

Project Design Phase
Proposed Solution Template

Date	27 th June 2025
Team ID	LTVIP2025TMID45514
Project Name	FlightFinder
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)	Travelers, especially those with tight schedules or budget constraints, often struggle to find the best flight options quickly and affordably. There's also a lack of real-time tracking, booking transparency, and personalized recommendations in many platforms.
2.	Idea / Solution description	A modern, user-friendly flight booking platform built using React (with Bootstrap), Express.js, and MongoDB. It enables users to search, filter, and book flights efficiently, with features like booking history, real-time updates, authentication, and flight tracking.
3.	Novelty / Uniqueness	Unlike generic travel sites, this app focuses on simplicity, speed, and user-centric features such as minimal-step booking, personalized suggestions based on travel history, and live tracking of bookings.
4.	Social Impact / Customer Satisfaction	Enhances travel planning by providing transparent, affordable, and fast booking options, improving convenience for students, frequent travelers, and underserved regions with limited travel agents.
5.	Business Model (Revenue Model)	Revenue can be generated through affiliate flight partnerships, booking service fees, ad placements, and premium services (early check-ins, travel insurance, or seat preferences).
6.	Scalability of the Solution	Built on scalable MERN stack technologies (React, Express, MongoDB Atlas), the app can handle increasing user loads, expand to international flight APIs, and support mobile-first experiences in future updates.