

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

DATE	20 OCT 2022
TEAM ID	PNT2022TMID50925
PROJECT NAME	SMART SOLUTION FOR RAILWAYS

TEAM MEMBERS	1.) E.ELANGO(Leader) 2.) I.N.JAMES PREM KUMAR 3.) J.LOUIS REMILTAN 4.) P.BACKIARAJ 5.) M.BALAMUTHU MANIKANDAN
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Functional Requirements:

The Following are the functional requirements of the proposed solution.

S.NO	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
1.)	User Requirements	1.Mobile Phone
		2.Internet
		3.QR Code Scanner
2.)	User Registration	1.Manual Registration

		2.Registration through Web Page
		3.Registration through Application
3.)	User Confirmation	1.Confirmation via Phone
		2.Confirmation via Email
		3.Confirmation via OTP
		4.Confirmation via SMS
4.)	Payment Options	1.Net banking/UPI
		2.Credit/Debit/ATM card
		3.Digital Wallet
5.)	Application Installation	1.Free Installation via Play Store and App Store
		2.Website is available free and will function always
6.)	Application Feedback	1.Through Web page
		2.Through Phone calls

Non-functional Requirements:

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

S.No	Non Functional Requirements	Description
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1.)	Usability	1.Have a simple and efficient application demo video.
		2.Easier to use.
		3.If a Traveller has a Mobile phone,they may easily Understand the procedure and make Reservation.
2.)	Security	1.Two-step authorization is required to secure the application.
		2.Username and password will be assigned in accordance with user requirements.
3.)	Relaibility	1.Periodic updates shoud be made to websites and applications.
		2.If the booking process in intrerrupted by an internet outage, we offer an office mode to complte the detail process.
4.)	Performance	1.The user interface of the web application must be user-friendly.
		2.Payment methodes should be

		quick and easy.
5.)	Availabilty	1.Provided with the proper train location.
		2.Databases are maintained for passenger history.
		3.Anytime and anywhere for online ticket booking.