

TracMobility Frontend Assignment

Objective: This testing will test the candidates' ability to integrate API, design the frontend page and finish some complex features.

Requirements:

- Please implement Vehicle List page
 - Vehicle List: show the vehicle information extracted from the provided API (<http://console-api.tracmobility.com/test/vehicles?page=0&size=10>)
 - Search input doesn't need to be implemented.
 - Page size and pagination is optional, but they are the bonus item
 - You can use any Table component what you prefer, but react-virtualized is bonus item
 - Side Menu: show multiply features.
- Please use React
- Please integrate Redux
- You can use any CSS template which you want. e.g. Bootstrap or Material-UI.
- Please make sure that the primary colour should be '#03989E'
- Please implement route and other components are empty
- Please implement one interactive map (e.g. leaflet) to show the vehicle historical route with the mock data.
- Please create a Pull Request in Github to submit your code.

Examples:

Just for your reference (Your work does not need to be the same as this sample)

The screenshot displays the TracMobility frontend interface. On the left is a sidebar menu with the following items: KPI Dashboard, TASK MANAGEMENT (Task Map, Task List, Task Creation, Rule Setting), and OPERATION CENTER (Vehicle Information, Vehicle List, Vehicle Map, Vehicle Search). The main content area is titled 'Vehicle List' and features a search bar, a 'Show 10 entries' dropdown, and a table of vehicles. The table has columns for VehicleID, QR Code, Status, Location, Battery Level, and Operation. It lists three vehicles: 7702020 (Damaged, 15% battery), 7702120 (Normal, 95% battery), and 7702220 (Running, 65% battery). Each row includes buttons for 'Edit', 'Order', 'Change City/Region', and 'Change Status'. At the bottom, it shows 'Showing 1 to 3 of 3 entries' and pagination controls (Previous, 1, Next).

VehicleID	QR Code	Status	Location	Battery Level	Operation
7702020	QR189039	Damaged	(51.5164324, -0.0985)	15%	[Edit] [Order] [Change City/Region] [Change Status]
7702120	QR184039	Normal	(51.5064324, -0.0985)	95%	[Edit] [Order] [Change City/Region] [Change Status]
7702220	QR189439	Running	(51.6064324, -0.0965)	65%	[Edit] [Order] [Change City/Region] [Change Status]

