

Project Design Phase

Solution Architecture

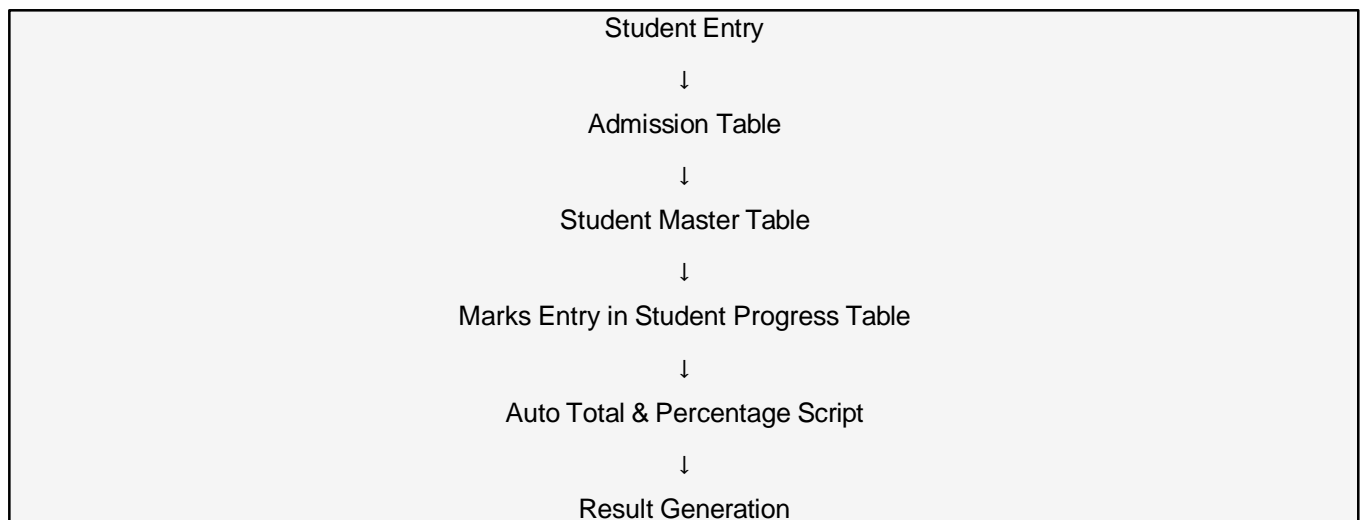
Date:	07 November 2025
Team ID:	NM2025TMID09069
Project Name:	Educational Organisation Using ServiceNow
Maximum Marks:	4 Marks

Solution Architecture Components

- **Student Master Table:** Stores core student details.
- **Admission Table:** Handles admission workflow and student enrollment.
- **Student Progress Table:** Records marks, total, percentage, and result.
- **Number Maintenance Module:** Auto generates Admin Number.
- **Client Scripts:** Automates total, percentage, result and pincode autofill.
- **Process Automation:** Ensures smooth flow from admission to progress tracking.

Data & Process Flow Architecture

The architecture integrates data tables with automated processes. Data moves through the workflow as students are admitted, records are updated, and academic progress is calculated. Client scripts ensure that marks, totals, percentages, and results are computed automatically without manual intervention.



Solution Architecture Description

The proposed solution architecture integrates the three core tables—Admission, Student Master, and Student Progress—in a unified ServiceNow environment. The system ensures seamless data transfer from one stage to another using automated scripts, transform maps, and configurable workflows. The automation of marks calculation significantly improves accuracy and reduces manual workload. This architecture is scalable, maintainable, and aligned with institutional academic processes.