# ReactNative Assignment

## Task Description:

One of Multi IT A/S mainstream product is AutoTracking. AutoTracking is a web-based Fleet Management System which give our client a full overview of their fleet and asset.

AutoTracking was born with an API powered by Django/Python and a frontend made with love and Angular. But the responsive Angular frontend is not enough, we want to give our customer the best they can have.

That is why ReactNative App for AutoTracking idea came.

We choose ReactNative because it is Native and JavaScript that bring the best out of two worlds.

We have already made the first version of the app by use following frameworks and technologies:

* **Microsoft CodePush:** For Instant update and release App
* **ReactNative – NativeBase:** For easy Theme and UX implement
* **Clean Architecture:** To have a solid source code structure fundament if ours project grows larger in the future.

**Your Tasks:**

* **Create a new React Native App** or **change our current source code** from GitHub to make a ReactNative app with follow screens:
  1. Login
  2. List of vehicles with information on vehicle state (driving, stopped, speed, temperature, heading. map with current position.
  3. Map with all vehicles a possibility to search for vehicle name to show this vehicle on map only or just highlight specific vehicle on map while other vehicles are also showing.
  4. List of trips for specific vehicle
  5. List of stops for specific vehicle.

All the data you need is available from the API and we send you an account for AutoTracking. With this account you can login to the frontend also to see how the frontend gets data from API.

Please note that the source code is not a finish working app.

**Please do not:**

* Included code that required licensed or third-part copy-right intellect properties.
* Distribute Multi-IT source code or any information that we had provided to you.

## Duration:

Sunday 31/01/2021 – Sunday 07/02/2021

How to spend your time, it is up to you. During the test you can any time contact us if you have questions.

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