**Project Design Phase-II**

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

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| --- | --- |
| Date | 31 January 2025 |
| Team ID |  |
| Project Name |  |
| 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 | Book Management | Add Book Edit Book Details Delete Book View Book Info |
| FR-4 | Cart and Purchase | Add to Cart Checkout Process Generate Purchase ID |

**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 interface should be user-friendly, intuitive, and easy to navigate. |
| NFR-2 | **Security** | User data and credentials should be securely stored and encrypted. |
| NFR-3 | **Reliability** | The system should function correctly with minimal downtime or errors. |
| NFR-4 | **Performance** | The application should load within 3 seconds and handle multiple requests. |
| NFR-5 | **Availability** | The platform should maintain 99.9% uptime for users to access anytime. |
| NFR-6 | **Scalability** | The system should support more users and books as the user base grows. |