Database Schema documentation

Please send the github link and google doc link to careers@wildr.com and please remember to enable 'Viewer' access for shared links on the Google Doc.