

End to End Architecture

Mocker Service



Bulk PUT Vehicle data

PUSH reading data

Spring Boot Rest Service



Insert/Update
Vehicle data in
Bulk

Insert
Sensor
Reading
data

Searching
data based
on
conditions



elasticsearch

Alerting



| Time | alertLevel | alertReason | vin |
|----------------------------------|------------|--|-------------------|
| November 12th 2018, 23:13:12.227 | HIGH | Engine RPM > RedLine RPM by 809 | 1ZVBP8J58AS159269 |
| November 12th 2018, 23:13:12.227 | HIGH | Engine RPM > RedLine RPM by 58 | 5J6RM3H580L032829 |
| November 12th 2018, 23:13:12.226 | LOW | Tire Pressure for one of the tires is < 32 psi > 36 psi | 1FMYU0Z143KB34432 |
| November 12th 2018, 23:13:12.225 | LOW | Tire Pressure for one of the tires is < 32 psi > 36 psi | 2T1BU4EE4DC919097 |
| November 12th 2018, 23:13:12.224 | HIGH | Engine RPM > RedLine RPM by 215 | WBAFR1CS0BC747531 |
| November 12th 2018, 23:13:12.224 | HIGH | Engine RPM > RedLine RPM by 850 | 3GCRKSE30AG105585 |
| November 12th 2018, 23:13:12.224 | HIGH | Engine RPM > RedLine RPM by 457 | WA1CM4FE68D002500 |
| November 12th 2018, 23:13:12.223 | HIGH | Engine RPM > RedLine RPM by 419 | 1VWAP7A35CC020276 |
| November 12th 2018, 23:13:12.223 | LOW | Tire Pressure for one of the tires is < 32 psi > 36 psi | WP1AB29PG3LA60179 |
| November 12th 2018, 23:13:12.221 | LOW | Tire Pressure for one of the tires is < 32 psi > 36 psi | 1HGCR2F3XFA027534 |
| November 12th 2018, 23:13:09.372 | LOW | Tire Pressure for one of the tires is < 32 psi > 36 psi | 1ZVBP8J58AS159269 |

