SmartCarX Dashboard Development

Objective: Requirement of web-based dash board to visualize all the parameter related to the car (like Battery status, Location, Engine RPM, LOAD etc.)

Features:

1. User Signup and Login.
2. Button to add Device/Vehicle (ID Should be Vehicle Number)
3. Dashboard showing all the Vehicle ID
4. Vehicle Dashboard page showing all the parameter.
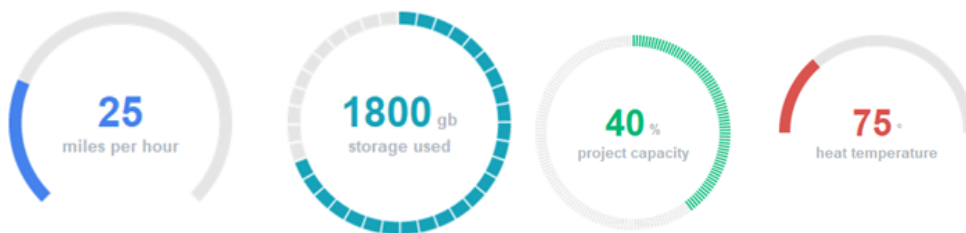5. Page to see the all data in tabular format

Working:

1. User will login into webpage if not already registered they will have to sign up for it.
2. User can add the Device.
3. User will click on the Vehicle ID To see the parameter of the Vehicle and Location.
4. If someone wants to see the All data in tabular format so he will click on all button.
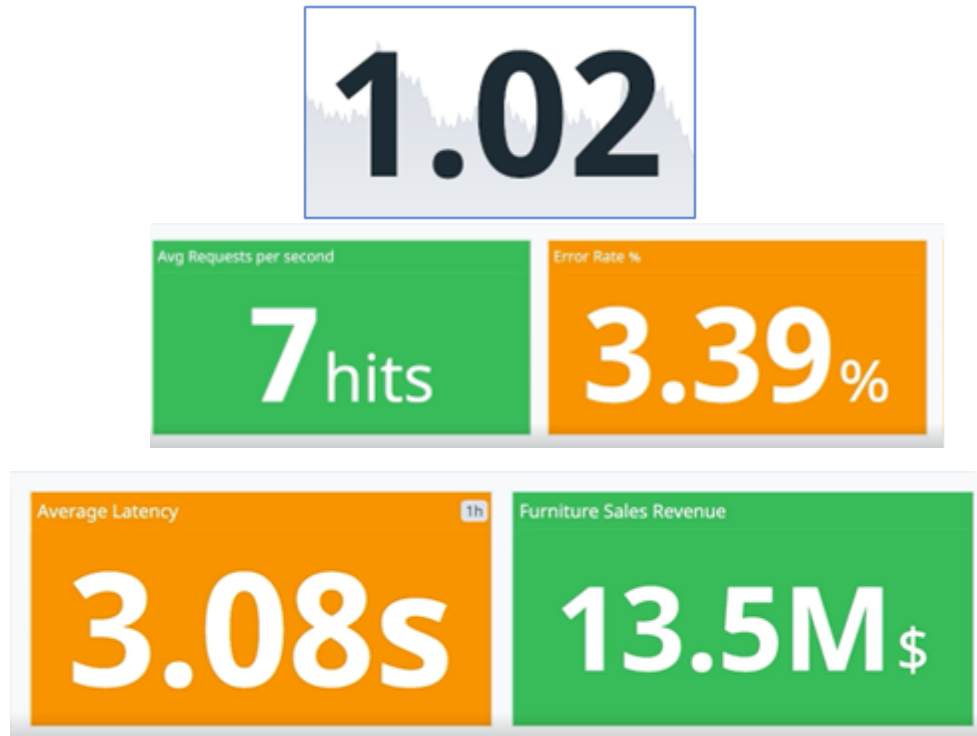
Parameters to be displayed

1. Primary OBD Data (Speed, RPM, Engine Temperature)
2. Secondary Data (Battery Level, coolant temperature, intake air temperature)
3. Map Data (Location of vehicle, IMU data in terms of movement)
4. Data Table (Representing raw data being received at specified URL)
5. There will be a separate section for Fault Code shared by device.

Dashboard Template

Speed, RPM & engine temperature etc. can be represented using gauge widget sample as shown in the picture:

Temperature data can be represented by a simple value widget as shown:
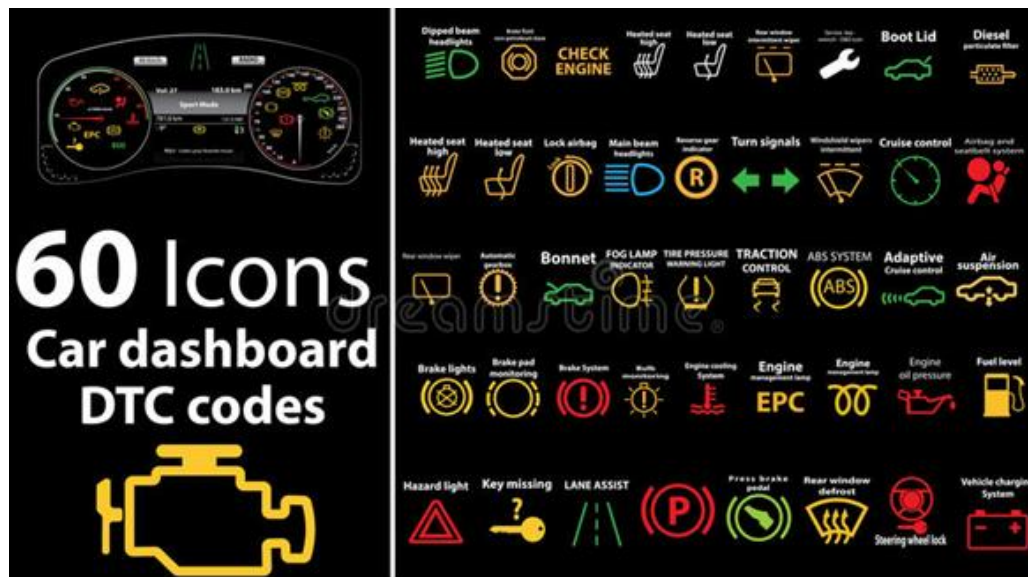

Data such as GPS location, vehicle movement can be easily track down inside a map widget as shown:
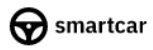
Data retrieved at provided URL can be shown in a table as shown below:

	ID	SHPIIFY #	DATE	STATUS	CUSTOMER	EMAIL	COUNTRY	SHIPPING	SOURSE	ODER TYPE	
☑	1077620	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑
☐	1077622	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑
☑	1077623	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑
☐	1077620	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑
☐	1077620	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑
☐	1077620	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑
☑	1077620	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑
☐	1077620	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑
☐	1077620	17713	22 Jan 2020	Pending	Ahmed	ahmed.123@mail.com	Australia	Austrelian Post Api	ShopifyAU	Customer	☑

Fault code can be displayed as standard icon related to vehicles

Reference Images for Design

smartcar

Sign In

Email

Password

Forgot your password?

Sign in

Need an account? Sign up

WEATHER

Cloudy
21°C

MUSIC PLAYER

Surah Ar-Rahman
Omar Hisham Al Arabi

2:32   1:32

REAR VIEW CAMERA

OVERVIEW

Jaguar XF 2 Car

Good
Battery Condition

95%
Gas Remaining

85°C
Tyre Temperature

35psi
Tyre Pressure

AC

14°C

50%
Wind Level

135 km/h

DESTINATION

The Central
Apartment

15 sec   150 meter

N   P   R

1   2   3   4   5   6