

Ideation Phase

Define Problem Statements

Date	15 February 2025
Team ID	LTVIP2025TMID42449
Project Name	Butterfly Species Classification System
Maximum Marks	2 Marks

1 Problem Statement

Accurate identification of butterfly species from images is challenging for researchers, ecologists, and citizen scientists due to the diversity of 75 species, manual identification processes, and lack of accessible, automated tools for real-time classification, hindering biodiversity monitoring, ecological research, and educational engagement.