

Project Design Phase
Proposed Solution Template

Date	20 Feb 2026
Team ID	LTVIP2026TMIDS65759
Project Name	Flight Finder
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Finding, comparing, and booking flights is often time-consuming, scattered across multiple platforms, and lacks a unified, user-friendly interface. Customers struggle to get the best options tailored to their needs quickly, while airlines and agencies need effective channels to reach potential travelers.
2.	Idea / Solution description	Develop a Flight Finder application that allows users to search, filter, and book flights in an intuitive interface. The system connects to airline databases or APIs, providing real-time availability, booking options, secure payments, and automated notifications. Admins can manage flight inventories, monitor bookings, and generate reports.
3.	Novelty / Uniqueness	Combines an easy search and booking process with intelligent filters (price, duration, stops, airlines) plus a built-in admin portal to manage flights. Includes secure online payments and real-time updates, reducing dependency on travel agents or fragmented platforms.
4.	Social Impact / Customer Satisfaction	Simplifies air travel planning, saving customers time and effort while giving them more control over travel choices. Helps small airlines and agencies reach more customers, improving service accessibility.
5.	Business Model (Revenue Model)	The platform can generate revenue through commissions on ticket bookings, premium placement for airlines, advertising, or offering a subscription model for frequent travelers to access exclusive deals and priority support.

6.	Scalability of the Solution	The application is designed with modular, scalable architecture that can handle increasing numbers of users and integrate additional airlines, destinations, or even hotel bookings and packages in the future. It can be deployed on cloud infrastructure to handle dynamic load.
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