**Ideation Phase**

**Define the Problem Statements**

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| Date | 10 September 2022 |
| Team ID | PNT2022TMID27752 |
| Project Name | Machine Learning based Vehicle Performance Analyzer |
| Maximum Marks | 2 Marks |

**Customer Problem Statement :**

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| **Problem**  **Statement (PS)** | **I am**  **(Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | Owner | Collect the properties of vehicle to predict performance. | I don’t know which properties to select. | I don’t know which properties are considered. | Confused. |
| PS-2 | Buyer | Make predictions. | I don’t know how variables are correlated to each other. | There are many properties and what should I consider. | Irritated. |
| ­­­­PS-3 | Driver | Better usage of app even with poor internet connectivity. | The image and content are not clear. | Internet connectivity in rural areas. | Frustrated. |
| PS-4 | Automotive car | Sense the obstacles while driving. | I need a sensor to predict. | It will sense any obstacles behind the car clearly. | Unsatisfied. |
| PS-5 | Owner of an old car | Check my car’s mileage performance. | I have no specific answers other than some online anecdotes. | There is no way of finding my car model mileage. | Worried. |