

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

Date	03 October 2022
Team ID	PNT2022TMID44878
Project Name	Smart Solution 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 generated
FR-4	GPS tracking	Live location

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User can navigate easily
NFR-2	Security	The user detail are secured in cloud
NFR-3	Reliability	Reliable to the user without any failure as it is not fixed to limited number of users
NFR-4	Performance	User friendly
NFR-5	Availability	At any time
NFR-6	Scalability	Support the user with their need in ticket booking & tracking the train live location