

open**SAP** **TOUCH IOT WITH SAP LEONARDO**

AUTOMOBILES MONITORING DASHBOARD





Story

The Operations Admin of a nationwide Automobile Manufacturing / Rental Service wants to monitor the vehicles so that he can run his business simpler. He wants to track the health of the vehicle, location, tire health, fuel efficiency, speed and a lot more in real time and use this information to manage the vehicle in transit and the also use past data to plan future trips.

He wants to send the most efficient vehicle for a requirement, adapt to the changing route conditions, collaborate with other fleets when vehicle condition is getting bad, track the fuel efficiency, monitor the maintenance etc. The admin wants to make his decisions as per the smart data to save money and time.





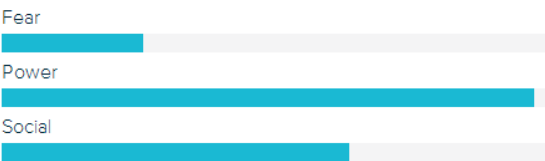
Persona

Akshay Raina

Age: 27
Work: Operations
Family: Single
Location: Bangalore, India
Character: Automobiles
Operational Admin



Motivations



Personality



Responsibilities

- Developed preventive maintenance program
- Administered vehicle parts and performed quality assurance programs for the same
- Managed operations for 100+ Automobiles at 10 Locations

Main Goals

- Conceptualized and implemented a comprehensive Driver/Automobile Safety Program
- Monitor Fuel costs and identified cost saving measures
- Evaluate fleet inspection reports
- Real Time Automobile Health Notification Status

Needs

- I need to track the vehicle and monitor the fleets
- I need to know the condition of the vehicle before starting trip and during trips
- I need to know driving behavior of the driver
- I need to find most efficient vehicle

Pain Points

- Ensuring safety of the driver is difficult
- Selecting best vehicle for trip is hard as no data is there to rely on
- Managing fuel costs is important and cant be monitored
- Asset utilization and fleet monitoring is hard with insufficient information

Bio

With 9 years of work experience with in depth knowledge on Operations and Logistics from IIT, Kharagpur, Logistics and Supply Chain Management. Excellent team player and keeps track of latest technologies.





Point of View (PoV)

As an Admin I need ways to monitor the health and performance of a vehicle so that i can make smarter decisions to plan the routes and save cost and time.



User Experience Journey

ACTIONS	Check mails, alerts, review last days close of business	Looking at trips and vehicles to be monitored	Monito vehicle and check health while on routes	Perform detail route analysis	Evaluate current conditions and make suggestions	Send mainten- ance alert for vehicles and real time status for vehicles	Monitoring vehicle status while route and make anaysis report
MINDSET	"What is going on "	"So this is the work to be carried out for today"	"Which vehicle health status is deprecating"	"How are we doing, is the vehicle in good condition"	"Ohh, is there a breakdown, let me send another vehicle"	"Which vehicles require main-tenence"	"Is everything fine, are we cost and time effective"
FEELING	😊						
	😞						
TOUCH POINTS	Computer and Messenger Box Reports Colleagues	Deliver Tasks List	Vehicle Computer	Mobile Messenger	Website Dashboard Maps Mobile	Vehicle Garage	Computer Reports



https://standard.build.me/prototype-editors/api/public/v1/snapshots/6dbe77cdd5348d670e13bc48/artifacts/latest/index.html#/launch_page



Ducati

BIKE

VIEW DETAILS



AUTOMOBILES MONITORING DASHBOARD

Mini Cooper



KA19 EQ 1316 ● Monitored



Connected



On



Admin
Akshay Raina

Notify

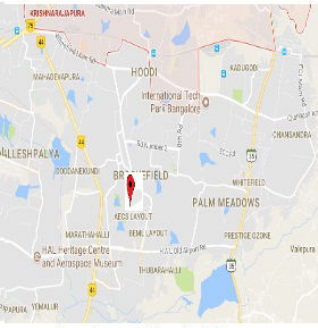
Status: Excellent



Notifications (4)

The car is running at a normal speed
The car has no doors open

August 20, 2017
August 20, 2017
[See All](#)



Aecs Layout, Brookefield,
Bengaluru, Karnataka 560037

- Key Specs
- Tech Specs
- Capacity
- Comfort
- Report 1
- Report 2
- Report 3
- Report 4

Detail	Value
Mileage (ARAI) kmpl	15.6 kmpl
Fuel (Petrol)	Medium
Fuel Type	Petrol
Tyres	Bad

Logout



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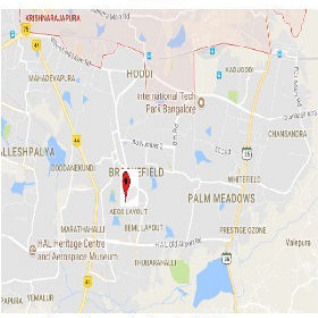
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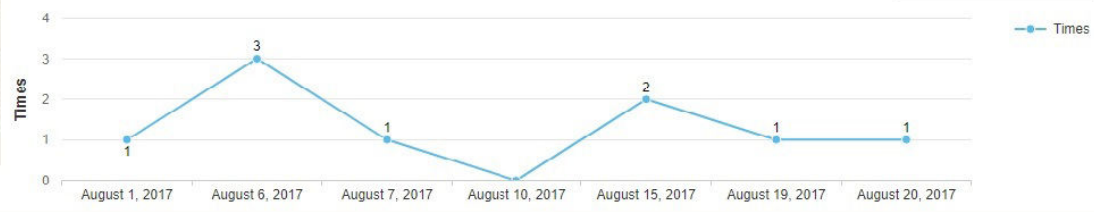


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OVER SPEEDING IN CURRENT MONTH

Hourly



Logout