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

Date	03 October 2022
Team ID	PNT2022TMID36255
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	Customers can Register using their Gmail account.
FR-2	User Confirmation	After the registeration the customer will get confirmation through , G mail.
FR-3	Visualizing data	User can visualize the Regular trends of delay of flights Using IBM cognos Analytics
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**	The main security concern is for users account hence proper login mechanism should be used to avoid hacking. The organization system should not disclose personal information of users and other organization details to public.
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 shall be available 24 hours a day 7 days a week. User can access at anytime
NFR-6	**Scalability**	Large number of users can access the website.