**Project Design Phase**

**Proposed Solution Template**

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| Date | 23 June 2025 |
| Team ID | LTVIP2025TMID56176 |
| Project Name | FlightFinder: Navigating Your Air Travel |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
| 1. 1 | **Problem Statement (Problem to be solved)** | Travelers often struggle to find, filter, and book suitable flights efficiently due to overwhelming choices, complex interfaces, and lack of personalization in existing booking systems. |
| 1. 2 | **Idea / Solution description** | FlightFinder is a user-friendly web application that helps travelers effortlessly search, filter, and book flights based on real-time availability and personal preferences (e.g., direct flights, seat selection, loyalty programs). It also includes secure payments, admin dashboard, and real-time ticket generation. |
| 1. 3 | **Novelty / Uniqueness** | - Advanced filtering (direct flights, preferred airlines, times)  - Interactive seat map selection during booking- Personalized results based on loyalty and past choices  - Seamless user journey from search to e-ticket without leaving the app |
| 1. 4 | **Social Impact / Customer Satisfaction** | - Reduces stress and decision fatigue for travelers- Makes air travel more accessible to occasional travelers  - Enhances user confidence through transparent details and real-time confirmation  - Increases satisfaction for frequent flyers through personalization |
| 1. 5 | **Business Model (Revenue Model)** | - Service fee/commission per ticket booked- Partnerships and featured placement for airlines- Premium features like seat upgrades, travel insurance, or loyalty perks  - Ads or sponsored deals within search results |
| 1. 6 | **Scalability of the Solution** | - Scalable backend with modular microservices for booking, user management, and admin- Can expand to support hotels, cabs, and complete travel packages  - Cloud deployment ensures it can handle growing traffic and data needs |