Project Design Phase-I
Proposed Solution

Date	21 September 2022
Team ID	PNT2022TMID01325
Project Name	Project - AIRLINE DATA ANALYTICS FOR AVIATION INDUSTRY
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Air travel is becoming increasingly popular among travelers, owing to its convenience and, in some cases, comfort. This has resulted in phenomenal growth in both air traffic and ground traffic. • Increased air traffic has resulted in massive levels of aircraft.There are delays both on the ground and in the air. These delays are to blame for significant monetary losses • It is critical to provide better airline and airport services while avoiding delays. in Air Travel across various locations and promise to transport passengers from On time from Location A to Location B.
2.	Idea / Solution description	Our proposed system includes the following features: Prior notice of flight delays Weather forecasting updates Flight recommendations based on the dashboard
3.	Novelty / Uniqueness	The priority tags are recognized first using the priority selection technique, and then all other tags within its range are identified. As a result, the priority tag can receive service as soon as it is identified, while the other tags must wait in a line and receive service later. Keep connections with passengers and the cabin staff, if you can, and share information on the specifics and status of the trip so that you can interact with the right employees.
4.	Social Impact / Customer Satisfaction	Digital ads encouraging users to join the site and live updates on flight details will encourage our customers to use this site, which connects cabin crew and passengers, more frequently.
5.	Business Model (Revenue Model)	There are numerous apps available in this regard right now.However, once properly developed, our solution has the potential to ensure that passengers travel without delay due to air trafficking and that they are aware of any flight delays.

6.	Scalability of the Solution	Our suggested solution is very scalable in that there are many opportunities for enhancing our system in the coming years by incorporating data analytics , leveraging data visualization, and other technologies.