Project Design Phase-I
Proposed Solution

Date	15 October 2022
Team ID	PNT2022TMID27643
Project Name	Developing a flight delay prediction using machine learning
Maximum Marks	2 Marks

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	**Problem:** Due to poor weather condition, some of technical problems occurred in aircraft leads the fight delay. so ,the travellers hates flying .Due to this problem the air travellers count will decreased day by day. We need to fix the problem to improve airline operations and passenger satisfaction, which will result in a positive impact on the economy **Solution:** ➢ **By controlling a mechanical issue occurred in flight and find a daily whether condition. Fast connecting of passengers and bags.**
2.	Idea / Solution description	**Idea:** ➢ Collect the Passengers flight on-time performance data, pre-process the collected data, and apply some learning algorithms with data science to predict a delay of flight.
3.	Novelty / Uniqueness	**Uniqueness**: ➢ To collect a data's of flight and whether conditions to train our model to predict a outcome(delays**)**
4.	Social Impact / Customer Satisfaction	**Customer Satisfaction** Customer should able to go at correct destination at his targeted time.
5.	Business Model (Revenue Model)	➢ Application ➢ Website
6.	Scalability of the Solution	By using this type of application or a website we should know about a flight delays. Add extra features to our traveller's home page to know a details about our flight and where the flight is being fly and when we reach a destination.