

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

Date	18 October 2022
Team ID	PNT2022TMID24861
Project Name	Project - 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 Email Confirmation 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	<b>Usability</b>	Users can navigate easily
NFR-2	<b>Security</b>	The details are secured in the database
NFR-3	<b>Reliability</b>	Reliable to the users without any failure as it is not fixed to limited number of users
NFR-4	<b>Performance</b>	User-friendly
NFR-5	<b>Availability</b>	Available any time at the time of ease
NFR-6	<b>Scalability</b>	Support the users with their needs in reserving ticket and tracking the location.