Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID40006
Project Name	Trip Based Modelling of Fuel Consumption in Model Fleet Vehicles Using Machine learning
Maximum Marks	4 Marks

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

Step-2: Brainstorm, Idea Listing and Grouping

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Brainstorm

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

⏱ 10 minutes

Jaya Sooriya E

Cost estimation based on result	Finding vehicle efficiency	Output accuracy
Use different parameters for prediction	Cost estimation	Finding vehicle efficiency

Madhavan N K

Recieve customer suggestion and feedback	Fleet management can be easy	Train using own data set
Identify total cost	Identify terrain type	Cross platform

Varun P

Add or remove feaatures	Enter multiple sample at a time	Import multiple sample using Excel sheet
Report generation	Share prediction with others	Output will be user friendly

Mohammed Arif K

User friendly GUI	Real time data can be correlated	Drivers record from previous travel
Climatic condition	Simplified Process	Climatic condition can be considered

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Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you end break it up into smaller sub-groups.

⏱ 20 minutes

Team 1

User friendly GUI	Identify total cost	Climatic condition can be considered	Output accuracy
Share prediction with others	Visual representaion of outputs	Output accuracy	Enter multiple sample at a time
Drivers record from previous travel	Simplified Process	Recieve customer suggestion and feedback	Cost estimation based on result

Team 2

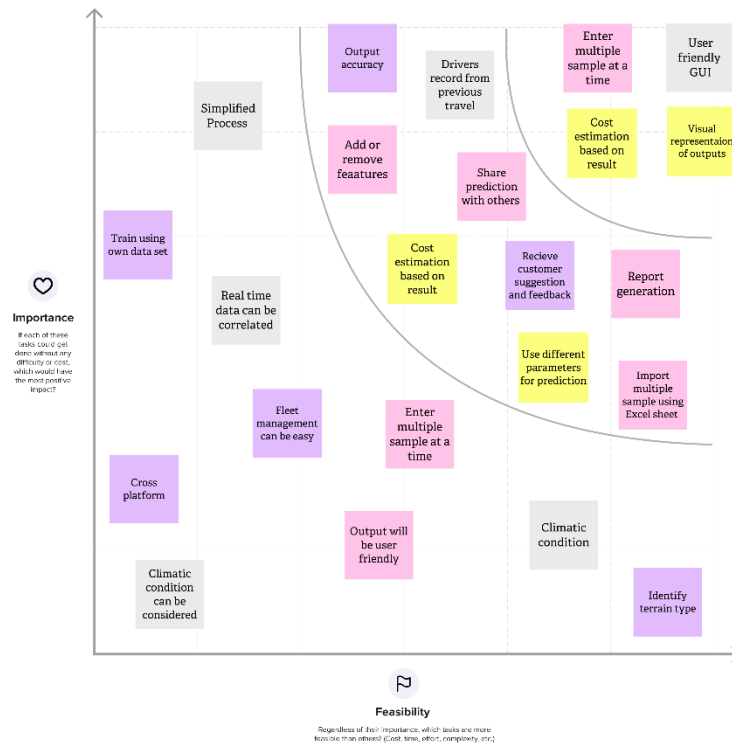|			
Train using own data set	Add or remove feaatures	Cross platform	Use different parameters for prediction
Finding vehicle efficiency	Real time data can be correlated	Identify terrain type	Output will be user friendly
Import multiple sample using Excel sheet	Climatic condition	Report generation	Fleet management can be easy

Step-3: Idea Prioritization

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Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⏱ 20 minutes

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

- Output accuracy
- Drivers record from previous travel
- Enter multiple sample at a time
- User friendly GUI
- Simplified Process
- Add or remove feeatures
- Cost estimation based on result
- Visual representaion of outputs
- Share prediction with others
- Train using own data set
- Cost estimation based on result
- Recieve customer suggestion and feedback
- Report generation
- Real time data can be correlated
- Use different parameters for prediction
- Import multiple sample using Excel sheet
- Fleet management can be easy
- Enter multiple sample at a time
- Cross platform
- Output will be user friendly
- Climatic condition
- Climatic condition can be considered
- Identify terrain type

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)