

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID23891
Project Name	Project – Flight delay detection
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)	Issues including late arrival of aircraft, mechanical delays, waiting for connecting passengers or bags or extreme weather events can cause flight delays or led to flight cancellations in some cases.
2.	Idea / Solution description	To overcome the gradually increasing flight delay we're using supervised machine learning algorithms in order to predict accurate delays in flights which allow passengers to be well prepared for their journey and enables airlines to respond to various cause of flight delay in advance.
3.	Novelty / Uniqueness	Provides appropriate departure and arrival time which helps in passengers easy travelling.
4.	Social Impact / Customer Satisfaction	Flight delay not only irritates air passengers and disrupts their schedules but also cause a decrease in efficiency, increase in capital and additional crew expenses.
5.	Business Model (Revenue Model)	Monthly subscription
6.	Scalability of the Solution	To make the system more scalable supervised machine learning algorithm is used in order to provide better accuracy.