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

Date	2 NOV 2022
Team ID	PNT2022TMID45560
Project Name	smart solutions 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	• The user registration will be 1st one is the application will installed.All the language will available in this app. Then select the Language.user can see the page of showing enter user name,mobile number, email ID. The page it show verification code. The verification code will through the user email ID. Or sent through the mobile number. User verification code: • The verification code will show it user registered email id.
FR-2	User Confirmation	• The verification code will entered to the app. The app will accept the code . The ticket booking home page is showing.
FR-3	Process of booking	• When the home page is opened there will be a from and to option. User enter the details. then after that user can able to see the number of trains availability and seats availability. • User can select the particular train and particular seats which we need and click the confirm option.
FR-4	Payment process	• Before, the payment will show this page. All the payment plans will available in this

		app. Like google pay, phone pay, Paytm, etc.
		• When we select that method it process through selected payment option then payment should be done carefully, then the ticket is confirmed. After confirmation it will return to the page and we can see the details of booking.
FR-5	**User Confirmation**	• The QR code send through user registered email ID. OR code will scanning. The ticket booking confirmation will get the e-mail id

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	• This app set to easily method . • All the languages will be access .
NFR-2	**Security**	• The permissions access location only. • there will be no other unauthorized permission should be entered to it.
NFR-3	**Reliability**	• When the user are entering the details,that time if network connection is disabled. • All the details will be stored automatically. No need to enter the details again.
NFR-4	**Performance**	• The app is more secured and it will obtain through the back end . • no unauthorized can access the application.
NFR-5	**Availability**	• The QR code only send through the user registered emai id .
NFR-6	**Scalability**	• All the data will be stored carefully and other issues will be obtain.