Project Design Phase-I
Proposed Solution Template

Date	29 September 2022
Team ID	PNT2022TMID45688
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 build an efficient AI based image recognition tool which effectively to curb out the following constraints: • To capture the flora and fauna using the AI tool • To provide the information about the flora and fauna resp..
2.	Idea / Solution description	This system is built by using the Image/object recognition and classification using (CNN) Convolutional neural network. By using this system, we can capture the image of any animals and plants and can obtain the information about the flora and fauna at any time
3.	Novelty / Uniqueness	This AI powered chatbot gives a 24*7 efficient automated so that the service can be used anywhere and anytime. This system carries out the visualisations of the interpreted results. It also provides various information regarding the respective flora and fauna.
4.	Social Impact / Customer Satisfaction	The feasibility of implementing this idea is moderate neither easy nor tough because the system needs to satisfy the basic requirements of the customer as well as it should act as a bridge towards achieving high accuracy on predicting and analysing the image taken as

		input and to deliver the output with respective to the input image.
5.	Business Model (Revenue Model)	By using this system, the users can predict and analyse the picture of the animals or plants. In which it results to the visualizing the description of the flora or fauna which taken as input.
6.	Scalability of the Solution	By implementing this system, the people can efficiently and effectively to gain knowledge about the nature they want and they wish to use at anytime. This system can also be integrated with the future technologies