Requiremental Analysis

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

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| --- | --- |
| Date | 27-08-2025 |
| Team ID | LTVIP2025TMID61026 |
| Project Name | Flight finder: navigating your air travel  options |
| Maximum Marks | 4 Marks |

# Functional Requirements (FR)

These are the essential actions or operations the system must perform:

|  |  |  |
| --- | --- | --- |
| **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 | *(To be defined based on project specifics, e.g., dashboard viewing, report generation)* | * An Index of Economic Freedom Analysis dashboards * Navigate between multiple dashboard pages |
| FR-4 | *(To be defined, e.g., download visualizations, filter data, etc.)* | -Download visualizations as images   * Export summary reports * Share dashboard link via social media or email |

# Non-Functional Requirements (NFR)

These define the **quality attributes** of the system:

|  |  |  |
| --- | --- | --- |
| **NFR No.** | **Requirement** | **Description** |
| NFR-1 | **Usability** | The system must offer an intuitive interface, easy navigation, and accessibility. |
| NFR-2 | **Security** | Must ensure secure login, data encryption, and protection against breaches. |
| NFR-3 | **Reliability** | System should consistently perform without failure. |
| NFR-4 | **Performance** | The system should handle data loads and render dashboards quickly. |
| NFR-5 | **Availability** | The platform must be accessible 24/7 with minimal downtime. |
| NFR-6 | **Scalability** | The system should support more users and data as the project grows. |