

Project Design Phase-I
Proposed Solution

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| Date | 12 OCTOBER 2022 |
| Team ID | PNT2022TMID39059 |
| Project Name | Project – smart solution for railways |

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter | Description |
|-------|--|--|
| 1. | Problem Statement (Problem to be solved) | Customizable ticket booking. |
| 2. | Idea / Solution description | <ul style="list-style-type: none">• Online ticket booking• Monitoring object or person movement by GPS. |
| 3. | Novelty / Uniqueness | Gives freedom to potential visitors to book tickets anytime they want. |
| 4. | Social Impact / Customer Satisfaction | <ul style="list-style-type: none">• User friendly• 24*7 customer support• Highly recommended |
| 5. | Business Model (Revenue Model) | * Advertisement * Convenience fee over the pricing of tickets |
| 6. | Scalability of the Solution | <ul style="list-style-type: none">• IOT sensors or automated safety monitoring and prediction of wheel and bearing failure,as well as detection of oil or gas leakages.• IoT enabled advanced analytics allows railway operators to find data-driven solutions to improve fleet control and rail operations ,as well as increases passenger satisfaction. |