Project Design Phase

Proposed Solution Template

Team ID	LTVIP2025TMID58532
Project Title	Flight finder: navigating your air travel options

Proposed Solution Template

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

S.No.	Parameter	Description
1	Problem Statement	Users face difficulties in comparing, booking, and managing flight tickets due to scattered systems, poor user experience, and lack of timely updates. Travel administrators also lack a centralized system for analytics and management.
2	Idea / Solution description	A full-stack responsive web and mobile application that enables users to search, compare, and book flights easily. It includes secure payments, real-time notifications, and an admin dashboard for flight management and reporting.
3	Novelty / Uniqueness	The system provides multi-mode login, personalized search filters, real-time updates, and is designed to be mobile-first. Integration with third-party APIs enhances dynamic pricing and availability.
4	Social Impact / Customer Satisfaction	Saves time, ensures transparency in flight

		booking, and provides better accessibility for rural and first-time travelers. The admin dashboard ensures operational efficiency and informed decisions.
5	Business Model (Revenue Model)	Freemium model with commission on each booking. Optional premium features for analytics and support. Integration opportunities with airlines and travel partners for revenue sharing.
6	Scalability of the Solution	Built on scalable cloud infrastructure (AWS/Azure), the platform can handle increasing traffic, users, and partners. Microservices-based architecture ensures future modular upgrades.