

Ideation Phase

Define the Problem Statements

Date	15 JUNE 2025
Team ID	LTVIP2025TMID37665
Project Name	Enchanted Wings: Marvels of Butterfly Species
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.

Problem Statement :

Manual butterfly ID is slow, expertise-heavy, and limits large-scale biodiversity studies. An automated image-classifier can speed species surveys, reduce human error, and unlock richer ecological insights.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a field researcher	identify butterfly species accurately in the wild	I don't have expert knowledge or quick tools	species often look similar and field guides are slow to use	frustrated, delayed, and less confident in my findings
PS-2	a student or citizen scientist	contribute to butterfly tracking and conservation	I can't easily identify species from photos	I don't know the names and features of different butterflies	excluded, confused, and discouraged from participating