

Project Initialization and Planning Phase

Date	15 July 2024
Team ID	SWTID1720090652
Project Name	Predictive Modelling for Fleet Fuel Management using Machine Learning Techniques
Maximum Marks	3 Marks

Definition of Problem Statements (Customer Problem Statement Template):

I am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" they are doing - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - what do they need?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problems or barriers exist - what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

Example:

I am	I'm trying to	But	Because	which makes me feel
a traveler	book flights on my phone	it takes a long time	the website is not responsive and doesn't have a mobile version	Frustrated

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A fleet manager.	Track and optimize fuel consumption accurately	I am unable to	traditional fleet fuel consumption techniques are inaccurate and	Like I am unable to manage fuel consumption of my fleet and hence lose out on a lot of money while also feeling responsible for not contributing

				confusing	to a safer environment with lesser carbon emissions. I also feel unable to track fraudulent activities.
PS-2	A driver	Get clear insights on how to optimize my driving	I am concerned about the fairness and accuracy of fuel usage	They are determined by traditional fleet monitoring techniques.	Frustrated that my performance in driving is not optimal.