

## **Project Design Phase-II**

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

Date	Team ID	Project Name	Maximum Marks
01 NOV 2025	NM2025TMID00669	<b>EDUCATIONAL ORGANISATION USING SERVICE NOW</b>	<b>4 Marks</b>

#### **Functional Requirements:**

Following are the functional requirements of the proposed solution for the educational organization using ServiceNow.

- FR-1 Course Creation-Admin can create a new course through a form. <br> Course details can be added manually or imported from academic systems.
- FR-2 Course Enrollment -Students and trainers can be enrolled in the course. <br> Enrollment confirmation via system notification or email.
- FR-3 Course Deletion-Admin can request to delete a course.
- FR-4 Assignment Check -The system checks if the course is assigned to any active student or trainer before deletion.
- FR-5 Deletion Block-If the course is assigned, the system blocks deletion and shows a warning message.
- FR-6 Safe Deletion-If no active assignments exist, the system allows the course to be safely deleted.

## Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date Team ID	27 JUNE 2025 LTVIP2025TMID31059	Maximu Marks
Project Name	Prevent User Deletion if Assigned to an Incident	4 Marks

Functional Requirements		Non-Functional Requirements	
<b>1. FR-1 Course Creation:</b>	 Admin can create a new course. Details can be added manually or imported.	<b>1. NR-1 Usability</b>	 Simple & intuitive interface for efficient course management
<b>2. FR-2 Course Enrollment</b>	 Students and trainers can be enrolled. Confirmation via system notification/email.	<b>2. NR-2 Security</b>	 Only authorized admin users can delete management
<b>3. FR-4 Assignment Check</b>	 Delete a to a course   System checks if course is assigned to active student/trainer	<b>3. NR-3 Reliability</b>	 Only authorized always verify course assignments
<b>4. FR-5 Deletion Block</b>	 If assigned, system blocks deletion & shows a warning	<b>4. NR-4 Performance</b>	 System must always verify quickly without noticeable delays
<b>5. FR-6 Safe Deletion</b>	 If no active assignments, system allows safe deletion	<b>6. NR-5 Availability</b>	 ServiceNow-based system available at all times
		<b>6. NR-6 Scalability</b>	 Handles increasing number of courses, students, trainers without affecting performance

### Non-Functional Requirements:

Following are the non-functional requirements of the proposed solution to ensure performance, reliability, and scalability in the educational context.

- NFR-1 : Usability -The interface should be simple and intuitive for administrators to manage courses efficiently.
- NFR-2: Security-Only authorized admin users should have permission to delete courses.
- NFR-3: Reliability-The system must always verify course assignments accurately before performing deletion actions.
- NFR-4: Performance-The validation check for assigned students or trainers must execute quickly without noticeable delays.
- NFR-5:Availability-The ServiceNow-based system should be available at all times for admins to manage course records.
- NFR-6:Scalability-The solution should handle an increasing number of courses, students, and trainers without affecting system performance.