

Project Design Phase Solution Architecture

Date	28 June 2025
Team ID	SBAP0029650
Project Name	Educational Organisation
Maximum Marks	4 Marks

Solution Architecture:

The **Educational Management System** is designed to solve common administrative challenges in schools, such as managing student data, admission processes, and academic tracking.

This system uses the **ServiceNow platform**, which offers a low-code environment to build and deploy enterprise applications quickly and efficiently.

Goals of the Architecture:

- Provide a simple digital platform for school staff to manage student records and track progress
- Use automation (Flow Designer) to reduce manual work and improve accuracy
- Centralize data in one system for better control and quick access
- Ensure scalability for multiple schools or departments

Example - Solution Architecture Diagram:

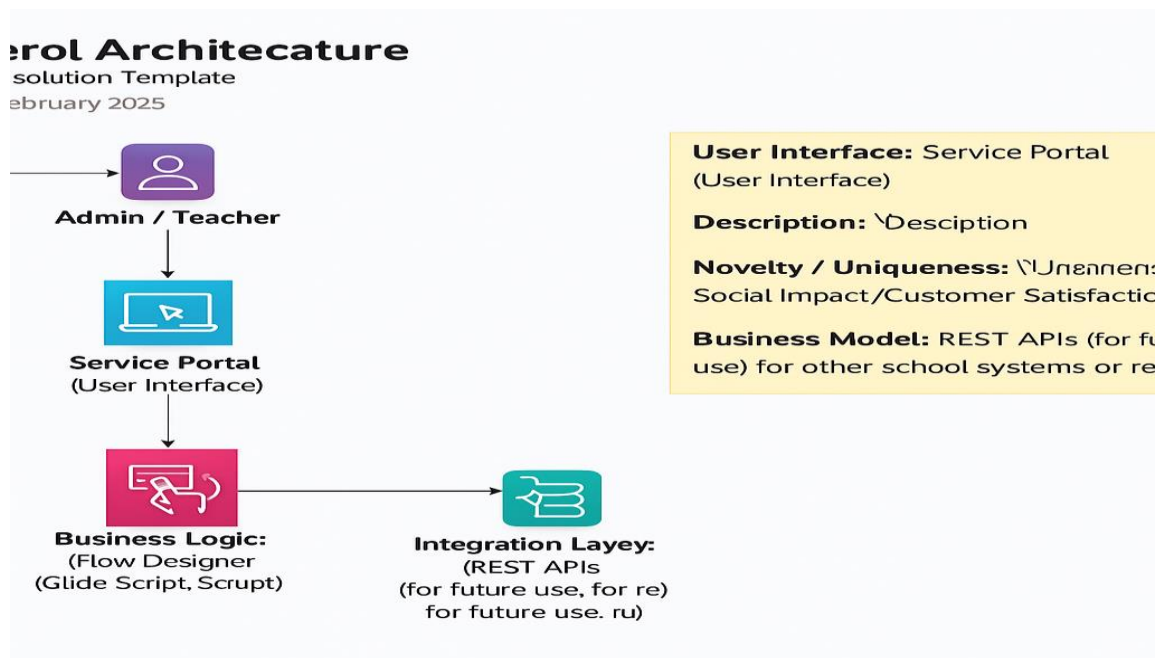


Figure 1: Architecture and data flow of the voice patient diary sample application

Reference: <https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/>