

Functional Requirement

Functional Requirements:

Following are the functional requirements of the proposed solution.

SI.NO	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
1	User Registration	Registration through Form Registration through Gmail
2	User Confirmation	Confirmation via Email
3	User Input Acceptance	The dashboard accepts user input by means of selecting the location of the ports.
4	Options for User to filter location of ports	The user can use filter options to view ports by countries.
5	Visualization of ports.	The dashboard provides various visualization techniques to understand the flow.
6	Providing Delay Information of trains.	The dashboard is able to provide the user the information like delay of a particular train to the ports.

Non-functional Requirements:

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

Sl.NO	Non-Functional Requirement	Description
1	Usability	The dashboard is able to provide the users the consistency and the aesthetic they expect. The user can constantly use the dashboard without any flaw in the visual quality.
2	Security	The dashboard is much secured that the data of the users are kept confidential and also it is not prone to any kind of attacks.
3	Reliability	The failure rate is minimal and the failure can easily be rectified using the measures. Thus this makes the dashboard much reliable.
4	Performance	The dashboard gives better performance. It provides the user a convenient and flexible User Interface.
5	Availability	The dashboard is always available to serve the users. The availability is ensured in such a way that the user can access the dashboard any time anywhere.
6	Scalability	The dashboard is highly scalable. It can withstand any increase or decrease of loads.

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