**Project Design Phase-II**

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

| Date | 31 January 2025 |
| --- | --- |
| Team ID |  |
| Project Name |  |
| 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)** |
| --- | --- | --- |
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| FR-1 | Data Import | Import from CSV / API / External Source |
| FR-2 | Data Validation | Apply Transform Maps and Validation Scripts |
| FR-3 | Access Control | Restrict imported data using ACLs |
| FR-4 | Audit Logging | Track import history and user actions |

**Non-functional Requirements:**

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

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| NFR-1 | Usability | The import interface should be easy to use and require minimal training. |
| NFR-2 | Security | Ensure secure data transfer via HTTPS or MID Server and restrict access via ACLs. |
| NFR-3 | Reliability | The system should handle large and repeat data imports without failure. |
| NFR-4 | Performance | Imports should complete within defined time thresholds. |
| NFR-5 | Availability | Import features should be available 24/7 with minimal downtime. |
| NFR-6 | Scalability | The import framework should support scaling as data volume increases. |