Ideation Phase
Brainstorm & Idea Prioritization Template

Date	16 November 2022
Team ID	PNT2022TMID46231
Project Name	Machine Learning Based Vehicles performance analyzer 61GB
Maximum Marks	4 Marks

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

1

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

Aravinth S

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

Ashok Prakash k

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

Muthamizhselvan M

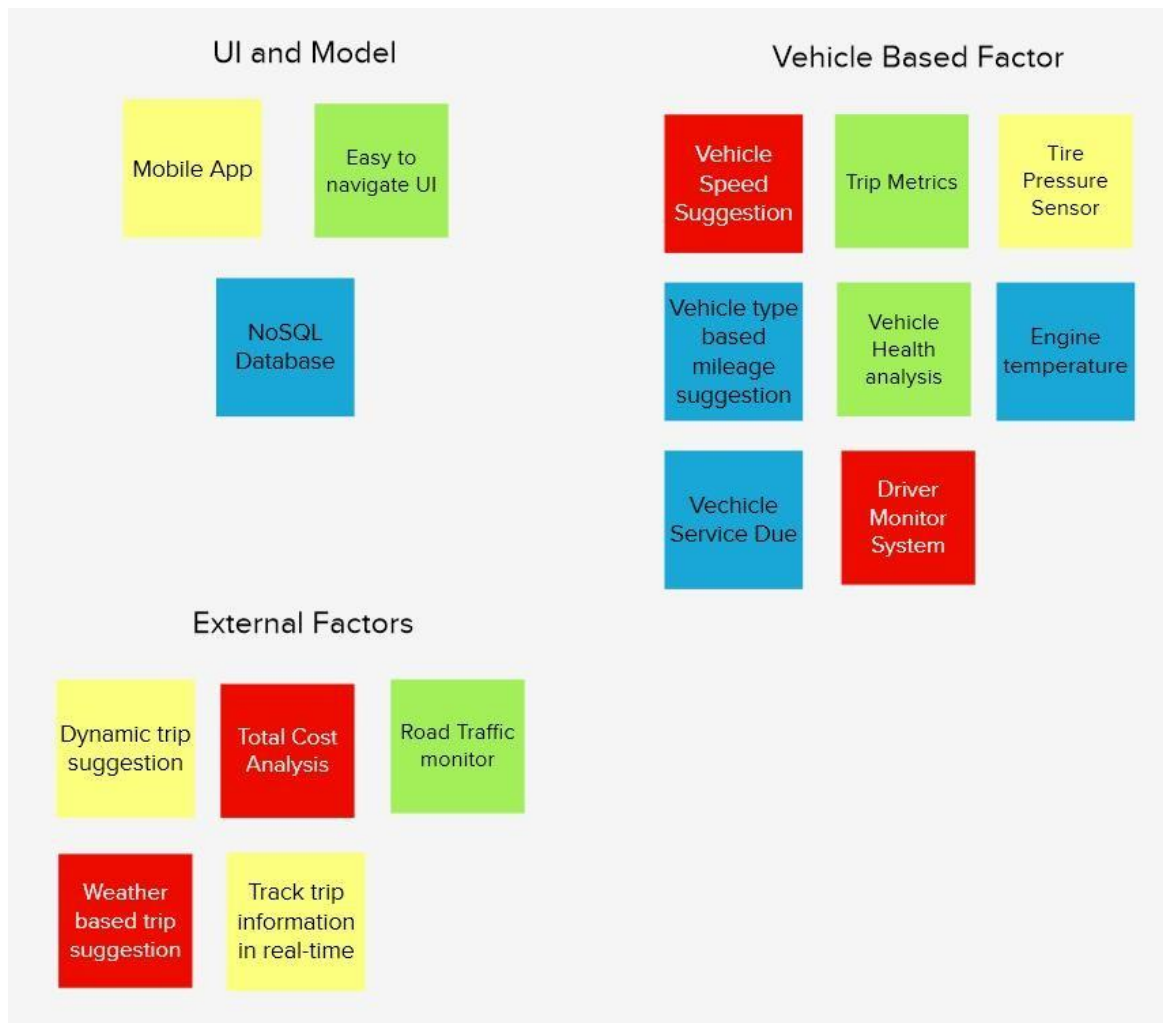|	
Vehicle Speed Suggestion	Total Cost Analysis
Weather based trip suggestion	Driver Monitor System

Arikrishnan A

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