**Project Design Phase-II**

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

| Date | 31 January 2025 |
| --- | --- |
| Team ID | **LTVIP2025TMID52738** |
| Project Name | **Flight Finder: Navigating Your Air Travel Options** |
| 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 Form  Registration through Gmail  Registration through Linked IN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 |  |  |
| FR-4 |  |  |
|  |  |  |
|  |  |  |

**Non-functional Requirements:**

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

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| NFR-1 | **Usability** | 1.User-friendly and intuitive interface  2.Minimal learning curve for first-time  3.users Responsive design (works on mobile, tablet, desktop) |
| NFR-2 | **Security** |  Data encryption (SSL/TLS) for all user data   Secure authentication (OAuth, two-factor)   Protection from attacks (SQL injection, XSS, CSRF) |
| NFR-3 | **Reliability** |  stem uptime of 99.9% or higher   Stable API and backend infrastructure   Automatic error detection and alerts |
| NFR-4 | **Performance** |  Fast response time (<2 seconds for 90% of requests)   Efficient load handling during high traffic |
| NFR-5 | **Availability** |  System should be available 24/7   Support for maintenance windows with prior notice |
| NFR-6 | **Scalability** |  Able to handle growing number of users and data   Modular architecture to add new services easily |