

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

|               |                                      |
|---------------|--------------------------------------|
| Date          | 13 October 2022                      |
| Team ID       | PNT2022TMID29870                     |
| Project Name  | Project -SMART SOLUTION FOR RAILWAYS |
| Maximum Marks | 4 Marks                              |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task)   |
|--------|-------------------------------|--|
| FR-1   | User Registration             | Registration through Form<br>Registration through Gmail<br>Registration through LinkedIn |
| FR-2   | User Confirmation             | Confirmation via Email<br>Confirmation via OTP   |
| FR-3   | QR Code                       | Send QR Code via mail  |
| FR-4   | verification                  | Ticket collector verify the QR code  |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

| FR No. | Non-Functional Requirement | Description                                |
|--------|----------------------------|--|
| NFR-1  | <b>Usability</b>           | Easy to understand and use                 |
| NFR-2  | <b>Security</b>            | To provide more security and use flexibly  |
| NFR-3  | <b>Reliability</b>         | Anyone couldn't misbehave this application |
| NFR-4  | <b>Performance</b>         | To provide best performance                |
| NFR-5  | <b>Availability</b>        | Anyone can easy to use this application    |
| NFR-6  | <b>Scalability</b>         | Travels unlimited passengers               |