

Project Design Phase-I Proposed Solution

Date	20 October 2022
Team ID	PNT2022TMID13602
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">• To provide better airlines solutions and avoid flight delays during air travel across different regions.• This situation will result in the generation and the propagation of delays throughout the system, impacting passengers' quality of travel and morebroadly the economy.
2.	Idea / Solution description	<ul style="list-style-type: none">• Airlines use this biometric technology as a boarding option.• Understanding traveler demand for specific city pairs and pricing flights can be done using data analytics project.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• Unique Visualization of data from different datasets and unique graphical representation• Due to the use of smart data analytics, passengers will avoid many issues withbaggage tracking.

4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • Creating a application in a subscription based model • A revenue model is a blueprint that shows how a startup business will earn revenue or gross income from its standard business operations
6.	Scalability of the Solution	<ul style="list-style-type: none"> • Aviation industry acting under international, domestic or private are also getting satisfied with the aviation data analysing process provided as pertheir needs.