

Develop a backend application in any language of your choice. You can host it somewhere on personal servers or developed on managed cloud like hasura or just run it locally and demonstrate it in interview.

Output expectation:

- Zip file of code with complete implementation
- url of host
- Documentation of all apis that should be created and what each api will do

Design database structure and expose apis. You need to think on your own what apis to expose for the frontend. How frontend would look you can decide on own based on following Business requirement for on-spot vehicle rental :

Users should be able to create an account for them using phone and otp

Admin should be able to create vehicle and vehicle-stations

Admin should be able to add vehicle to inventory and assign it on a station

User can see available vehicles at a particular station.

Users can walk-in to a station and should be able to pick an available vehicle by scanning qRcode

Users should be able to return the vehicle to any station post-usage

*minimum above functionalities should work. Over this you can add by yourself. Don't imagine complex UI with map and all, but just a basic application with dropdowns and buttons on few screens