

Date: 27 June 2025

Team ID: LTVIP2025TMID 49881

Project Name: FlightFinder: Navigating Your Air Travel Options

Maximum Marks: 2 Marks

Problem Statement

In today's fast-paced world, air travel is an essential mode of transportation for both business and leisure. However, travelers often struggle with identifying the best flight options due to the overwhelming number of airline websites, third-party booking platforms, and inconsistent information.

For example:

- A traveler searching for a flight from Delhi to London might find different fares and timings on three separate platforms-one shows Rs. 40,000 with one stop, another Rs. 38,500 with two stops, and yet another shows Rs. 42,000 but includes free meals and extra baggage.
- Similarly, someone planning a last-minute trip from Mumbai to Chennai may not be able to easily view all available low-cost options or filter for early morning flights across multiple airlines in one place.

These fragmented systems lead to confusion, missed opportunities, and time-consuming research.

FlightFinder addresses this problem by developing a unified platform that allows users to:

- Search and compare flights from multiple airlines in real time
- Apply filters based on price, number of stops, timing, airline, and baggage

- View personalized suggestions based on travel history or preferences

This solution will empower users to make quick, informed, and cost-effective decisions when booking air travel.