Project Design Phase-I
Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID08017
Project Name	Developing A Flight Delay Prediction Model Using Machine Learning

Proposed Solution :

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	We compare decision tree classifier with logistic regression and a simple neural network for various figures of merit.
3.	Novelty / Uniqueness	Notify users if the delay is more than 15 minutes through a web application.
4.	Social Impact / Customer Satisfaction	optimize flight operations and minimize delays.
5.	Business Model (Revenue Model)	By using : Reduce flight delay and manage air traffic. without using : delays are responsible for large economic and environmental losses.
6.	Scalability of the Solution	This solution can be implemented to predict the delay of both domestic and international flights.