

Nodejs - Programming Challenge

Write an API that provides a REST interface for the following business requirements:

- A user should be able to request a booking for a cab from pickup location A to pickup location B
- A user should be able to view his past bookings
- A user should be able to get cabs that are nearby.

These requirements are a subset of the needs of a cab booking platform like Uber/Ola.

The end result should have:

- Sequelize or equivalent ORM
- DB migrations and seed scripts
- Dockerization support

Brownie points for

- Authentication middleware
- Tests CO

Develop a protected currency converter web application using a public currency converter API (<https://openexchangerates.org/signup/free> , <https://currencylayer.com/documentation> , etc...). The application should provide a login/registration screen and a main screen to query historical or current exchange rates. After the successful login the application should show the last 10 queries and their results on the main screen as reminder.

Some main currencies (EUR, USD, GBP, NZD, AUD, JPY, HUF, etc...) are enough.

Create a web app using Java/.NET/Python. Provide documentation on how we can build and run your project

You could use in-memory (h2, etc.) or SQLite for persistence.

A reliable, working code is a must! We should see a login screen, a registration screen and the main screen with a logout feature. Any simple web page with a basic GUI will suffice, i.e. three fields with currencies and the date and a simple list of past entries.