Project Design Phase-I

Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID46908
Project Name	Project – Airline data analytics for aviation industry
Maximum Marks	2 Marks

Proposed Solution :

Project team shall fill the following information on in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Air travel has been increasingly preferred among travellers, mainly because of its speed and in some cases comfort. This has led to phenomenal growth in air traffic and on the ground. • An increase in air traffic growth has also resulted in massive levels of aircraft delays on the ground and in the air. These delays are responsible for large economic losses. • It's important to provide better Airline and AirPort services and avoid delays in Air Travel across different locations and promise to get passengers from Location A to Location B on time.
2.	Idea / Solution Description	Our proposed system has the following Ideation: • Prior information of flight delays • Weather forecasting updates • Giving recommendation of flights based on dashboard

3.	Novelty / Uniqueness	Using priority selection algorithm, admin can identify the priority tags first among all other tags in its range and other tags are identified after that. So, the priority tag can get service immediately after they are identified where the other tags wait in a queue and get service later. If possible, maintain tie-up with passenger and cabin crew and send information about the details and condition of flight which makes interaction with specific crew.

4.	Social Impact / Customer Satisfaction	Digital ads prompted to enroll the site and Live updates of flight details will boost our customers to use this site widely that bridges between Cabin crew and passengers.
5.	Business Model (Revenue Model)	There are many apps currently available in this regard But our solution, once developed well, has enough possibility to safeguard the passenger to travel without delay due to air trafficking and they know the prior information of flight delay.
6.	Scalability of the Solu on	Our proposed solution is very scalable is that in future there are lots of rooms for evolving our present model by adding data analytics using data visualization and tools to enhance our system in upcoming years.