

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID35586
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

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

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

Dhileepan

Track trip information in real-time

Tire Pressure Sensor

Dynamic trip suggestion

Mobile App

Ashok

Road Traffic monitor

Easy to navigate UI

Trip Metrics

Vehicle Health analysis

Prateek Kumar

Vehicle Speed Suggestion

Total Cost Analysis

Weather based trip suggestion

Driver Monitor System

Dhinu Praveen

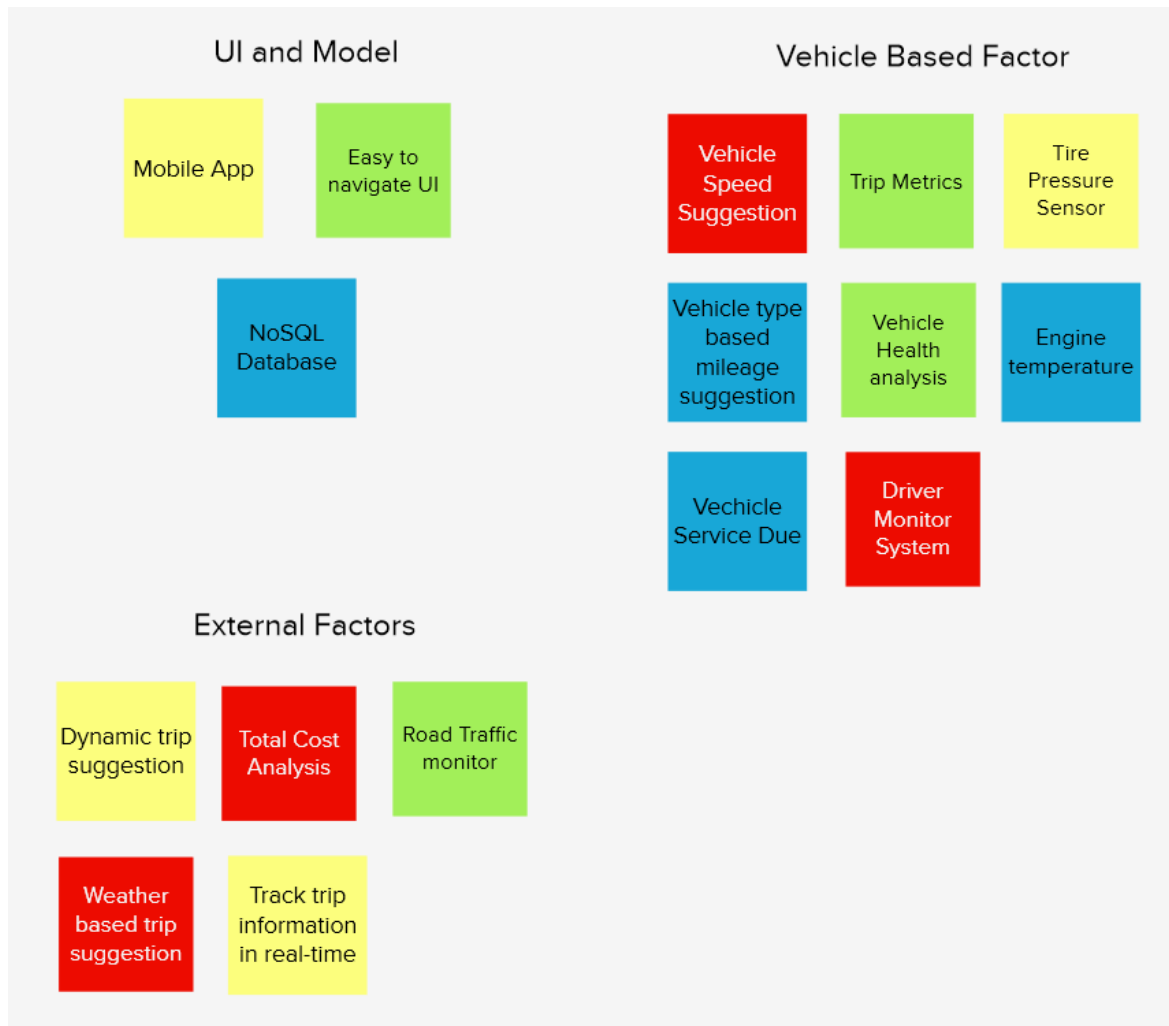
NoSQL Database

Engine temperature

Vehicle Service Due

Vehicle type based mileage suggestion

Step-2: Brainstorm, Idea Listing and Grouping



Step-3: Idea Prioritization

