



**Applicant Evaluation**  
**Application Document**



**Information about the Examination**

Subject of Examination	Mynextmatch Vehicle Registration System
Total Duration of Examination	7 days

**Project Analysis**

Mynextmatch has its own service vehicles. It need a system that will keep records of these tools online and follow them. We are asked for help

with this development.

You are expected to development the project according to the information given below.

As a development architecture, it must be designed to run on the backend rest service, the front end should be designed to work completely on the client side architecture.

**Data that are required to be recorded:**

- Plate of Vehicle (All Plates should be in Turkey Standard Format)-(Can be stored as text)
- Nickname of Vehicle (MuswelHill Vehicle, North fincley Vehicle, Archway Vehicle, North Vehicle, etc.)
- Authentication (Users)
- Brand of Vehicle
- Model of Vehicle
- Model Year of Vehicle
- Type of Vehicle (bus, minibus, midibus etc.)
- Color of Vehicle (You can add color picker)
- Whether or not the vehicle is active now



## What we expect from you is:

- It must be published online when the project is completed.
  - It can be published on any free domain. The important thing is to share via online link
- The PHP programming language should be used to develop the backend part of the project.
  - The **LARAVEL** library should be used from within the **PHP** framework.
  - The **PHP 7** version should be used when developing the project.
  - The **LARAVEL** version should be at least **5**.
- The front-end section should be developed using an **AngularJS** library.
  - The library version to be used should be **AngularJS 1 (1.5.9)**.
- Authentication system should design for API. You can use JWT-Auth service.
- No third party tool (Kendo, DevExpress, etc.) and no third party languages (Included JQuery) should **not be used**. pure **HTML** and **Native Javascript** should be used for this purpose.(excluding angularjs)
- You can use **Bootstrap** for html and css roof.
- You should use **PostgreSQL or MySQL** for your project.
- Store the **ER** diagram of the database in the project folder as **database.diagram.png**.
- When the project is being developed, all **unit tests must be written** and tested.
- Please follow the rules below when you develop the project :
  - At least 2 design patterns should be used
  - We expect the usage of SOLID principles and design patterns
  - You should follow the code standards as described [here](#).
  - It is very important for us to see your code comments because we care what you think.



# What you need to look out for when delivering the project

After the project is completed;

- Publish it on **Github** or **Bitbucket** which contains the **source code** of the project, the **script of the database** and the **ER diagram** of the database as a png file.
- Username and password to access application have to be provided as below :
  - **Username** : mnm
  - **Password** : mnm-vehicle
- Information listed below should be provided via e-mail to [hr@mynextmatch.com](mailto:hr@mynextmatch.com) subject:
  - There must be a link that the progeny is accessible online
  - Bitbucket should be a public link

