

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

Date	05 November 2022
Team ID	PNT2022TMID36981
Project Name	Airlines Data Analytics for Aviation Industry
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 through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
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 id possible .

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	How easy is it for a customer to use the system? We grouped some of them since the approaches to documenting these requirements overlap and some can't be estimated without the other ones
NFR-2	Security	How well are the system and its data protected against attacks?
NFR-3	Reliability	How often does the system experience critical failures? How much time does it take to fix the issue when it arises?
NFR-4	Performance	It defines how fast a software system or a particular piece of its respond to certain users actions under a certain workload.
NFR-5	Availability	How is user availability time compared to downtime?
NFR-6	Scalability	It assesses the highest workloads under which the system will still meet the performance requirement. <ul style="list-style-type: none">• Horizontal scaling and Vertical scaling