

**Project Design Phase-I**  
**Proposed Solution Template**

Date	05 November 2022
Team ID	PNT2022TMID22157
Project Name	Project - Developing a Flight Delay Prediction Model using Machine Learning
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Due to poor weather condition, some of technical problems occurred in aircraft leads the flight delay. so ,the travellers hates flying late. Due to this problem the air travellers count will decrease day by day. We need to fix this problem to improve airline operations and passenger satisfaction, which will result in a positive impact on the economy.
2.	Idea / Solution description	<b>Idea:</b> Collect the Passengers flight on-time data and process the collected data, and using some required Data Science algorithm to predict the delay of the flight's.
3.	Novelty / Uniqueness	<b>Uniqueness:</b> To collect the data's of flights and weather conditions to train our model to predict the results
4.	Social Impact / Customer Satisfaction	<b>Customer Satisfaction:</b> Passenger should be able to go to the correct his/her destination by correct time.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>▪ Application</li> <li>▪ Website</li> </ul>
6.	Scalability of the Solution	By using this type of application or a website we would know about the flight's delay. By adding some extra features to our home page to know the details about the flight and where it's been flying and when will we reach the destination.