Project Design Phase-II
Data Flow Diagram & User Stories

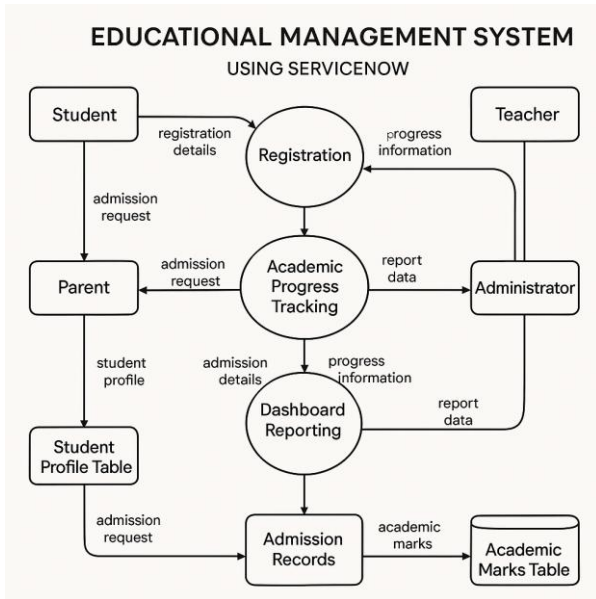| Date	24 June 2025
Team ID	LTVIP2025TMID20393
Project Name	Educational Organisation Using ServiceNow
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) visually represents how data moves through the system. For the project *Educational Organisation Using ServiceNow*, the DFD includes the following components:
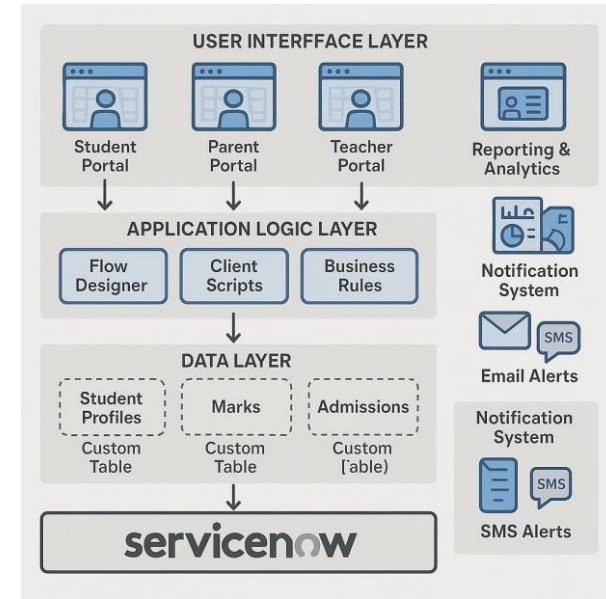
- External Entities: Student, Parent, Teacher, Administrator

- Processes: Registration, Admission Workflow, Academic Progress Tracking, Dashboard Reporting, Notification System

- Data Stores: Student Profile Table, Admission Records, Academic Marks Table

Flow Summary:

1. Student submits registration → Data stored in Student Profile Table

2. Admin processes admission → Status updated → Notification sent

3. Teacher enters marks → Calculations performed → Stored in Marks Table

4. Admin views dashboard → Filters data → Makes decisions

Fig: Data Flow Diagram

Fig: architecture diagram

User Stories:

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Student	Registration	USN-1	As a student, I can register using name, contact, and class selection	I can access my profile and dashboard	High	Sprint-1
Student	Registration	USN-2	As a student, I receive a confirmation email upon registration	I receive confirmation and can proceed	High	Sprint-1
Student	Registration (Gmail)	USN-3	As a student, I can register using Gmail	I can log in and access dashboard	Medium	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin	Admission Workflow	USN-4	As an admin, I can fill and submit admission form with address and status	Admission status is updated and visible	High	Sprint-2
Teacher	Progress Tracking	USN-5	As a teacher, I can enter marks and calculate percentage	Total and percentage are auto-calculated	High	Sprint-2
Admin	Dashboard	USN-6	As an admin, I can view stats and filtered dashboards	I can filter and analyze data	Medium	Sprint-3
Student/Parent	Notifications	USN-7	As a user, I receive notifications for status changes or updates	I receive timely alerts via email/SMS	Medium	Sprint-4