

Project Design Phase-I

Proposed Solution

Date	25 September 2022
Team ID	PNT2022TMID44423
Project Name	Digital Naturalist -AI Enabled Tools for Biodiversity Researchers
Team Leader	Suriya Saraswathi M
Team Members	Sudha Dharani R, Surya R, Ramya V
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)	Digital Naturalist -AI Enabled Tools for Biodiversity Researchers
2.	Idea / Solution description	Biodiversity is the life support system. The project aims to create an web application for the hikers to identify rare species of birds , flowers , animals and more . The proposed system in biodiversity research using the computer vision in Artificial Intelligence. This will helps to detect the environment, particular species and locations.
3.	Novelty / Uniqueness	Image analysis and flora & fauna detected using “ Advanced Artificial intelligence ”.
4.	Social Impact / Customer Satisfaction	Besides the general plant recognition, many others concentrate especially on identifying flowers, trees, vegetables, weeds, & pond plants, mushrooms, wildflowers, indoor plants, edible and medicinal plants, and more. someone who just loves plants and wants to know more about them, you will encounter many situations when you’ll need to find out the name of a specific herb, weed, tree, or flower by using this app through online.
5.	Business Model (Revenue Model)	Can make money through the Subscription process .Partnership with many laboratories andscientists around the world. By giving additional information the users can get more benefits & information about the plan.

6.	Scalability of the Solution	Image detection , searching species in advanced Artificial Intelligence. It shows the information about the species at anywhere with the access of internet.
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