Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 24 June 2025 |
| Team ID | LTVIP2025TMID59024 |
| Project Name | Flight finder-navigating your air travel optins |
| Maximum Marks | 4 Marks |

# Functional Requirements:

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Login | Login with email & password  Password recovery via email |
| FR-4 | Dashboard & Flight Search | View flight listings  filter/search by source & destination View flight details |
| FR-5 | Booking & Payment | Select flight and confirm booking Proceed to payment  Generate ticket and email confirmation |

# Non-functional Requirements:

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | User-friendly interface for all users (mobile/web) |
| NFR-2 | **Security** | Secure login, encrypted data storage, OTP/email  verification |
| NFR-3 | **Reliability** | System should handle failures gracefully and ensure  no booking loss |
| NFR-4 | **Performance** | Fast response for search and booking even under  high load |
| NFR-5 | **Availability** | System available 24/7 with minimal downtime |
| NFR-6 | **Scalability** | Able to handle increased users, flights, and bookings  as the system grows |