Project Design Phase-I
Proposed Solution

Date	17 OCT 2022
Team ID	PNT2022TMID12865
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	• Understanding traveler demand for specific city pairs and pricing flights can be done using data analytics project. • Airlines use this biometric technology as a boarding option. The equipment scans travelers' faces and matches them with photos stored in border control agency databases. These can be handled with the aforementioned project.

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	• Data analytics helps the industry to understand customers' preferences and other maintenance issues. • For instance, analysis of ticket booking helps the industry to target the customers with personalised offers while optimising the price in real-time using predictive analysis techniques. As a result, by gathering meaningful data, airlines can fetch more bookings in the given timeframe.
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	• The Cloud Cognos Analytics is not only for particular organization/governments. • Aviation industry acting under international, domestic or private are also getting satisfied with the aviation data analysing process provided as per their needs.