

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	
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 traveller 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	<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)	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.