HopOn Software Support Assessment

<u>Objective:</u> To assess the candidates knowledge on the technologies that will be used on his day-day role at HopOn mobility.

<u>Requirements:</u>

You have been tasked with building part of a simple vehicle system that allows list all vehicles. Your code should provide the following functionality:

- List all vehicles.
- Please use Java, Spring Boot, Spring MVC
- In order to test this application, you may choose to import the following initial data.
  ID, Type, QR_CODE, Status, Lat, Lng, Battery Level
  1, SCOOTER, QR_0001, AVAILABLE, 51.516432, -0.0985, 0.15
  2, SCOOTER, QR_0002, RUNNING, 45.87867, -0.0673, 0.95
  3, SCOOTER, QR_0003, REPAIRING, 49.989898, -0.0985, 0.65
  4, BIKE, QR_0004, AVAILABLE, 52.010110, -0.078903, 0.45
  5, E-BIKE, QR_0005, AVAILABLE, 39.232324, -0.157323, 0.15
  6, SCOOTER, QR_0006, AVAILABLE, 39.232324, -0.0985, 0.05

- No JDBC, please cache the data in memory
- No distributed caches
- Unit test
- Integration test

*Please create a PULL request upon completion of this assignment to allow our developers to review the code and give feedback.