

PROJECT DESIGN PHASE -1

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| TEAM ID | PNT2022TMID38248 |
| TOPIC | SMART SOLUTION FOR RAILWAYS |
| MAXIMUM MARKS | 2 MARKS |
| DATE | 16/10/2022 |

Proposed Solution Template:

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

| S.NO | Parameters | Description1 |
|------|--|---|
| 1. | Problem statement (problem to be solved) | <ul style="list-style-type: none">• To design a webpage where public can view and book tickets and to enable proper less ticket verification• To track the live location of all the trains• To increase smart facilities in railways to ensure passenger safety and comfort |
| 2. | Idea/solution description | <ul style="list-style-type: none">• GPS tracker is placed in the train so that the passengers can track the location of the train even it is delayed.• ☑ Passengers can book their tickets using the website which is possible at anytime, anywhere.• ☑ Smart ticketing to avail seasons so that physical work is eradicated. |
| 3. | novelty/uniqueness | <ul style="list-style-type: none">• Automated waiting list clearance |

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| | | <ul style="list-style-type: none"> • Health monitoring to loco pilot • Qr based entry and exit into stations |
| 4. | Social Impact / Customer Satisfaction | <ul style="list-style-type: none"> • No Queuing to get tickets and burdenless because of e-tickets. • Elimination of dilemma whether the train has left or yet to arrive. • Can get the status and avail of e-seasons • instead of visiting the station physically every time. |
| 5. | Business model (Revenue model) | Transaction Revenue Model |
| 6. | Scalability of the solution | <p>The booking and tracking software can support a large number of customers</p> <p>The automations can be implemented in a large scale</p> |