

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

Date	28 October 2022
Team ID	PNT2022TMID18199
Project Name	Project – Smart Solutions For Railways
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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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.

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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.