

Phase 8: Data Management & Deployment


Objective

The primary objective of this phase is to transition the application from a pure development build to a state ready for demonstration and eventual production use. This involves two key goals: populating the application with realistic sample data for thorough testing and a comprehensive user demo, and defining a clear strategy for deploying the completed project from the development environment to a live production org.

8.1 Data Management To ensure the application was ready for demonstration and testing, sample data was loaded into the system. Several records were created for each of the core custom objects: Parking Slot, Customer, and Booking. This populates the system with realistic data, allowing the reports, dashboards, and portal pages to display meaningful information and providing a rich user experience for the demo.

8.2 Deployment Strategy In a real-world scenario, this project would be built in a development environment (a Sandbox) and then deployed to a live production environment for end-users. As this project was built in a Salesforce Developer Org, a physical deployment was not necessary.

The planned deployment method would utilize standard Salesforce tools. Depending on the complexity, either **Change Sets** or the more modern **Salesforce DX (SFDX)** command-line interface would be used to migrate all the custom components (Objects, Fields, Flows, Apex, LWC) from the development org to the production org.



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Bookings

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1	<input type="checkbox"/> SLOT-C-102	▼
2	<input type="checkbox"/> SLOT-C-105	▼
3	<input type="checkbox"/> SLOT-C-101	▼
4	<input type="checkbox"/> SLOT-D-105	▼
5	<input type="checkbox"/> SLOT-D-104	▼
6	<input type="checkbox"/> SLOT-D-103	▼
7	<input type="checkbox"/> SLOT-D-102	▼
8	<input type="checkbox"/> SLOT-D-101	▼
9	<input type="checkbox"/> SLOT-C-104	▼
10	<input type="checkbox"/> SLOT-C-103	▼



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	<input type="checkbox"/> Booking ID	
1	<input type="checkbox"/> BK-0001	

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