

## **Phase 10: Final Presentation**

### **Overview**

Phase 10 summarizes the Smart Education Portal project and its completed phases. This final presentation captures all the work done so far, including backend development, UI, integration, data management, security, and reporting.

### **Project Summary**

#### Backend Development

- Created Apex classes for managing Applications, Enrollments, and Courses.
- Implemented API integrations with payment gateways and external learning systems.

#### User Interface (UI) Development

- Developed Lightning Web Components for Student, Faculty, and Counseling modules.
- Designed responsive layouts and custom styling for improved user experience.

#### Integration & External Access

- Integrated with payment gateways and Learning Management Systems (LMS).
- Configured Remote Site Settings for secure API access.

#### Data Management & Deployment

- Managed student and enrollment data using Salesforce objects.
- Used Data Loader for bulk data insertion and updates.
- Deployed LWCs, Apex classes, and metadata to production using VS Code.

#### Reports & Dashboards

- Created custom reports and dashboards for Applications, Enrollments, and Faculty Performance.
- Enabled insights into admission funnel, student progress, and faculty activities.

#### Security Review

- Reviewed profiles, permission sets, and field-level security.
- Ensured role-based access for Admissions Officers, Faculty, Students, and Parents.

### **Project Completion**

1. Finalized all components and ensured full functionality.
2. Prepared the portal for stakeholder review and demonstration.
3. Ensured readiness for go-live with all required features.

## **Conclusion**

The Smart Education Portal project is now fully developed and functional. It provides a complete solution for student application and enrollment management, with secure data handling, interactive dashboards, and integrations with external systems. The project is ready for demonstration and further enhancements if needed.