# Project Design Phase-II

**Requirements Analysis (Functional & Non-functional)**

|  |  |
| --- | --- |
| Date | 15 October 2022 |
| Team ID | PNT2022TMID40702 |
| Project Name | Project – Smart solution for railways |

## 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 Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email 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 | **Usability** | Easy to understand and use |
| NFR-2 | **Security** | To provide more security and use flexibly |
| NFR-3 | **Reliability** | Anyone couldn’t misbehave this application |
| NFR-4 | **Performance** | To provide best performance |
| NFR-5 | **Availability** | Anyone can easy to use this application |
| NFR-6 | **Scalability** | Travels unlimited passengers |