

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

Date	03October 2022
Team ID	PNT2022TMID10319
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 Sign in/Signup	User sign in/sign up to his account
FR-2	Customer Reserves ticket	Customer reserves ticket via website
FR-3	Confirmation of tickets	Alert the passenger with journey details via SMS/Email
FR-4	Journey Details	Passenger can see details of their journey like boarding point , timings etc... using the website
FR-5	Emergency call	Passengers can give emergency call/SMS to respective authority in case of any emergency
FR-6	Feedback	Passengers can give their feedback about their journey and also give recommendation in area of improvement

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application is user-friendly. Users can navigate quite easily.
NFR-2	Security	Authorization is done . 2-factor security is enabled. Data is secured in database.
NFR-3	Reliability	Application is highly reliable. It gives accurate data regarding location of train.
NFR-4	Performance	Good performance. Responsive User-friendly and Interactive.
NFR-5	Availability	Application is available 24/7 It can be accessed from anywhere.
NFR-6	Scalability	It is highly scalable. Supports a large amount of users.