# Project Design Phase-II

## Solution Requirements (Functional & Nonfunctional)

| Date | 28 October 2022 |
|------|-----------------|
| Team ID | PNT2022TMID26602 |
| Project Name | Smart Solutions 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 |
| FR-2 | User Confirmation | Confirmation via EmailConfirmation via OTP |
| FR-3 | User QR code generation | QR code is generated |
| FR-4 | GPS tracker | Location is tracked |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | Users can navigate easily |
| NFR-2 | **Security** | The details are secured in the database |
| NFR-3 | **Reliability** | Reliable to the users without any failure as it is not fixed to limited number of users |
| NFR-4 | **Performance** | User-friendly |
| NFR-5 | **Availability** | Available any time at the time of ease |
| NFR-6 | **Scalability** | Support the users with their needs in reserving ticket and tracking the location. |