IDEATION PHASE
PROBLEM STATEMENT

DATE	14 SEPTEMBER 2022
TEAM ID	PNT2022TMID37095
PROJECT NAME	DEVELOPING A FLIGHT DELAY PREDICTION MODEL USING MACHINE LEARNING
MAXIMUM MARKS	2 MARKS

PROBLEM STATEMENT:

Flight delays can be very annoying to airlines, airports, and passengers. Moreover, the development of accurate prediction models for flight delays became very difficult due to the complexity of air transportation flight data. The ability to predict a delay in flight can be helpful for all parties, including airlines and passengers. This study explores the method of predicting flight delay by classifying a specific flight as either delay or no delay. From the initial review, the flight delay dataset is skewed. It is expected since most airlines usually have more non-delayed flights than delayed ones. Hence, this study compares different methods to deal with an imbalanced dataset by training a flight delay prediction model.

I am	The person to predict the flight delay using Machine Learning techniques.
I'm trying to	Use the recent technologies to calculate the flight delay.
Which makes me feel	I want a best accuracy which can predict the delay so it can help the passenger to plan accordingly.