

Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID25103
Project Name	Airline Data Analytics for Aviation Industry
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none">❖ At airline there is many problem in planning and operation like complexity,detailed and on target modelling is needed to secure useful and well organized solution.❖ At the same time there is continuous change in an airline environment.❖ The industry adapts passenger airlines and air transportation come up with needs to look at how they can reduce health concerns without shrink the customer experience.
2.	Idea / Solution description	<ul style="list-style-type: none">❖ Understanding traveler demand for specific city pairs and pricing flights can be done using data analytic.❖ Airlines use this AI system which is built in machine learning algorithm to collect and analyze flight data with regard to each route distance and altitude,aircraft type and weight,wealth etc. These can be handled with the aforementioned project.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">❖ Airlines airports aviation ground handling companies to provide audits workshop,presentation & seminar centered around executive presence corporate image ,team building and exceptional customer service.❖ Due to the use of smart data analytics, passengers will avoid many issues with baggage tracking. While radio- frequency identification prevents mishandling the baggage, predictive analysis assists in improving the predictability of fleet reliability.

4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ❖ The industry to understand the customers' convenience, quality, price and other maintenance issues by the Data analytics. ❖ The airline industry keeps the detail of customers up-to-date in real time and they also provide their need unique experiences. If there is any issues the customer don't get a proper response for the problem, next time the customer won't like to choose this Airline. The speed of response is important.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ❖ Business models is used to describe about the organization design or the company's. ❖ It measures and manage the necessary data and it specify the description of company's value generation system. ❖ A revenue model is a blueprint that shows how a startup business will earn revenue or gross income from its standard business operations, and how it will pay for operating costs and expenses.
6.	Scalability of the Solution	<ul style="list-style-type: none"> ❖ 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 analyzing process provided as per their needs.