Project Design Phase-I
Proposed Solution

Date	27 September 2022
Team ID	PNT2022TMID54329
Project Name	Digital Naturalist - AI Enabled Tool For Biodiversity Researchers
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To identify a species in a forest or in any other place, we need to carry a heavy book or seek a professional.
2.	Idea / Solution description	A Web Application that is trained with CNN using deep learning model on different species can replace such big books.
3.	Novelty / Uniqueness	The model can identify different species of plants, birds and animals.
4.	Social Impact / Customer Satisfaction	Customer can identify the type of species faster and easier without searching in books page by page.
5.	Business Model (Revenue Model)	The model can differentiate the species at a faster rate with better accuracy.
6.	Scalability of the Solution	The web application apart from researchers can also be used by students and common people .