

Ideation Phase

Define the Problem Statements

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| Date | 18 October 2022 |
| Team ID | PNT2022TMID46034 |
| Project Name | Project – Natural Disaster 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 challenge`s 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 | <small>Describe customer with 3-4 key characteristics - who are they?</small> | Describe the customer and their attributes here |
| I'm trying to | <small>List their outcome or "job" the care about - what are they trying to achieve?</small> | List the thing they are trying to achieve here |
| but | <small>Describe what problems or barriers stand in the way – what bothers them most?</small> | Describe the problems or barriers that get in the way here |
| because | <small>Enter the "root cause" of why the problem or barrier exists – what needs to be solved?</small> | Describe the reason the problems or barriers exist |
| which makes me feel | <small>Describe the emotions from the customer's point of view – how does it impact them emotionally?</small> | Describe the emotions the result from experiencing the problems or barriers |

Problem Statement for “Natural Disaster Intensity Analysis and Classification using Artificial Intelligence.” PROBLEM STATEMENT 1:



PROBLEM STATEMENT 2:



| Problem Statement (PS) | I am (Customer) to | I'm trying | But | Because | Which makes me feel |
|------------------------|-----------------------|---------------------------------------|-----------------------------|---|-----------------------|
| Problem Statement-1 | An employee from NDRF | Classify the type of natural disaster | It is difficult to identify | The data is of images and images are of various forms | Tensed and frustrated |

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|---------------------|-----------|---|-----------------------------|---|-----------------------|
| Problem Statement-2 | A student | Classify the type of natural disaster in order to learn about that disaster | It is difficult to identify | The data is of images and images are of various forms | Tensed and frustrated |
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Team Members:

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