Project Design Phase-I Proposed Solution

Date	01 October 2022
Team ID	PNT2022TMID41005
Project Name	Airlines Data Analytics For Aviation Industry's
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)	• To provide better airlines solutions and avoid flight delays during air travel across different regions.
2.	Idea / Solution description	• Understanding traveler demand for specific city pairs and pricing flights can be done using data analytics project.
3.	Novelty / Uniqueness	• Unique Visualization of data from different datasets and unique graphical representation

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 personalized offers while optimizing 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)	• Creating a application in a subscription based model
6.	Scalability of the Solution	• Size and number of the data on the datasets can be large and sometimes very hard to visualize.