**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 06 October 2022 |
| Team ID | PNT2022TMID00699 |
| Project Name | Project – Digital Naturalist – AI Enabled tool for Biodiversity Researchers |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

The project team shall fill in the following information in the proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | At some point in time, traditional approaches become inefficient or even impossible given the volume, diversity, and heterogeneity of these data. |
|  | Idea / Solution description | This project focuses on helping researchers, naturalists, and many more people who are involved in exploring nature. It gives the species/botanical names, medicinal values, extinct/endangered species, and information about the flora and fauna to help the people who seek it. This is achieved by deep learning concepts. |
|  | Novelty / Uniqueness | This provides information for both the flora and fauna. |
|  | Social Impact / Customer Satisfaction | Being able to identify the flora and fauna around us often leads to an interest in protecting wild spaces. |
|  | Business Model (Revenue Model) | It can make money through subscription-based.  Partnership with many laboratories and scientists around the world. |
|  | Scalability of the Solution | This application can be accessed anywhere and anytime by users with the help of the internet. |