

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

Date	03 October 2022
Team ID	PNT2022TMID46747
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 done in the ticket form
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User QR code generation typed in the ticket	QR code is generated
FR-4	Recording the maintenance	Performance evaluation of components

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Users can navigate easily
NFR-2	Security	The details are secured in the database.
NFR-3	Reliability	Reliable to the users without any failure as it is not fixed to limited number of users
NFR-4	Performance	User-friendly
NFR-5	Availability	Available any time at the time of ease
NFR-6	Scalability	Support the users with their needs in Bio toilet and special track maintenance.