

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID22160
Project Name	Project - AIRLINES DATA ANALYTICS FOR AVIATION INDUSTRY
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)	<ul style="list-style-type: none"><li>• With the increasing demand for air transport and the limited ability to increase capacity at some key points in the air transport system, the inability to scale the system to meet future demands is recognized as difficult. I'm here.</li><li>• This will result in the generation of delays throughout the system, impacting passengers' travel and more broadly the economy.</li><li>• Passengers who do not know their status will be resolved</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>• Efficient date grouping to reduce travel duration delays.</li><li>• Allows you to price traveler demand and flights for specific city pairs.</li><li>• Airlines are using this biometric technology as a boarding option. The device scans the faces of travelers and matches them to photographs stored in border control agency databases. These are treatable.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>• The benefits of big data analytics include timely response to current and future market needs, improved planning, and strategically aligned decision-making.</li><li>• It also includes a clear understanding and monitoring of all key performance drivers relevant to the airline industry. Using intelligent data analytics, passengers can avoid many baggage tracking problems.</li><li>• Radio Frequency Identification Prevents Baggage Mishandling, Predictive Analytics Improves Fleet Reliability Predictability.</li></ul>

4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>• Passenger satisfaction is obtained. No passenger undergoes discomfort during travel or post or pre-travel traumas.</li> <li>• Data analytics helps the industry to understand customers' preferences and other maintenance issues.</li> <li>• As a result, by gathering meaningful data, airlines can fetch more bookings in the given timeframe.</li> </ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>• The solution can be deployed in a variety of government and private sector sectors, enabling proactive action.</li> <li>• Airline innovation can contribute to added value, competitive advantage and profitability through new action options.</li> <li>• A revenue model is a blueprint that describes how a start-up will generate revenue or gross revenue from a standard business and how it will pay operating expenses and expenses.</li> </ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>• This solution is highly scalable for any platform implementation and application.</li> <li>• Cloud Cognos Analytics isn't just for organizations and governments.</li> <li>• The aviation industry, whether international, domestic or private, is pleased with the aviation data analysis methods offered..</li> </ul>