

Phase 6 — User Interface Development

Project: Revolutionizing Agriculture with AgriEdge Or-Mange Ltd — Salesforce OMS

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Status: Completed

1. Executive summary

This document records everything created in **Phase 6: User Interface Development** for the AgriEdge OMS project. It lists the Lightning App, tabs, record/home pages, utility bar, and Lightning Web Components you implemented, and includes exact locations in Salesforce, how to test each item, evidence to attach for mentor review, known issues and remediation, and recommended next steps.

2. Summary of UI items created

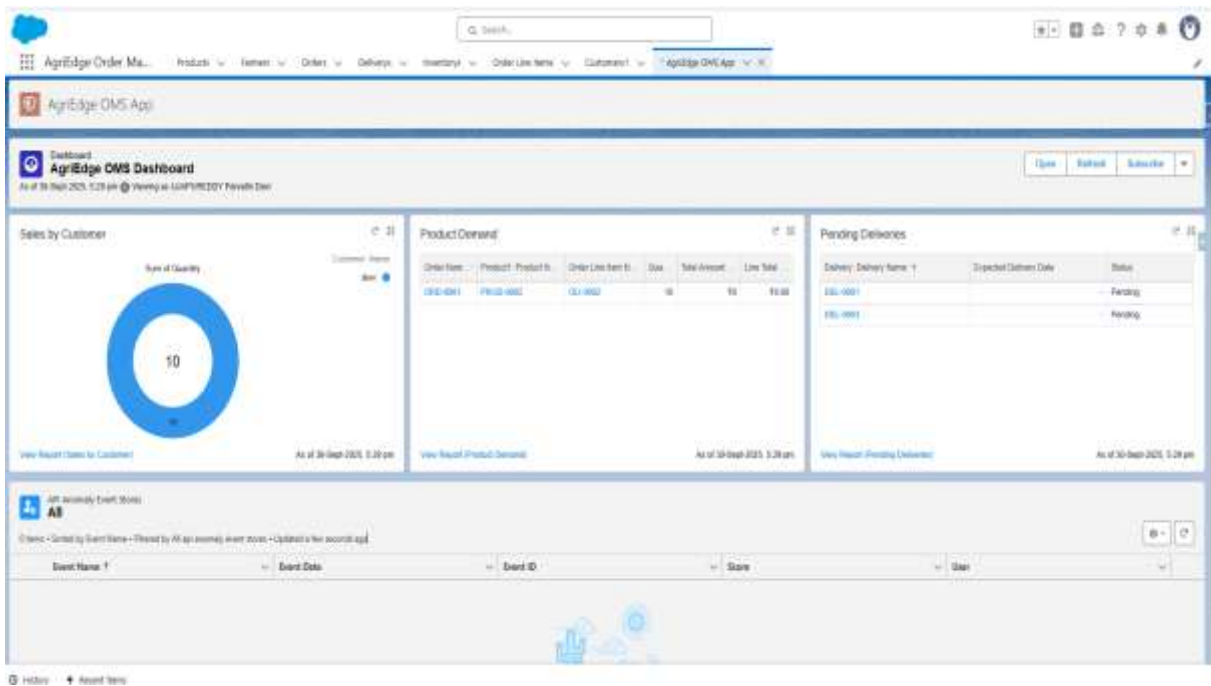
- **Lightning App:** AgriEdge Order Management (Lightning App: app page + navigation)
 - **Custom Tabs:** Orders, Products, Customers (or Farmers), Deliveries — added to the app navigation
 - **Record Page:** Order Record Page (Lightning Record Page with Highlights Panel and related lists: Order Items, Deliveries)
 - **Home Page:** AgriEdge OMS Home (Dashboard snapshot, Recent Items, Tasks)
 - **Utility Bar:** Quick access items (Recent Items, Notes, History / Quick Create)
 - **Lightning Web Components (LWC):**
 - farmerOrderForm — Farmer Self-Service Order Form (LWC for simplified order capture)
 - inventoryDashboard — Inventory Dashboard LWC (shows stock and low-stock indicators)
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3. Details & exact locations (where to find each item)

3.1 Lightning App — *AgriEdge Order Management*

- **What:** Custom Lightning App that groups all relevant tabs and pages for order management.
- **Where to find/edit:** Setup → App Manager → AgriEdge Order Management → Edit
- **Activation:** App available in App Launcher and added to user navigation (ensure assigned to profiles/permission sets).

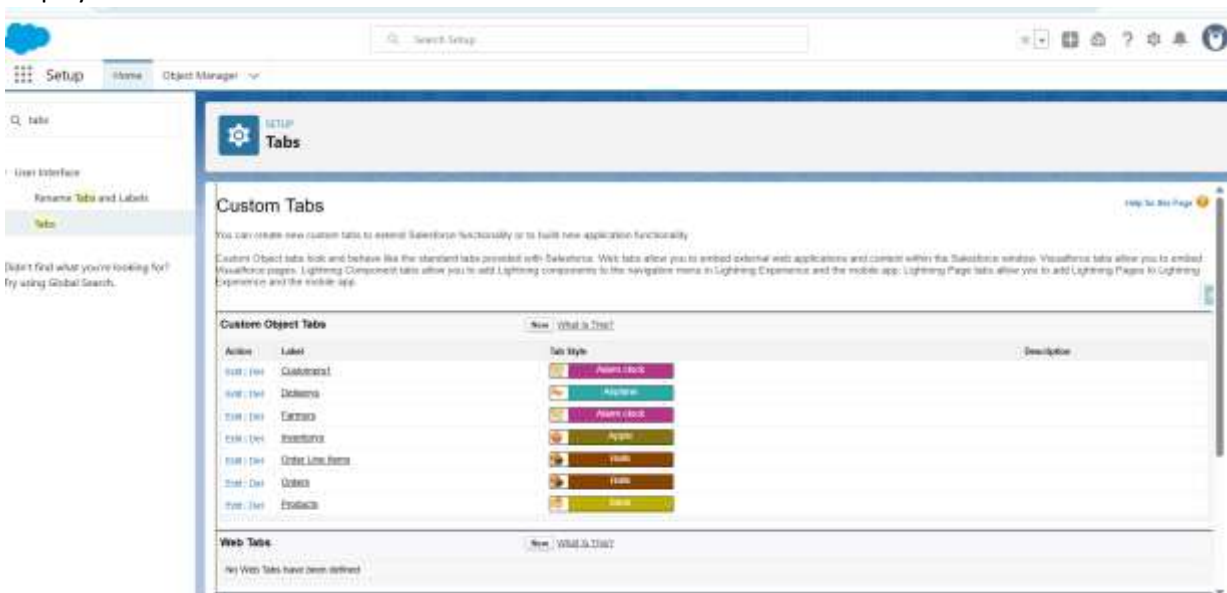
Test: App Launcher → open **AgriEdge Order Management** → confirm navigation bar shows Orders / Products / Customers / Deliveries and app page loads.



3.2 Tabs for Custom Objects

- **What:** Custom Object Tabs created and added to the app navigation:
 - Orders (Order__c)
 - Products (Product__c)
 - Customers / Farmers (Customer__c or Farmer__c)
 - Deliveries (Delivery__c)
- **Where to find/edit:** Setup → Tabs → Custom Object Tabs and App Manager → Edit App → Navigation Items

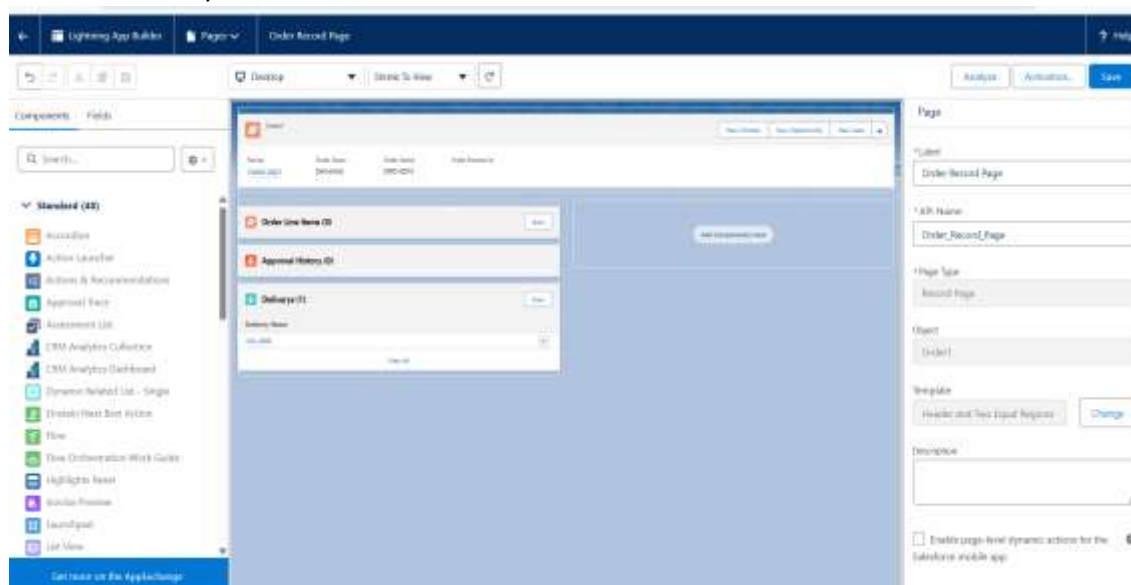
Test: Within the AgriEdge Order Management app click each tab → verify list view and records display.



3.3 Record Page — *Order Record Page*

- **What:** Lightning Record Page with:
 - Highlights panel (Order No, Customer, Status, Payment Mode)
 - Related lists: Order Items (left) and Deliveries (right)
 - Optional LWC regions (placed where inventory widget or farmer form appear)
- **Where to find/edit:** Setup → Lightning App Builder → Record Pages → Order Record Page
- **Activation:** Save → Activate → Assigned as Org Default / App Default.

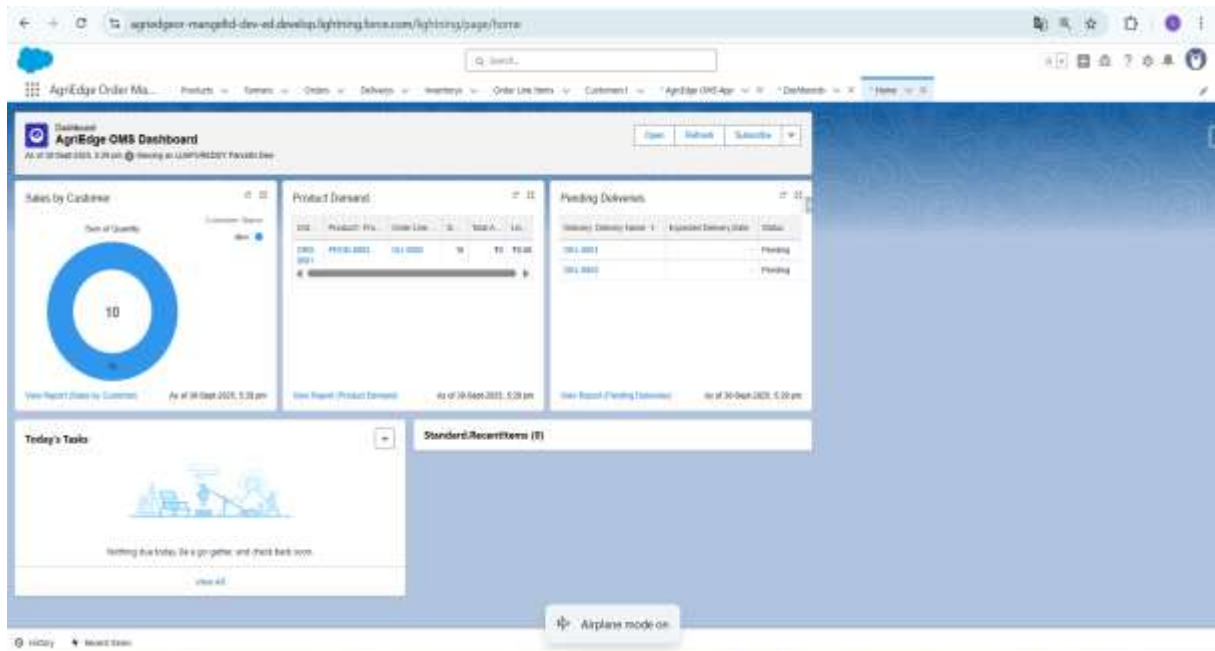
Test: Open any Order record → confirm highlights and related lists are shown and LWC (if added) renders correctly.



3.4 Home Page — *AgriEdge OMS Home*

- **What:** Custom Home page composed of:
 - Dashboard Snapshot (AgriEdge OMS Dashboard)
 - Recent Items (Orders/Customers)
 - Task list (approvals, pending deliveries)
- **Where to find/edit:** Setup → Lightning App Builder → Home Pages → AgriEdge OMS Home
- **Activation:** Save → Activate → Assign to App / Profiles.

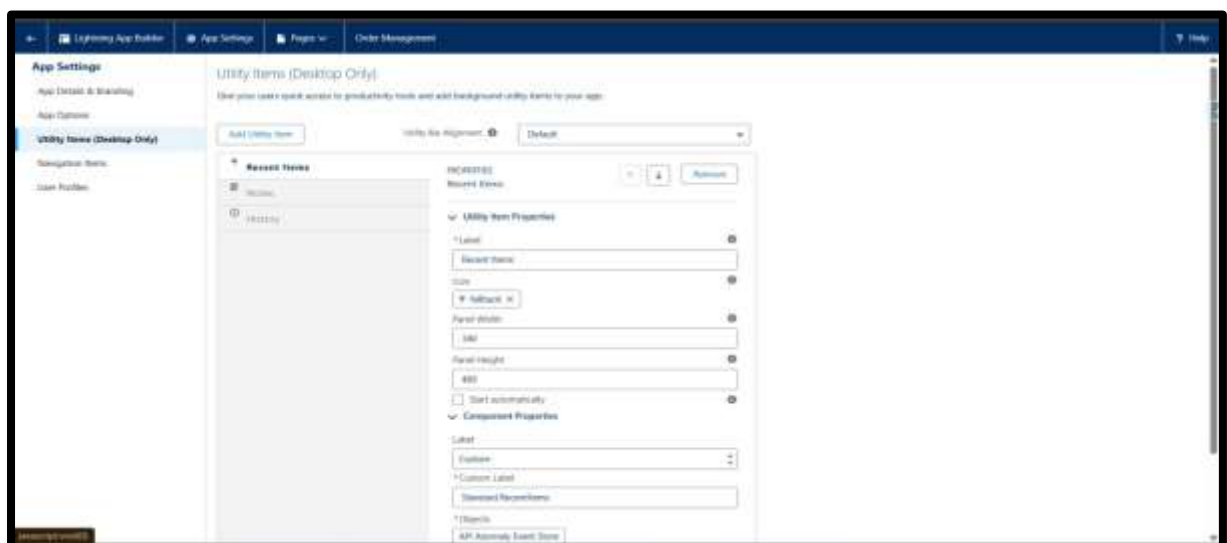
Test: Open AgriEdge Order Management app → go to Home → verify widgets load and refresh to show current data.



3.5 Utility Bar

- **What:** Quick-access utilities configured on the app (examples used):
 - Recent Items
 - Notes
 - History (Quick Create for Orders)
- **Where to find/edit:** Setup → App Manager → AgriEdge Order Management → Edit → Utility Items
- **Save:** Save app changes; refresh UI.

Test: From any app page click utility items at the bottom → utilities open and function (create note, view recent).



3.6 Lightning Web Components (LWC)

Components created & purpose

- **AgriEdge OMS**
 - **Display Text:**
 - Welcome to AgriEdge OMS!



AgriEdge OMS

Welcome to AgriEdge OMS!

LWC deployment notes

- Ensure *.js-meta.xml files have isExposed=true and proper targets (e.g., lightning__RecordPage, lightning__AppPage).
- Deploy via SFDX/VS Code or Developer Console.
- After deploy, refresh Lightning App Builder to see components in the Custom components panel.