

## Project Design Phase

### Proposed Solution Template

Date	26 June 2025
Team id	LTVIP2025TMID20321
Project Name	Flight Finder
Maximum Marks	2 Marks

#### Proposed Solution:

s.no	Parameter	description
1	Problem Statement	Users need a seamless and intuitive way to book flights online with real-time updates. Admins and operators need centralized tools for flight and booking management.
2	Idea / Solution Description	A MERN-stack application with user, admin, and operator roles. It includes flight search, filtering, booking with passenger details, history tracking, and admin/operator dashboards
3	Novelty / Uniqueness	Real-time booking confirmation, flight operator approval flow, flexible admin management dashboard, and role-specific UI/UX.
4	Social Impact / Customer Satisfaction	Empowers all categories of travelers (students, professionals, tourists). Reduces stress and improves access to travel options. Enhances trust with transparent booking data.
5	Business Model (Revenue Model)	Freemium model initially. Revenue via commissions per booking, premium admin tools, airline partnerships.
6	Scalability of the Solution	Scalable architecture using MongoDB and Node.js. Can be deployed to cloud, support multiple airlines, and extended with mobile apps or APIs.