

Project Design Phase-I
Proposed Solution Template

Date	20 October 2022
Team ID	PNT2022TMID41183
Project Name	Flight delay prediction
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)	Developing A Flight Delay Prediction Model Using Machine Learning
2.	Idea / Solution description	A model which will predict the delay in arrival and departure of the flight in order to optimize flight operations and minimize the delays
3.	Novelty / Uniqueness	The model would state the reason for the delay to passenger and will also check the alternate routes and the availability of seats in backup flights
4.	Social Impact / Customer Satisfaction	With the help of this model the passengers would be able to manage the time in a efficient and effective way
5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	This model can cater only up to a certain extent due to limited data set but with the availability of live data set and proper machine learning algorithms we can increase the accuracy in near future