

# Project Design Phase-I Proposed Solution

Date	02 October 2022
Team ID	PNT2022TMID28714
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)	<ul style="list-style-type: none"><li>To provide better airlines solutions and avoid flight delays during air travel across different regions.</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>Understanding traveler demand for specific city pairs and pricing flights can be done using data analytics project.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>Unique Visualization of data from different datasets and unique graphical representation</li></ul>

4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>• Data analytics helps the industry to understand customers' preferences and other maintenance issues.</li> <li>• 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.</li> </ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>• Creating a application in a subscription based model</li> </ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>• Size and number of the data on the datasets can be large and sometimes very hard to visualize.</li> </ul>