

Project design phase - II

TEAM ID : PNT2022TMID22723

Airlines data analytics for aviation industry

Functional Requirements (Functional & Non- functional)

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Customer Registration	Customers can register using their Gmail account.
FR-2	User Confirmation	The consumer will receive mail confirmation following registration.
FR-3	Visualizing data	Using IBM cognos Analytics, a user can see the regular trends in flight delay.
FR-4	Generating Report	Viewing the flight delay report is possible.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The programme will have an easy-to-use graphical user interface. All the elements of the application would be simple for users to comprehend and utilize. Any activity must be carried out in a matter of clicks.
NFR-2	Security	Since user accounts are the main target of security concerns, adequate login procedures should be followed to prevent hacking. The system should not make public user personal information or other organization information.
NFR-3	Reliability	The system should save all user processes made up to the point of abnormal occurrences when it disconnects or freezes as a result of excessive simultaneous access.
NFR-4	Performance	The system need to require some speed, especially when navigating the catalogue.
NFR-5	Availability	The system must be accessible every day of the week, 24 hours a day. Access is available at any time.

NFR-6	Scalability	There are many users who can access the website.
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