## Project Design Phase-I
## Proposed Solution Template

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID22302 |
| Project Name | Project - Digital Naturalist - AI Enabled tool for Biodiversity Researchers |
| Maximum Marks | 2 Marks |

**Proposed Solution:**

| S.No. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | To provide naturalists with a handy tool that helps them to access information about the flora and fauna species they encounter on their search. |
| 2. | Idea / Solution description | A web application built based on CNN that identifies and classifies species of birds, flowers, and mammals and provides precise information about the same when an image is been given. |
| 3. | Novelty / Uniqueness | Unlike type search or voice search in this application precise information is provided instantly after an image scan which is time saving as well as easy to use. |
| 4. | Social Impact / Customer Satisfaction | • Nature conservation in increasingly profound ways.<br>• Improves education system. |
| 5. | Business Model (Revenue Model) | Freemium model. |
| 6. | Scalability of the Solution | This project can be adapted on a large scale by collaborating with biodiversity researchers and naturalists who want to expand their research and protect wildlife. |