Project Design Phase-I
Proposed Solution

Date	27 October 2022
Team ID	PNT2022TMID47219
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	4 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement	Build an efficient AI-based image recognition tool that effectively capture flora and fauna provide information it.
2.	Idea / Solution description	This system is built using image/object recognition and classification using (CNN) convolutional neural networks to identify flora
3.	Novelty / Uniqueness	By using this system, you can capture images of all animals and plants, get information about animals and plants at anytime and anywhere
4.	Social Impact / Customer Satisfaction	The feasibility of this idea is medium as the system must meet the basic requirements of the customer and act as a bridge to more accurate forecasting and analytics. and is neither easy nor difficult. It takes of the captured images as input and provides output in terms of input images.
5.	Business Model (Revenue Model)	By using this system, users can predict and analyse pictures of animals and plants without any need to pay for any experts who specialize in this field.
6.	Scalability of the Solution	The Identification database can be extended by training more data as the user capture more data. By this way it can be scaled to any limit.