Requirement Analysis Phase

Solution Requirements

Date	07 November 2025
Team ID	NM2025TMID09069
Project Name	Educational Organisation Using 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	Student Admission	Create admission record Validate mandatory fields Assign Admin Number
FR-2	Student Master Data	Store student personal details Update student records
FR-3	Student Progress	Add marks Update marks
FR-4	Automated Calculations	Auto-calculate total Auto-calculate percentage Auto-generate result
FR-5	Pincode Autofill	Autofill district Autofill state
FR-6	Search & View Records	Search student details View progress reports

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be easy for admin and teachers to use.
NFR-2	Security	Only authorized users can update or modify student data.
NFR-3	Reliability	System must always calculate marks and results accurately.
NFR-4	Performance	Calculations and data loading must be quick with no delay.
NFR-5	Availability	System should be available whenever student data is accessed
NFR-6	Scalability	System should support more students and data as the institution grows.

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