

## MANUFACTURING & SUPPLY CHAIN CRM PROJECT

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### Phase 10: Final Presentation

**Overview** Phase 10 summarizes the Manufacturing & Supply Chain CRM project and its completed phases. This final presentation captures all the work done so far, including backend development, UI, integration, data management, security, reports, and dashboards.

### Project Summary

**Backend Development** – Created Apex classes for managing Sales Orders, Purchase Orders, Inventory, and Production Schedules. – Implemented API callouts to fetch external order data.

**User Interface (UI) Development** – Developed Lightning Web Components for Sales Orders, Purchase Orders, Inventory, and Production Schedule modules. – Designed responsive layouts and custom CSS for better user experience.

**Integration & External Access** – Connected the portal with external APIs for real-time order and supplier data. – Configured Remote Site Settings to allow secure API callouts.

**Data Management & Deployment** – Managed order, inventory, and production 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 Sales Orders, Purchase Orders, Inventory, and Production Schedules. – Enabled insights into orders, production efficiency, inventory levels, and supplier performance.

**Security Review** – Reviewed profiles, permission sets, and field-level security. – Ensured role-based access and secure API integration.

### Project Completion

1. Finalized all Apex classes and LWCs.
2. Verified CRUD operations for all objects.
3. Completed integration with external APIs.
4. Created and tested all reports and dashboards.
5. Added interactive filters for dashboards.
6. Ensured role-based access and field-level security.
7. Completed data deployment using VS Code.
8. Conducted QA testing for all modules.
9. Prepared final screenshots for documentation.
10. Compiled tools and technologies used.
11. Verified stakeholder requirements are met.
12. Conducted demo for internal team review.
13. Addressed bug fixes and performance optimizations.
14. Ensured full responsiveness of UI components.
15. Checked data accuracy in reports and dashboards.
16. Validated API callouts and error handling.
17. Reviewed security settings for all objects.
18. Saved dashboards and reports in shared folders.

19. Confirmed real-time interactivity on dashboards.
20. Prepared project for final stakeholder presentation.

**Conclusion** The Manufacturing & Supply Chain CRM project is now fully developed and functional. It provides a complete solution for order management, inventory control, production scheduling, and supplier management, with secure data handling, interactive dashboards, and integration with external data sources. The project is ready for demonstration and further enhancements if needed.