Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID34201
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 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.

Example:

Problem Statement (PS)	Iam (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Researcher	Classify the the type if disaster based on its accuracy using artificial intelligence	if models are trained and validated properly, extensive data alone are not sufcient for an AI model	Large number of data sets are needed for training the model	Which can lead to over fitting
PS-2	Researcher	Train the data set with more percision	The precision will decrease when the size of the dataset is small	A small dataset may make it difficult to determine the outcome	the results of hold-out testing can lead to misleading