Ideation Phase
Brainstorm & Idea Prioritization Template

Date	13 October 2022
Team ID	PNT2022TMID10401
Project Name	Trip Based Modeling of Fuel Consumption in Modern Fleet Vehicles Using Machine Learning
Maximum Marks	4 Marks

Step-1: Team Gathering, Collaboration and Select the Problem Statement

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Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

○ 5 minutes

PROBLEM

To maximize profit by analyzing trip based modeling of fuel consumption in modern fleet vehicles.

Key rules of brainstorming
To run an smooth and productive session

Stay in topic.   Encourage wild ideas.

Defer judgment.   Listen to others.

Go for volume.   If possible, be visual.

② Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕐 10 minutes

Tamilarasan

- Track trip information in real-time
- Tire Pressure Sensor
- Dynamic trip suggestion
- Mobile App

Sivabalaji T

- Road Traffic monitor
- Easy to navigate UI
- Trip Metrics
- Vehicle Health analysis

Mohammed ismail

- Vehicle Speed Suggestion
- Total Cost Analysis
- Weather based trip suggestion
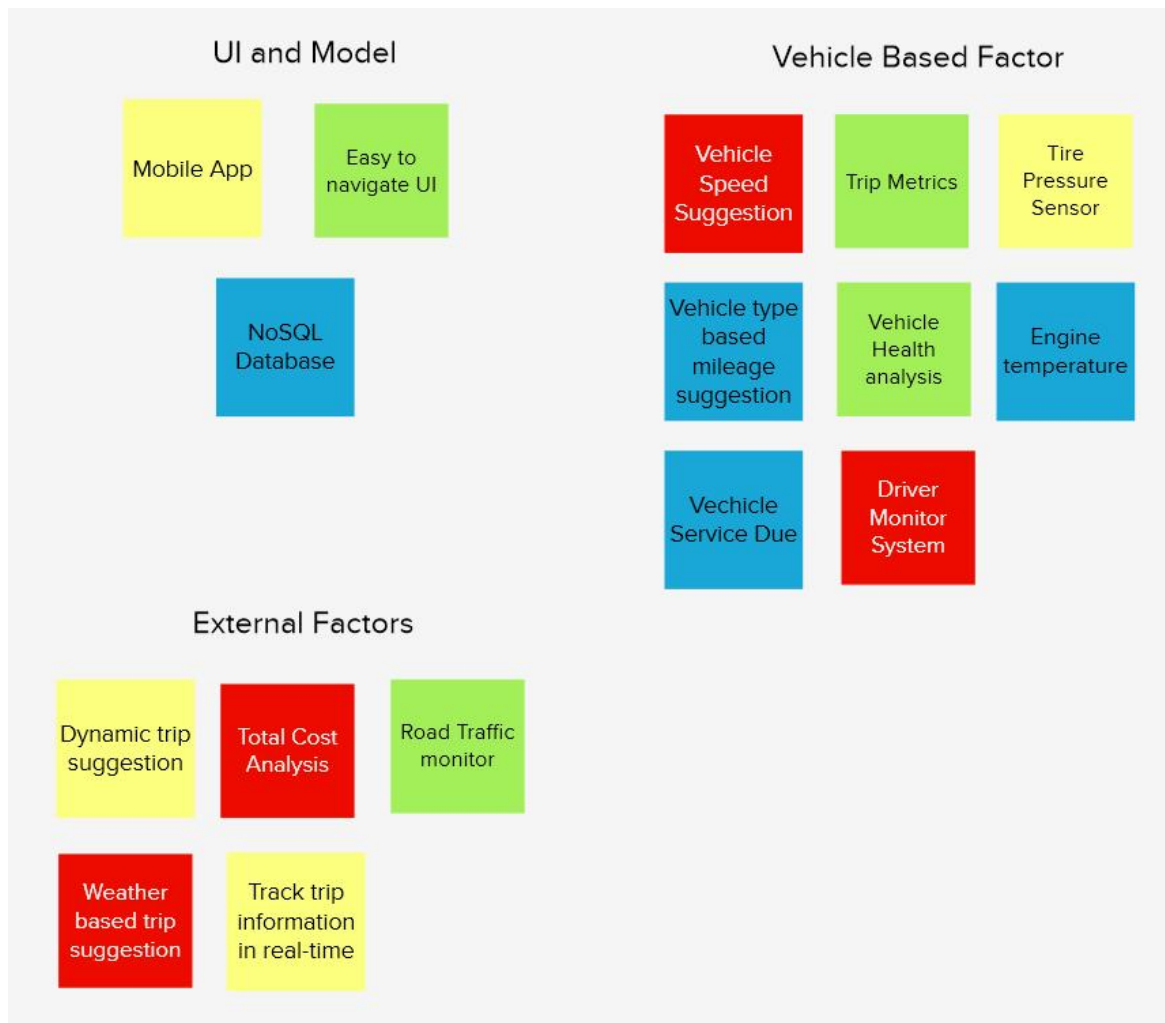- Driver Monitor System

Mohsin nathar ali

- NoSQL Database
- Engine temperature
- Vechicle Service Due
- Vehicle type based mileage suggestion

Step-2: Brainstorm, Idea Listing and Grouping

UI and Model

Mobile App

Easy to navigate UI

NoSQL Database

Vehicle Based Factor

Vehicle Speed Suggestion

Trip Metrics

Tire Pressure Sensor

Vehicle type based mileage suggestion

Vehicle Health analysis

Engine temperature

Vechicle Service Due

Driver Monitor System

External Factors

Dynamic trip suggestion

Total Cost Analysis

Road Traffic monitor

Weather based trip suggestion

Track trip information in real-time

Step-3: Idea Prioritization