

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID06841
Project Name	Project - NATURAL DISASTERS INTENSITY ANALYSIS AND CLASSIFICATION USING ARTIFICIAL INTELLIGENCE
Maximum Marks	2 Marks

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

I am	Describe customer with 3-4 key characteristics - <i>who are they?</i>	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the care about - <i>what are they trying to achieve?</i>	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - <i>what bothers them most?</i>	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists - <i>what needs to be solved?</i>	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - <i>how does it impact them emotionally?</i>	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
Metorologist	To predict and analyze global climate changes	It is difficult to monitor factors responsible for such changes in atmosphere	These factors are highly unstable due to their nature of unpredictability	Frustrated

I am	I'm trying to	But	Because	Which makes me feel
Seismologist	To predict and monitor the tectonic movements of the seismic plates	It is difficult to understand the influence of various factors on earth's crust	They tend to be influenced by factors that are unrelated to tectonic movements	Confused

I am	I'm trying to	But	Because	Which makes me feel
Volcanologist	To predict and monitor the volcanic activity in risk prone zones	It is not possible to monitor volcanic activity factors in such harsh environmental regions.	The regions surrounding such activity makes it impossible to gather any essential data	Helpless

I am	I'm trying to	But	Because	Which makes me feel
Oceanographer	To predict and monitor the movements and activity in ocean surface bed	It is impossible to monitor changes in ocean bed and its surroundings with certainty	The capacity to gather data at such depths is greatly reduced due to environment constraints	Incompetent