**Project Design Phase-I**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 24 September 2022 |
| Team ID | PNT2022TMID07192 |
| 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 create a web application which uses a deep learning model,trained on different species and get the prediction of the species when an image is been given. * This is to reduce the carrying of guide book or seeking help from a experienced person during trekking or NCC camps. |
| 2 | Idea / Solution description | By spotting the picture of the flora and fauna we can get a prediction of the snap shotted.For this we are developing a Web Application using deep learning model. |
| 3 | Novelty / Uniqueness | This project aim is to create a web application that will help for hikers,trekking,biodiversity researchers. |
| 4 | Social Impact / Customer Satisfaction | It will gain the knowledge for the user to know about different kinds of species like mammals,birds and plants. |
| 5 | Business Model (Revenue Model) | Freemium |
| 6 | Scalability of the Solution | Its freiendly to the users and helps to know about the unknown species. |