**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID35911 |
| 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) | Railway washrooms are stinky and unhygiene, A Sensor is fixed inside the washroom. |
|  | Idea / Solution description | After using washroom,fixed thermal and PIR sensor passes the info and cleaning the entire washroom. |
|  | Novelty / Uniqueness | Automatic flushing of washrooms in train coaches using sensors. |
|  | Social Impact / Customer Satisfaction | People will feel free to use washrooms in railways and hence the users health is taken care. |
|  | Business Model (Revenue Model) | Sensors can be used to track and manage the passengers flow and enable hygienic maintenance. |
|  | Scalability of the Solution | Active monitoring by sensors offers a solution that ensures our implementation is quite feasible. |