

## Ideation Phase

### Define the Problem Statements

Date	06 May 2023
Team ID	NM2023TMID15487
Project Name	<b>Project</b> - Uncovering the Hidden Treasures of the Mushroom Kingdom: A Classification Analysis
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:

I am	I'm trying to	But	Because	Which makes me feel
a mushroom classifier who seeks to improve the efficiency and accuracy of classifying edibility of the mushroom.	develop a classification system that classifies different mushrooms from different families into two categories such as edible and non-edible mushroom.	now, this mushroom classification is done manually and by simple classifier algorithms that doesn't give accuracy.	manual classification can be prone to error, as even trained experts can make mistakes or overlook important characteristics and it will be more time consuming.	that a very good classification algorithm that uses deep learning to classify the mushroom kingdom with high efficiency and accuracy should help.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A classifier who classifies different varieties of mushroom into two categories edible and non-edible.	Develop an efficient classification system to classify the mushroom.	Now, classification of mushroom is done manually.	Manual classification consumes more time and there will be no expected accuracy and efficiency.	That there should be an efficient classification algorithm that should help society.
PS-2	A classifier used to classify mushrooms based on their edibility.	Implement a classification system that automatically classifies the mushroom.	Presently, there are only simple algorithms that have been used to classify mushrooms.	There will be more time consuming and it takes risk in the decision that misprediction will lead to danger.	An efficient classification system should help in overcoming these problems.