**Project Design Phase**

**Proposed Solution**

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| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID59691 |
| Project Name | Flightfinder |
| Maximum Marks | 2 Marks |

**Proposed Solution for Flightfinder App**

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| **S. No.** | **Parameter** | **Description** |
| **1** | **Problem Statement** (Problem to be solved) | Travelers often face confusing flight search platforms, hidden charges, lack of transparency, and difficulty comparing options based on stops, timing, or airline trustworthiness. There is also no unified solution that combines real-time data, verified operators, and price alert tools. |
| **2** | **Idea / Solution Description** | Flight Finder is a full-stack flight booking platform that allows users to search, compare, and book flights with ease. It includes smart filters, real-time price tracking, verified airline badges, booking history, and secure payment integration. Admin tools help manage flights, operators, and user feedback. |
| **3** | **Novelty / Uniqueness** | - Real-time flight availability and pricing  - Verified operator/airline badges  - Price alert and tracking system  - Role-based access for users/admins  - Secure, transparent booking with refund and cancellation clarity |
| **4** | **Social Impact / Customer Satisfaction** | - Saves user time with quick, accurate search results  - Increases trust through verified listings  - Reduces booking mistakes and hidden costs  - Improves travel planning, especially for last-minute or frequent flyers |
| **5** | **Business Model (Revenue Model)** | - Commission on successful bookings  - Premium features (price history, early alerts, priority support)  - White-label solutions for travel agents/agencies  - Ad-free subscription tier for frequent travelers |
| **6** | **Scalability of the Solution** | - Designed for individual travelers, agencies, and airline partners  - Scalable globally with multi-language, multi-currency, and timezone support  - Mobile-first with plans for native apps  - Modular, API-driven architecture for easy feature expansion |