Project Design Phase-I
Proposed Solution

Proposed Solution Template

Date	21 October 2022
Team ID	PNT2022TMID23849
Project Name	Project – Digital Naturalists-AI Enabled tool for Biodiversity Researchers
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem tobe solved)	i)How can we make it easier for both expert and beginner users to recognise different plant and animal species and their traits using relevant data? ii) New users should be aware of hazardous plants and dangerous animals so they can avoid them. iii) Knowing a plant's therapeutic properties is important for both expert and novice users because they may need to use it in an emergency. iv)In order to protect and save a species of birds,insects,animals or plants, all must be aware of its rarity.
2.	Idea / Solution description	i)List botanical names ii)Use various colours to display warning messages for plants and animals. iii)A brief overview of them iv) The species' rarities v)What illness does the herb treat?

3.	Novelty / Uniqueness	i)Issuing warnings based on whether a species is dangerous or not ii) Informing the user about the species' rarity iii) Provides a detailed account of the species being viewed. iv) It provides information about the plant if it has therapeutic worth. v) List the species' scientific name.
4.	Social Impact / CustomerSatisfaction	The ability to recognise the local flora and animals typically sparks an interest in preserving wild areas.
5.	Business Model (RevenueModel)	i)Can generate income from subscription-based services. ii) Collaboration with numerous laboratories and researchers worldwide
6.	Scalability of the Solution	i)As the application's popularity and user base increase, new features may be introduced to the premium or subscription model. ii) Depending on the usage, we can introduce subscription models such as free plans, business plans, educational plans, and many more. iii) We can scale the programme as demand grows by adding other languages based on regional usage.