**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

| Date | 13 April 2025 |
| --- | --- |
| Team ID | SWTID1743512004 |
| Project Name | FlightFinder |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| --- | --- | --- |
| FR-1 | User Registration | Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Login | Login with Email and Password |
| FR-4 | Flight Search | Search Flights by Date, City, etc. |
| FR-5 | Booking Management | Create Booking, View Booking, Cancel Booking |
| FR-6 | Payment Processing | Process Payment |
| FR-7 | User Dashboard | View Upcoming Trips, View Booking History |
| FR-8 | Admin Flight Management | Add Flights, Update Flights, Remove Flights |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| NFR-1 | **Usability** | The system should be user-friendly and easy to navigate. |
| NFR-2 | **Security** | The system should protect user data and prevent unauthorized access |
| NFR-3 | **Reliability** | The system should be reliable and function without errors. |
| NFR-4 | **Performance** | The system should respond quickly to user requests. |
| NFR-5 | **Availability** | The system should be available to users when needed. |
| NFR-6 | **Scalability** | The system should be able to handle a growing number of users and bookings. |