Phase 10: Final Presentation

Overview

Phase 10 summarizes the Smart Healthcare 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

1. **Backend Development**
2. Created Apex classes for managing Patients, Appointments, and Providers.

3. Implemented API callouts to fetch external patient data from FHIR API.

4. **User Interface (UI) Development**

5. Developed Lightning Web Components for Patient, Provider, and Appointment modules.

6. Designed responsive layouts and custom CSS for better user experience.

7. **Integration & External Access**

8. Connected the portal with external APIs for real-time patient data.

9. Configured remote site settings to allow secure API callouts.

10. **Data Management & Deployment**

11. Managed patient and appointment data using Salesforce objects.
12. Used Data Loader for bulk data insertion and updates.

13. Deployed LWCs, Apex classes, and metadata to production using VS Code.

14. **Reports & Dashboards**

15. Created custom reports and dashboards for Patients, Appointments, and Providers.

16. Enabled insights into appointments, provider activities, and patient demographics.

17. **Security Review**

18. Reviewed profiles, permission sets, and field-level security.

19. Ensured role-based access and secure API integration.

20. **Project Completion**

21. Finalized all components and ensured full functionality.
22. Prepared the portal for stakeholder review and demonstration.

Conclusion

The Smart Healthcare Portal project is now fully developed and functional. It provides a complete solution for patient and appointment management, with secure data handling, interactive dashboards, and integration with external healthcare data. The project is ready for demonstration and further enhancements if needed.