**Project Design Phase-I**

| **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 |

**Solution Requirements (Functional & Nonfunctional)**

| **DATE** | 17 SEPTEMBER 2022 | |  |
| --- | --- | --- | --- |
| **TEAM LEADER NAME** | Selvakumaran Rethik | |  |
| **TEAM MEMBERS** | Nataraj,Charansundar,BhadriPrasad | |  |
| **PROJECT NAME** | PROJECT – SMART SOLUTION FOR RAILWAYS | |  |
| **MAXIMUM MARKS** | 2 MARKS | |  |
| **DATE** | | 18 October 2022 | |
| **PROJECT NAME** | | Project - Smart Solutions for Railways | |
| **MAXIMUM MARKS** | | 4 Marks | |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Non-functional Requirements:**

| **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. |

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