Project Design Phase-I
Proposed Solution Template

Date	09-October-2022
Team ID	PNT2022TMID14372
Project Name	Project – AI Enabled Tool For Biodiversity Researcher's
Maximum Marks	2 Marks

Proposed Solution Template: Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	When venturing into the woods, field naturalists usually rely on common approaches like always carrying a guidebook around everywhere or seeking help from experienced ornithologists. There should be a handy tool for them to capture, identify and share the beauty to the outside world.

2.	Idea / Solution description	Field naturalists can only use this web app from anywhere to identify the birds, flowers, mammals and other species they see on their hikes, canoe trips and other excursions.

3.	Novelty / Uniqueness	At difficult times where the images are not clear we could proceed using the physical characteristics of the species. We could narrow down the contact guidance to the nearby residents at times of network issues.
4.	Social Impact / Customer Satisfaction	Many researches could focus on the process they work with rather than performing field works in gathering reliable information and verifying it.

5.	Business Model (Revenue Model)	This project could contribute financially through the researchers (by generating a model whose information is reliable and user friendly) who perform frequent researches and depend on various models to collect these details of the flora and fauna which is a tedious process thereby saving their time and money.
6.	Scalability of the Solution	The more the user's willingness to spend on their research they get some additional useful help features and suggestion features.