

## Project Design Phase Problem - Solution Fit Template

Date	27June 2025
Team ID	LTVIP2025TMID45573
Project Name	Enchanted wings:Marvels of Butterfly species
Maximum Marks	2 Marks

### Problem - Solution Fit Template:

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why

#### Purpose:

- ☐ Solve complex problems in a way that fits the state of your customers.
- ☐ Succeed faster and increase your solution adoption by tapping into existing mediums and channels of behavior.
- ☐ Sharpen your communication and marketing strategy with the right triggers and messaging.
- ☐ Increase touch-points with your company by finding the right problem-behavior fit and building trust by solving frequent annoyances, or urgent or costly problems.
- ☐ **Understand the existing situation in order to improve it for your target group.**

### Problem - Solution Fit Summary

The Problem-Solution Fit confirms that Enchanted Wings effectively addresses the issue of difficulty in identifying butterfly species among students, researchers, and nature enthusiasts. Current tools are either too scientific or outdated, making them inaccessible for common users. This project leverages deep learning in a visually rich, user-friendly platform that simplifies the process of species recognition, bridging the gap between nature and technology.

#### Problem Description

- - Lack of accessible, interactive identification tools for butterfly species.
- - Existing solutions involve scientific jargon and complex structure.
- - Limited tools tailored for students or amateur naturalists.
- - Users find it hard to connect with biodiversity through static books or outdated web portals.

