**Project Design Phase-I Proposed Solution**

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| Date | 27 September 2022 |
| Team ID | PNT2022TMID47172 |
| 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.

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| **S No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To identify a species in a forest or in any other place, we need to carry a heavy book or seek a professional. |
| 2. | Idea / Solution description | A Web Application that is trained with CNN using deep learning model on different species can replace such big books. |
| 3. | Novelty / Uniqueness | The model can identify different species of plants, birds and animals. |
| 4. | Social Impact / Customer Satisfaction | Customer can identify the type of species faster and easier without searching in books page by page. |
| 5. | Business Model (Revenue Model) | The model can differentiate the species at a faster rate with better accuracy. |
| 6. | Scalability of the Solution | The web application apart from researchers can also be used by students and common people . |