Project Design Phase-I Proposed Solution Template

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| Date | 06 NOVEMBER 2022 |
| Team ID | PNT2022TMID22240 |
| 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** |
| 1. | Problem Statement (Problem to be solved) | SMS alert service would be introduced to inform passengers about train arrival and departure.Mobile charging facility would be made available in all trains and stations.The facility will be extended to general coaches as well. |
| 2. | Idea / Solution description | Rail service information could even be integrated with other transport modes,such as bus and taxi services,to guide passengers through smooth door-to-door journeys. |
| 3. | Novelty / Uniqueness | Although there has been some delays to the project,the trains are set to reach speeds of up to 760mph.This train’s most notable feature is the touch-screen interactive windows which would allow passengers to access information like the destination and high profile events,time and date,temperature,train speed and more. |
| 4. | Social Impact / Customer Satisfaction | Signalling systems and railway automation solutions are crucial to detect and signal whether line sections are clear are occupied. |
| 5. | Business Model (Revenue Model) | E-ticket, Drinking water, Tourism, Catering are providing revenue for railways. |
| 6. | Scalability of the Solution | Providing various food delivery options from nearby restaurants to the railway stations. |