Project Title: **Project Design Phase-I - Solution Fit Template** **Team ID:** PNT2022TMIDxxxxxx

Define CS, fit into CC

1. CUSTOMER SEGMENT(S)
Who is your customer? i.e. working parents of 0-5 y.o. kids

CS

It is difficult to keep track of forecasting data and planes' arrivals and departures for airline and airport customers. Airlines bear significant costs as a result of delays and cancellations, which include maintenance expenses and compensation to passengers stranded in airports. Predictive analytics applied to fleet technical support is a reasonable solution to nearly 30 percent of total delay time caused by unplanned maintenance.

6. CUSTOMER CONSTRAINTS
What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

Since the consumer experience in the airline business is frequently described as a customer's perceptions and responses as he or she travels through the various departure stages and arrives at an airport, it is crucial to connect with customer's mid-flight and understand their in-flight requirements. The post-landing phase is a great chance to interact with passengers and listen to their opinions. In addition to seating comfort and crew decorum, start with the basics, such as seating comfort and crew etiquette. That's a terrific way to boost your online reputation, post-flight.

5. AVAILABLE SOLUTIONS
Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital note taking

AS

➢ the flight data Analytics suite is composed and advanced solution developed by Aviation experts around common flight data processing core. Each solution in the flight data analytics suites leverages integrated data analytics capabilities, efficiency and in the bottom line.

Explore AS, differentiat

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS
Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

➢ Optimize flight operations based on quantitative analysis. You will identify trends and bottle necks and then advise your management on them.

➢ to use software like Airman or simple tools like Microsoft Excel, you will collect data about important performance indicators (KPIs).

9. PROBLEM ROOT CAUSE
What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations.

RC

➢ monitoring the performance of Aviation safety management systems (SMS) is a common activity for safety managers and upper management alike. Furthermore, in every sms the accountable executive is responsible for directing actions to correct substandard safety performance whenever it is detected.

7. BEHAVIOUR
What does your customer do to address the problem and get the job done?

i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

BE

➢ A Better understanding of how passengers operate can be used to improve Airline Services.

➢ to use data analytics can collect information on people who pass through various checks like baggage check in times and the type of flight in the Airport.

Focus on J&P, tap into BE, understand RC

3. TRIGGERS

TR

➢ Triggers are used to alert technicians that maintenance is required on an asset planning, acting on and recording maintenance triggers is key to keeping equipment at its best and available when you need it, while avoiding extra work.

10. YOUR SOLUTION

SL

➢ The Aim of this project is to sends for arrival and as well as message regarding flight path parameter configuration changes. It also provides a graphical view of aviation industries.

8. CHANNELS of BEHAVIOUR

CH

8.1 Online

➢ Online channels for Airline Data Analytics For Aviation Industry which come for free may steal personal information of users and it may also contains a lots of ads security is not authenticated.

8.2 Offline

Identify

	4. EMOTIONS: BEFORE / AFTER EM How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design. ➢ before The passengers get feared to travel the flight due improper management of airline services to After Nowadays all are travel flights because to reach of our location in correct time. They feel success after making increased profits		➢ Employees can be hired to maintain the Airline Data Analytics for Aviation Industry system logs when the business grows. Manual logs can be maintained