

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

Date	15 October 2022
Team ID	PNT2022TMID44069
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 Website Registration through Form
FR-2	User Confirmation	Confirmation via -Email OTP
FR-3	QR Code	Sending QR Code via mail
FR-4	Verification	Ticket Scanner on each coach

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Easy to understand and use Sending notification when train arrived
NFR-2	<b>Security</b>	To provide more security and use flexibly
NFR-3	<b>Reliability</b>	No one can misuse this application
NFR-4	<b>Performance</b>	To give better perform
NFR-5	<b>Availability</b>	User friendly

NFR-6	<b>Scalability</b>	Ability to provide information for unlimited passengers
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