

Project Design Phase-I
Proposed Solu on Template

Date	19 September 2022
Team ID	PNT2022TMID592960
Project Name	Project - Airline Review Classification Using Machine Learning
Maximum Marks	2 Marks

Proposed Solu on Template:

Project team shall fill the following informa on in proposed solu on template.

S.No.	Parameter	Descrip on
1.	Problem Statement (Problem to be solved)	The airline industry faces challenges such as overbooking, flight delays, and complex booking processes, leading to passenger dissa sfac on and opera onal inefficiencies. s.
2.	Idea / Solu on descrip on	Our solu on is to develop an advanced airline management system that streamlines the booking process, op mizes flight schedules, and enhances the overall passenger experience through technology integra on.
3.	Novelty / Uniqueness	What sets our solu on apart is the implementa on of AI-driven predic ve analy cs for op mal scheduling, real- me passenger communica on, and a blockchain-based cke ng system for improved security and transparency.
4.	Social Impact / Customer Sa sfac on	Our solu on aims to improve passenger sa sfac on by reducing flight delays and simplifying the booking process. Addi onally, it contributes to reduced carbon emissions by op mizing flight schedules and fuel consump on.
5.	Business Model (Revenue Model)	We plan to generate revenue through a combina on of cket sales, commissions from airline partners, premium service offerings, and strategic partnerships with travel-related businesses. In-flight adver sing and data mone za on will also be explored.

6.	Scalability of the Solution	<p>Our solution is designed for scalability. As our user base and airline partnerships grow, we will invest in cloud infrastructure and performance optimization to ensure the system can efficiently scale without compromising quality and reliability.</p> <p>This template offers a structured approach to presenting your airlines project design idea. It helps you articulate the problem, describe your solution, highlight its uniqueness, discuss its social impact and customer satisfaction, outline your revenue model, and consider the scalability of the solution for future growth.</p>
----	-----------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------