**Requirement Gathering and Analysis Phase**

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

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| Date | 2nd July 2024 |
| Team ID | SWTID1720194751 |
| Project Name | Flight Booking App(Fly High) |
| Maximum Marks | 3 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 site  Registration through email |
| FR-2 | User Confirmation | Confirmation via Email |
| FR-3 | Flight Search | Search by Destination  Search by time convenience |
| FR-4 | Customer Support | Email Support |
| FR-5 | Bookings | Book a selected seat  View current bookings  View Booking History  Cancel Bookings |
| FR-6 | User Profile Management | View Profile  Edit Profile |

**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** | The system should have an intuitive and user-friendly interface, ensuring ease of use. |
| NFR-2 | **Security** | Implement security measures such as password protection with various conditions (password must contain a capital letter, password must contain a number etc.) |
| NFR-3 | **Reliability** | The system should function correctly and consistently, with minimal downtime or errors. |
| NFR-4 | **Performance** | The system should respond quickly to user inputs and process data efficiently. |
| NFR-5 | **Availability** | The system should be available at all times necessary with minimal maintenance interruptions. |
| NFR-6 | **Scalability** | The system should be able to handle increasing numbers of users and transactions smoothly. |