Date	31 January 2025
Team ID	LTVIP2026TMIDS78244
Project Name	Educational organsiation using servicenow
Maximum Marks	4 Marks

Functional Requirements

Functional requirements define the specific operations that the Educational Organisation Management System must perform. These requirements were identified based on institutional administrative needs and user expectations.

The system must allow administrators to create, modify, and manage student records within a centralized database. Student registration functionality should capture essential details such as personal information, academic data, and contact details. The system must automatically generate unique student identification numbers to avoid duplication.

Admission management functionality must support application submission, automated approval workflows, and status tracking. Administrators should be able to approve or reject applications through workflow-driven processes. Admission status updates must be reflected instantly within the system.

Teacher management functionality must enable storage and maintenance of faculty information including subject specialization and experience details. Teachers should have controlled access to relevant student records for performance monitoring.

Performance tracking functionality must allow teachers to record student academic progress and evaluation details. The system should maintain historical performance data for future reference.

The system must include validation mechanisms using client scripts to prevent incorrect data entry. Automated workflows must reduce manual intervention and ensure consistent process execution.

Reporting capabilities should allow administrators to view institutional data through dashboards and structured forms. Overall, the functional requirements ensure smooth automation of educational administrative activities.

Non-Functional Requirements

Non-functional requirements describe system quality attributes necessary for reliable performance and user satisfaction. The Educational Organisation Management System must ensure high usability through intuitive form layouts and structured user interfaces provided by the ServiceNow platform.

The system must provide secure access control mechanisms to protect sensitive institutional data. Only authorized users should be able to access or modify records based on assigned roles and permissions.

Performance efficiency is another critical requirement. The system should process admission requests and database operations without noticeable delays. Cloud-based deployment through ServiceNow ensures scalability, allowing the system to handle increasing numbers of users and records.

Reliability is maintained through centralized data storage and automated workflows that minimize human errors. Data consistency must be preserved across all modules of the system.

The system should also maintain availability, allowing users to access institutional services at any time through web-based interfaces. Maintainability is supported through ServiceNow update sets, enabling tracking and management of system changes.

These non-functional requirements ensure that the system operates efficiently while providing secure, scalable, and dependable educational management services.