

# PROBLEM STATEMENT-4

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## **Title: Smart Fuel Indicator**

Whenever the fuel indicator goes down, we have to check it and search for a fuel station to refuel the tank. All this process is done manually. There is a need for an automation process.

### **Objectives :**

1. Use sensors to detect fuel levels in vehicles.
2. Mapping all the retail outlets of the petrol pumps on Google Maps along with fuel prices.
3. Generate an automated message and a path popping up regarding the nearest fuel station with details of fuel prices and the quantity of the fuel to be refilled based on destination.
4. Provide facilities to rate the fuel station and recommend fuel stations based on its ratings & sanitation.

**Category:** Software

**Domain:** Energy / Renewable Energy

### **Technology Bucket :**

- Android
- Internet of Things