**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 10 May 2025 |
| Team ID | LTVIP2025TMID28616 |
| Project Name | Importing & Securing Data In ServiceNow |
| 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)** |
| 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 |  |  |
| FR-4 |  |  |
|  |  |  |
|  |  |  |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The system shall have an intuitive and user-friendly interface, allowing users to interact with the dashboard/model results without technical expertise. |
| NFR-2 | **Security** | Access to the system shall be role-based with user authentication and authorization. Sensitive data shall be encrypted both in transit and at rest. |
| NFR-3 | **Reliability** | The system shall maintain consistent performance and accuracy under standard operating conditions with error-handling mechanisms for fault tolerance. |
| NFR-4 | **Performance** | The system shall generate model predictions and render dashboards within 2 seconds for average workloads. DAX queries and visuals should load efficiently. |
| NFR-5 | **Availability** | The system shall be accessible at least 99.5% of the time during working hours (9 AM–6 PM), with minimal downtime for updates or maintenance. |
| NFR-6 | **Scalability** | The solution shall be capable of handling increased data volume and user load without major changes to architecture or significant degradation in performance. |