

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

Date	03 October 2022
Team ID	PNT2022TMID30896
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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User account creation	Aadhar number verification Confirmation through OTP
FR-4	User ticket booking	Number of seats Selection of seats Confirmation of seats Confirmation message
FR-5	User ticket cancelation	Cancellation of tickets Confirmation of cancelation

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is user friendly and there is no complex unit present in the user side
NFR-2	Security	The data which is entered in the app are end-to-end encrypted
NFR-3	Reliability	It is more reliable as the data base used is ibm cloudant
NFR-4	Performance	The performance is enhanced as its has 8.4 Ghz radio frequency
NFR-5	Availability	It will be available all over the world through the internet