

Project Design Phase-II

Functional Requirements (Functional & Nonfunctional)

Date	31 October 2022
Team ID	PNT2022TMID35420
Project Name	Airline Data Analytics for Aviation Industry
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User can easily understand and make use of the features of the application effectively. The application has a simple and user friendly graphical interface. Any action has to be performed with just a few clicks.
NFR-2	Security	A proper login mechanism is used to avoid hacking. Personal information of users and other organization details to public will not be disclosed by the organization system.
NFR-3	Reliability	Even when the system is disconnected or frozen due to over access at the same time, it should save all the process of the users made up to the point of abnormal happenings.

NFR-4	Performance	The system should require an appropriate amount of speed especially while browsing through the catalogue.
NFR-5	Availability	The system shall be available all day and all week. User can access at anytime.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Customer Registration	Registrations can be made by the customers through Gmail.
FR-2	User Confirmation	Once the registration is completed, the customer will get confirmation through mail.
FR-3	Visualizing data	The Regular trends of delay of flights Using IBM cognos Analytics can be visualized by the users.
FR-4	Generating Report	The flight delay report can be viewed by the user.

Non-functional Requirements:

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

NFR-6	Scalability	The website can be accessed by a large number of users.
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