

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID53188
Project Name	ARLINES 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)	To provide better Airline and AirPort services and to avoid delays in Air Travel across different locations at Municipality level. The aim is to provide airports, airlines, and the travelling public with a neutral, third-party view of which airlines are delivering on their promise to get passengers from Point A to Point B on-time.
2.	Idea / Solution description	Understanding various factors that cause delay. Performing descriptive and predictive analysis on the dataset. Perform visualization on the dataset
3.	Novelty / Uniqueness	We're providing a third party view on our data analytics solution that can be understood by anyone from normal man to a trained professional in the airlines industry
4.	Social Impact / Customer Satisfaction	Since simple and readable view is provided, even those who do not know how to read the statistical data can read and understand data.
5.	Business Model (Revenue Model)	Airlines can regain trust from their customers Airlines can find the cause of their delays gives which flights cause delay often
6.	Scalability of the Solution	We will start with static data and try to integrate with dynamic data. If the project is successful we will aim for the higher scalability.