

**Project Design Phase**  
**Proposed Solution Template**

Date	26 June 2025
Team ID	LTVIP2025TMID31510
Project Name	Airlines Management System
Maximum Marks	2 Marks

**Proposed Solution Template: Airlines Management System:**

S.No.	Parameter	Description
1.	<b>Problem Statement (Problem to be solved)</b>	Inefficient flight booking, manual crew assignments, lack of real-time flight updates, and poor communication between passengers and airline staff lead to delays, overbooking, and passenger dissatisfaction.
2.	<b>Idea / Solution Description</b>	Build a cloud-based Airlines Management System on Salesforce that digitizes bookings, automates crew scheduling, tracks flight statuses in real-time, and provides dashboards for operational visibility.
3.	<b>Novelty / Uniqueness</b>	Unlike traditional airline systems, this solution offers AI-based crew optimization, integrated passenger communication, mobile access for staff, and visual dashboards for flight status tracking.
4.	<b>Social Impact / Customer Satisfaction</b>	Reduces flight delays and human error, ensures better coordination, improves passenger experience with timely updates, and increases operational efficiency of airline staff.
5.	<b>Business Model (Revenue Model)</b>	Subscription-based SaaS offering for airline operators with scalable tiers based on fleet size and passengers. Additional charges for analytics, integrations, and advanced automation modules.
6.	<b>Scalability of the Solution</b>	Scalable across multiple airports, flight routes, and airline branches. Supports multilingual passenger interfaces and integration with third-party airport and weather systems.