

## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	2 November 2025
Team ID	NM2025TMID08798
Project Name	Educational Organisation Using ServiceNow
Team Size	4

#### Data Flow Diagram (DFD) - Level 1 Entities:

- Admin – manages setup, data entry, and evaluation
- Student – subject of data entry and academic progress
- System Database – stores and processes all relevant data

#### Processes:

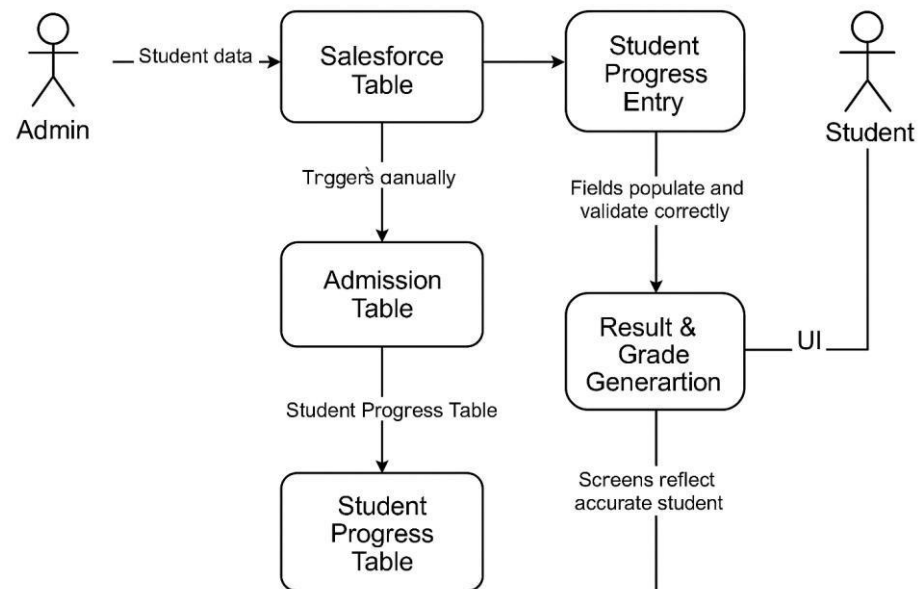
1. Student Admission – capturing student personal and admission data
2. Student Progress Entry – entering marks and academic progress
3. Result & Grade Generation – calculating totals, percentages, and

#### results Data Stores:

- D1: Salesforce Table – student personal information
- D2: Admission Table – admission-related data like status
- D3: Student Progress Table – marks, progress, results

## Data Flow Summary:

- Admin inputs student details → stored in Salesforce Table
- Admission status tracked → in Admission Table
- Marks entered manually → stored in Student Progress Table
- Scripts calculate total, percentage, and result
- Data displayed in the user interface for admin verification



## User Stories

Use the below template to list all the user stories for the product.

S.No	User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
1	Admin	Instance Setup	USN-1	As an admin, I can request and configure a ServiceNow developer instance	Instance is accessible and active	High	Sprint-1
2	Admin	Table Creation	USN-2	As an admin, I can create Salesforce and Admission tables with appropriate fields and choices	Tables are created with correct schema	High	Sprint-1
3	Admin	UI Configuration	USN-3	As an admin, I can design form layouts for student data input	Forms are user-friendly and functional	Medium	Sprint-1
4	Admin	Automation Scripts	USN-4	As an admin, I can configure client scripts to auto-fill and validate fields	Fields populate and validate correctly	High	Sprint-2
5	Admin	Admission Process	USN-5	As an admin, I can define admission status process flow	Admission moves through all status stages	Medium	Sprint-2
6	Admin	Progress Evaluation	USN-6	As a teacher/admin, I can enter marks and calculate result using scripts	Total, percentage, and result auto-generate	High	Sprint-3
7	Admin	Output View	USN-7	As an admin, I can view and verify the student's admission and performance data	Screens reflect accurate student progress	Medium	Sprint-3
8	Admin	Testing	USN-8	As a tester, I can verify all functionalities from input to result generation	All modules pass functional checks	High	Sprint-3