Frontend Developer Test

Für diese würden wir etwa 7 Tage für eine Rückmeldung einräumen:

A private delivery service company in Cologne collects and delivers parcels for people. This is done by hired bikers.
The problems to be addressed are:

- A manager in the company needs to see a list of all the shipments in a list. The list should contain information about every shipment, like the origin, the destination, the assignee (the biker), and the order status. The possible order statuses are: WAITING (not assigned to any biker), ASSIGNED (assigned but not picked up), PICKED_UP (picked up but not delivered) and DELIVERED.
- A manager should be able to assign unassigned orders to a biker.
- A biker should be able to see a list of the parcels he should pick up.
- A biker should be able to input the timestamp of the pickup and the delivery for each order. The status of the order should be updated accordingly for the manager.

A developer should create two tools:

- A web dashboard for the manager.
- A to-do web tool for the biker.

The biker tools needs to be mobile friendly. Wide browser support is important for both of the tools.

Technical hints:

- Hardcode a list of 50 orders with various initial statuses.
- Hardcode one manager and 10 bikers.
- Create a small node server responsible for mocking authentication of the manager and the bikers, and also for serving mock data, via REST api. Interactions of the users with the mock data don't need to be persistent and can be handled in-memory. No actual database needed.
- Create both the tools in a single web app. Based on the user's role (manager/biker), the corresponding tool should be shown to them.
- Use react and redux.
- Use Webpack.