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

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID48861 |
| Project Name | Project – Emerging methods for early detection of forest fire |
| Maximum Marks | 3 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) | **Problem Statement:**   * Trees want protection * Living this are destroyed by this hazard   **Problem solving**:   * we produce consequent monitoring in automation * we can provide quick information before the forest fire occur |
| 2. | Idea / Solution description | **Idea:**   * Image Recognition   **Solution description:**   * It will store actual image on database * When the image is varied as different image * It will send the information to central gateway |
| 3. | Novelty / Uniqueness | **Novelty:**   * It can access any condition * Low data rate and minimum power consumption |  |
| 4. | Social Impact / Customer Satisfaction | **Social impact:**   * The information reached to base station before forest fire occur the people can know the location to be hazard happen.   **Customer satisfaction:**   * It is not only used in forest * It can suitable to use in Shabdkosh (land and gardens) * Customer can protect their Tree lands and Gross lands |
| 5. | Business Model (Revenue Model) | **Business Model:**   * Business to Consumer (B2C) model |
| 6. | Scalability of the Solution | **Scalability of the Solution:**   * Intermediate cost * Communication equipment’s |