**Project Design Phase-I**

**Proposed Solution Template**

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| Date | November 1 2022 |
| Team ID | PNT2022TMID22838 |
| Project Name | Smart solution for railways |
| 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** |
|  | Problem Statement (Problem to be solved) | Smart Solutions for railways is designed to reduced the work load of the user and also the use of paper. |
|  | Idea / Solution description | Smart sensors can be used to track important assets, manage passenger flow, and enable predictive maintenance. |
|  | Novelty / Uniqueness | Usage of QR code |
|  | Social Impact / Customer Satisfaction | Avoid last time traffic,  Improved efficiency |
|  | Business Model (Revenue Model) | Yes, As it is the affordable device we can able to implement to the many network. |
|  | Scalability of the Solution | By this proposed solution we can avoid rail line crossing deaths ,monitor rail friction , detect obstacles and track maintenance. |