VehicleTrac Solution

S.No	Parameters	Description	
1	Sensor	**GPS Tracker** - Our Partnership is with Teltonika and Morey Corporation	**GPS Tracker + OBD2** - Our Partnership is with Teltonika and Morey Corporation
2	Connectivity	2G / 4G LTE connectivity to cloud	2G / 4G LTE connectivity to cloud
3	Measured Parameters	GPS location, Speed, Battery voltage, Ignition	GPS location, Speed, Battery voltage, Ignition and OBD Parameters and Diagnostic Trouble codes
4	Derived Parameters and Aggregations	Distance travelled, Travel time, Stoppages, Stoppage time Events: Overspeeding, Rash Driving	Distance travelled, Travel time, Stoppages, Stoppage time Events: Overspeeding, Rash Driving, Diagnostic Travel Codes
5	Special feature	Vehicle immobilizer	OBD Data of the vehicle
6	Business Use Cases	**Fleet Monitoring:** 1. Real time location and tracking of the vehicle 2. Track usage of the vehicle - Distance Travelled, Travel time, No. of stops made with stoppage durations 3. Track route taken by the vehicle and identify unauthorised detours and stoppages 4. Identify Overspeeding and rash driving of the vehicle 5. Get Real time alerts for Overspeeding or breach of Geo-fencing or user defined thresholds of cumulative distance and time	**Fleet Monitoring:** 1. Real time location and tracking of the vehicle 2. Track usage of the vehicle - Distance Travelled, Travel time, No. of stops made with stoppage durations 3. Track route taken by the vehicle and identify unauthorised detours and stoppages 4. Identify Overspeeding and rash driving of the vehicle 5. Get Real time alerts for Overspeeding or breach of Geo-fencing or user defined thresholds of cumulative distance and time **Vehicle Health Monitoring:** 1. Monitor the performance and diagnostic parameters from the Vehicle OBD 2. Monitor diagnostic Trouble codes reported by the vehicle. 3. Easily share the data with Vehicle Service team to identify and prevent breakdowns before they occur 4. Recieve alerts for parameters breaching a defined threshold eg. Engine Oil Temperature exceeding 250 degrees C

VehicleTrac Solution

S.No	Parameters	Description	
7	Data Observability	Monitor the Health of the Data Pipeline and Integrity of the Data reported by the device. Raise alerts and notificatons when - 1. Device goes offline 2. comes back online 3. Out of Range data indicating malfunction in the device	Monitor the Health of the Data Pipeline and Integrity of the Data reported by the device. Raise alerts and notificatons when - 1. Device goes offline 2. comes back online 3. Out of Range data indicating malfunction in the device
8	ETL reports, Alerts / Notifications	**Reports:** 1. Daily usage reports Summary 2. Detailed (with Stoppage points) 3. Route taken Map view **Alerts/Notifications:** 1. Geofencing Breach 2. Overspeeding 3. Rash Driving (Harsh Braking, Acceleration, Cornering) 4. Crash Detection 5. Tow Detection	**Reports:** 1. Daily usage reports Summary 2. Detailed (with Stoppage points) 3. Route taken Map view 4. OBD Parameter Trend charts 5. Diagnostic Trouble Codes Report **Alerts/Notifications:** 1. Geofencing Breach 2. Overspeeding 3. Rash Driving (Harsh Braking, Acceleration, Cornering) 4. Crash Detection 5. Tow Detection 6. OBD Parameter threshold breach
9	Additional Capability	1. Vehicle immobilizer connection through an external Relay. Vehicle can be immobilized remotely 2. Integration with BLE beacons (temperature, humidity etc)	1. Integration with BLE beacons (temperature, humidity etc)
10	Master / Reference Data	Enrich telemetry data with Master/ Enterprise reference data such as make, model, type, age of the vehicle	Enrich telemetry data with Master/ Enterprise reference data such as make, model, type, age of the vehicle
11	Contextualisation via Public API	Road Condition, Traffic Condition, Weather condition	Road Condition, Traffic Condition, Weather Condition
12	Accessibility	Web based Reports, Mobile App (Android and iOS)	Web based Reports, Mobile App (Android and iOS)