

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

Team ID	PNT2022TMID37954
Project Name	Project – Smart Solutions for Railways

Functional Requirements:

Following user the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Mobile app which is created by the team
FR-2	User Confirmation	Confirmation will be sent via sms
FR-3	For android and pc user	The sms will be sent to both the user's to their mobile number

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The user can book tickets from anywhere and any place if he is android and pc user
NFR-2	Security	User security : Documents and ticket loss will avoided
NFR-3	Reliability	data's will be stored in IBM cloud so only particular user only can access the user data's
NFR-4	Performance	The user Data, Documents ,and ticket information will be generated to QR code information and sent through SMS with in few seconds The app which will be created will consume less data than other train registration app
NFR-5	Availability	This app can used by all smart phone users If the user is a person who has a fear of loosing tickets and document's this will be a use full method of booking tickets
NFR-6	Scalability	This app can be used for future the information like train location and some other information can be added