

## Ideation Phase

### Define the Problem Statements

| Date                   |  | 19 September 2022  |   |   |                                      |
|------------------------|--|--|---|---|--------------------------------------|
| Team ID                |  | PNT2022TMID18784   |   |   |                                      |
| Project Name           |  | Project- Trip Based Modeling of Fuel Consumption in Modern Fleet Vehicles Using Machine Learning |   |   |                                      |
| Maximum Marks          |  | 2 Marks  |   |   |                                      |
| Problem Statement (PS) | I am (Customer)  | I'm trying to  | But   | Because   | Which makes me feel                  |
| PS-1                   | A user   | Predict my fuel consumption  | I couldn't find any user-friendly website                             | All the other products were only available as so ware | Uncomfortable                        |
| PS-2                   | A transportation manager, who manages more than 1000 vehicles of our company | Find the fuel consumption of all our vehicles  | I cannot find the fuel consumption of all our vehicles at the same me | There is no option to enter multiple vehicle details  | Annoying                             |
| PS-3                   | The owner of an organization   | Manage the records of fuel consumption of my fleets  | I couldn't get a detailed report                                      | All other existing solutions give Only the prediction | Like I'm left with very minimal data |