

CAMPUS EVENT MANAGEMENT SYSTEM

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Phase 10: Final Presentation

Overview

Phase 10 summarizes the **Campus Event Management System** project and its completed phases. This final presentation captures all the work done so far, including backend development (Apex), user interface, integration, data management, security, and reporting.

Project Summary

1. Backend Development

- Created **Apex classes** for managing Events, Participants, Feedback, and Sponsors.
- Developed **triggers and batch jobs** to automate notifications, attendance tracking, and participant reminders.
- Implemented **logic to handle bulk data** efficiently and reduce manual effort.

2. User Interface (UI) Development

- Developed **Lightning pages and components** for Event, Participant, Feedback, and Sponsor modules.
- Designed **responsive layouts** and configured navigation for easy access.
- Ensured user-friendly forms and lists for students, organizers, and admins.

3. Integration & External Access

- Configured **external portals and registration forms** for participants.
- Integrated **Google Calendar** for automatic event scheduling.
- Set up **API access** and secure connections for external data sources.

4. Data Management & Deployment

- Managed **event and participant data** using Salesforce objects.
- Performed **bulk data insertion and updates** using Data Loader.
- Deployed **custom objects, Apex classes, Lightning components, and metadata** to production using Salesforce DX.

5. Reports & Dashboards

- Created **custom reports** on event participation, feedback, and organizer performance.
- Built **dashboards** for admins and organizers with charts, KPIs, and trend analysis.
- Enabled **data-driven insights** for decision-making and event improvements.

6. Security Review

- Reviewed **profiles, permission sets, and field-level security**.
- Ensured **role-based access** and privacy for sensitive participant data.
- Verified that **dashboard and report visibility** matched user roles.

7. Project Completion

- Finalized all components and ensured **full functionality**.
- Prepared the system for **stakeholder review and demonstration**.
- Demonstrated key features: event creation, registration, attendance tracking, feedback collection, dashboards, and reporting.

Conclusion

The Campus Event Management System is **fully developed and functional**. It provides a complete solution for managing campus events, automating registrations, tracking attendance, collecting feedback, and providing analytics. The system ensures secure data handling, streamlined workflows for organizers, and interactive dashboards for stakeholders. It is ready for **live demonstration, stakeholder validation, and future enhancements**.