

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID13798
Project Name	Developing a Flight Delay Prediction Model using Machine Learning
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 develop a flight delay prediction model using Machine Learning.
2.	Idea / Solution description	Creating an application that will be utilised to estimate flight delays using a machine analysis of data and learning.
3.	Novelty / Uniqueness	The model continuously picks up new information, adapts based on it, and automates as best it can.
4.	Social Impact / Customer Satisfaction	Customer satisfaction: Information about flight delays in advance. Impact: An increase in capital costs, flight crew relocation.
5.	Business Model (Revenue Model)	Concepts of machine learning, statistical models, probabilistic models, and network representation.
6.	Scalability of the Solution	It can process any volume of data and carry out numerous computations quickly and affordably for millions of users spread around the globe.