

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 describes everything created during **Phase 6: User Interface Development** for the AgriEdge OMS project. It lists the Lightning App Page(s), Tabs, Record Pages, Home Page, Utility Bar items, and the optional Lightning Web Component (LWC) that were developed and activated in the dev org. Each item includes where to find it in Salesforce, what it does, how to test it, and evidence to attach for mentor review.

2. Summary of UI items created

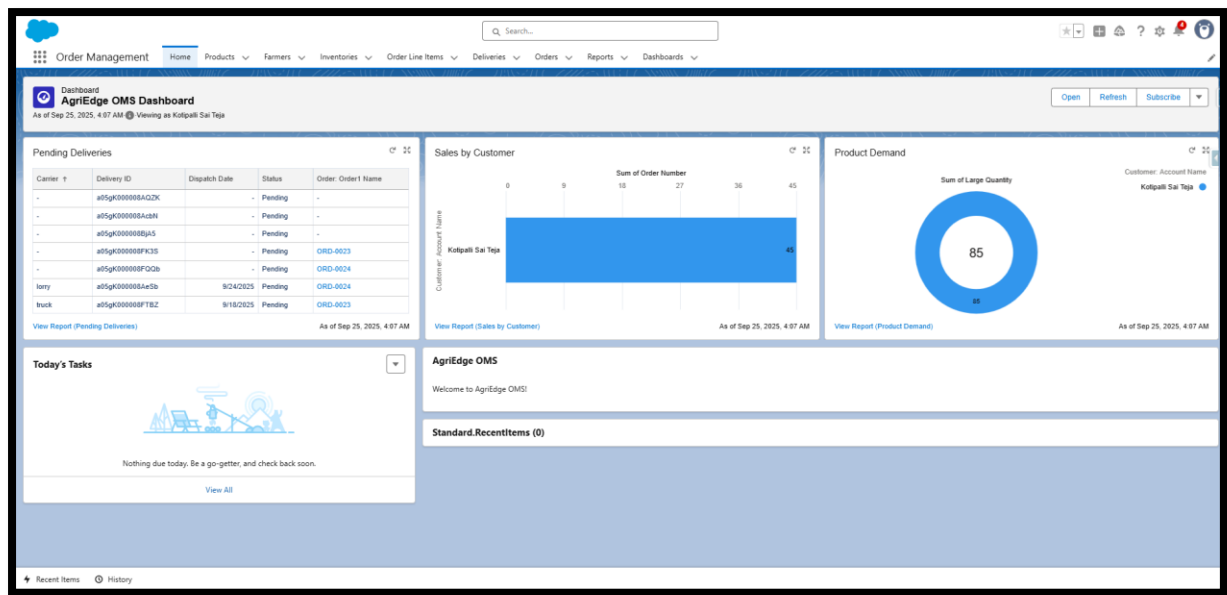
- **Lightning App Page:** AgriEdge OMS App (App Page created in Lightning App Builder)
 - **Custom Tabs:** Orders, Products, Customers, Deliveries (Custom Object Tabs)
 - **Order Record Page:** Order Record Page (Lightning Record Page with highlights panel and related lists)
 - **Home Page:** AgriEdge OMS Home (custom Home page with Dashboard snapshot, Recent Items, Tasks)
 - **Utility Bar:** Configured for AgriEdge OMS App (Recent Items, Notes, History)
 - **Lightning Web Component (Optional Developer Work):** helloOrder (simple LWC card to display welcome message)
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3. Details & exact locations (where to find each item)

3.1 Lightning App Page — AgriEdge OMS App

- **What:** Custom App Page created via Lightning App Builder. Contains Report Chart, Dashboard component, and Orders List View.
- **Setup path:** App Launcher → Lightning App Builder → Open AgriEdge OMS App (App Page)
- **Activation:** Saved and **Activated** (made visible in App Navigation)

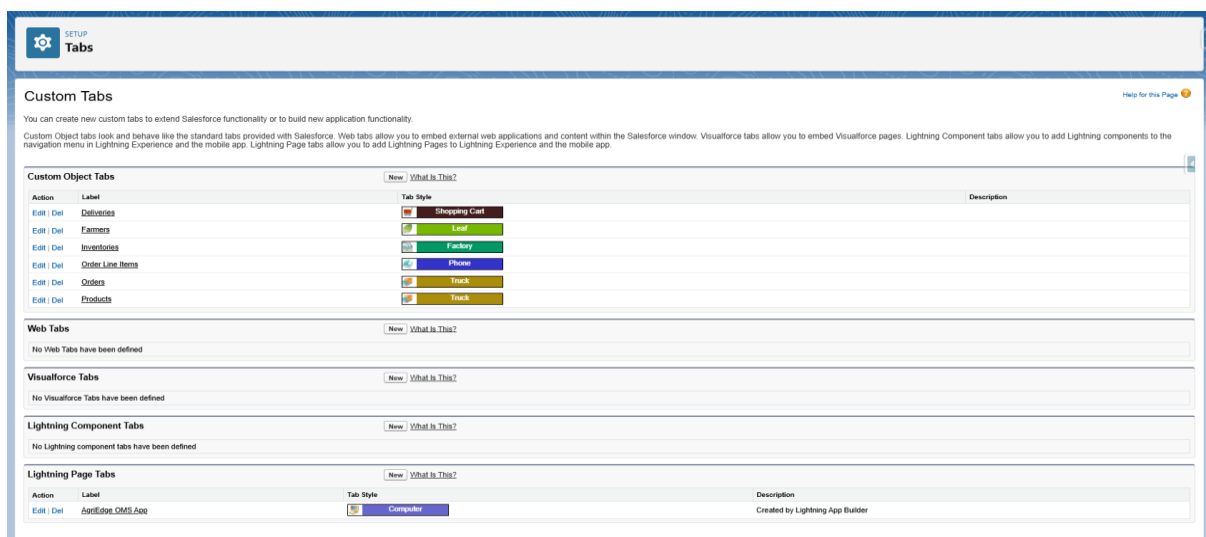
Test: Open App Launcher → open AgriEdge OMS App → confirm the page shows the Sales chart / dashboard component and recent Orders list.



3.2 Tabs for Custom Objects

- **What:** Custom Object Tabs added for navigation:
 - Orders (Order__c)
 - Products (Product__c)
 - Customers (Customer__c / Farmer__c)
 - Deliveries (Delivery__c)
- **Setup path:** Setup → Tabs → Custom Object Tabs → verify created tabs
- **Assigned to app:** App Manager → Edit AgriEdge OMS (Navigation Items) → includes the above tabs

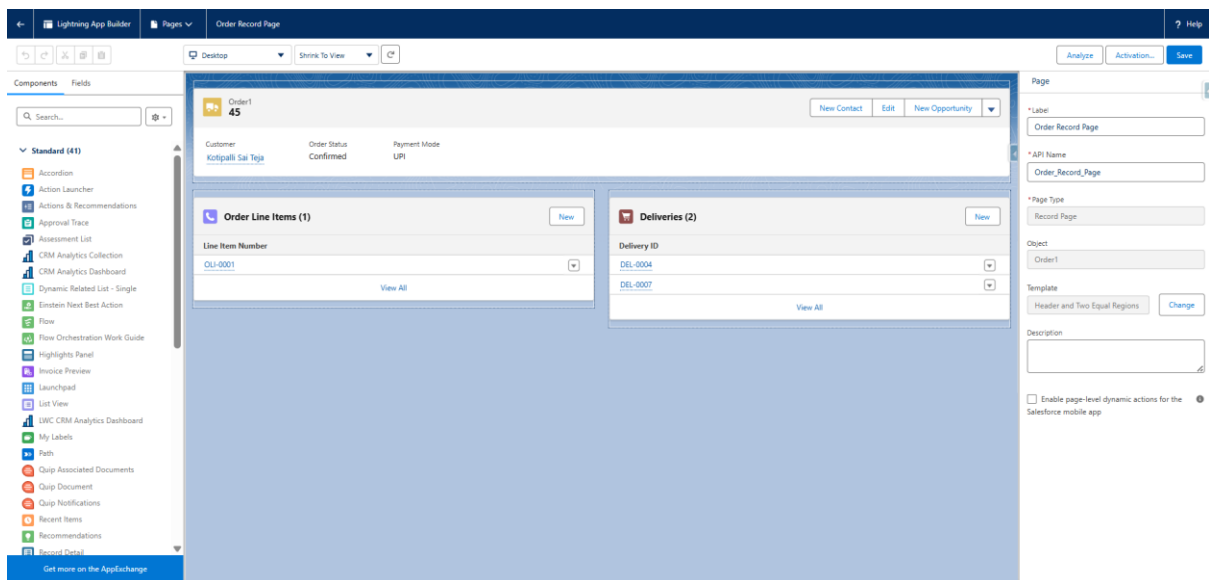
Test: Open AgriEdge OMS app → verify each tab appears in nav bar and opens the correct object list view.



3.3 Record Page — Order Record Page

- **What:** Lightning Record Page for Order with:
 - Highlights Panel (Order No, Customer, Status, Payment Mode)
 - Left region: Related List — Order Items
 - Right region: Related List — Deliveries
- **Setup path:** Setup → Lightning App Builder → Record Pages → Order Record Page
- **Activation:** Save → Activate → Assigned as **Org Default** (or for app/profile as configured)

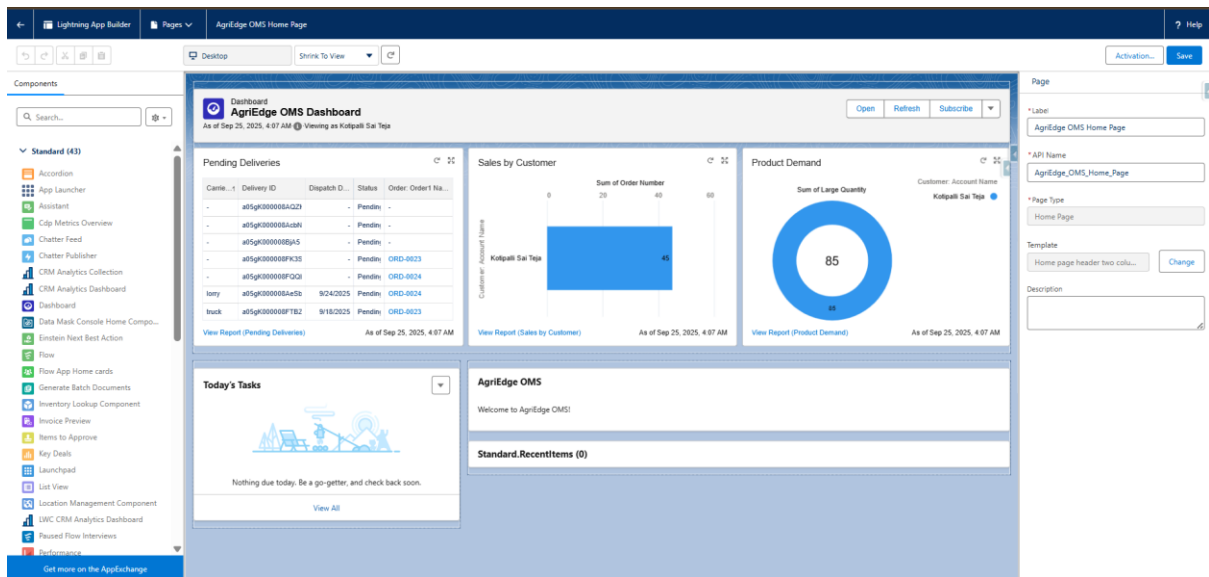
Test: Open any Order record → confirm layout shows highlights and related lists in the configured arrangement.



3.4 Home Page — AgriEdge OMS Home

- **What:** Custom Home Page for the app including:
 - Dashboard Snapshot (AgriEdge OMS Dashboard)
 - Recent Items (Orders, Customers)
 - Tasks (shows approvals/pending tasks)
- **Setup path:** Setup → Lightning App Builder → Home Pages → AgriEdge OMS Home
- **Activation:** Save → Activate → Assigned to AgriEdge OMS App

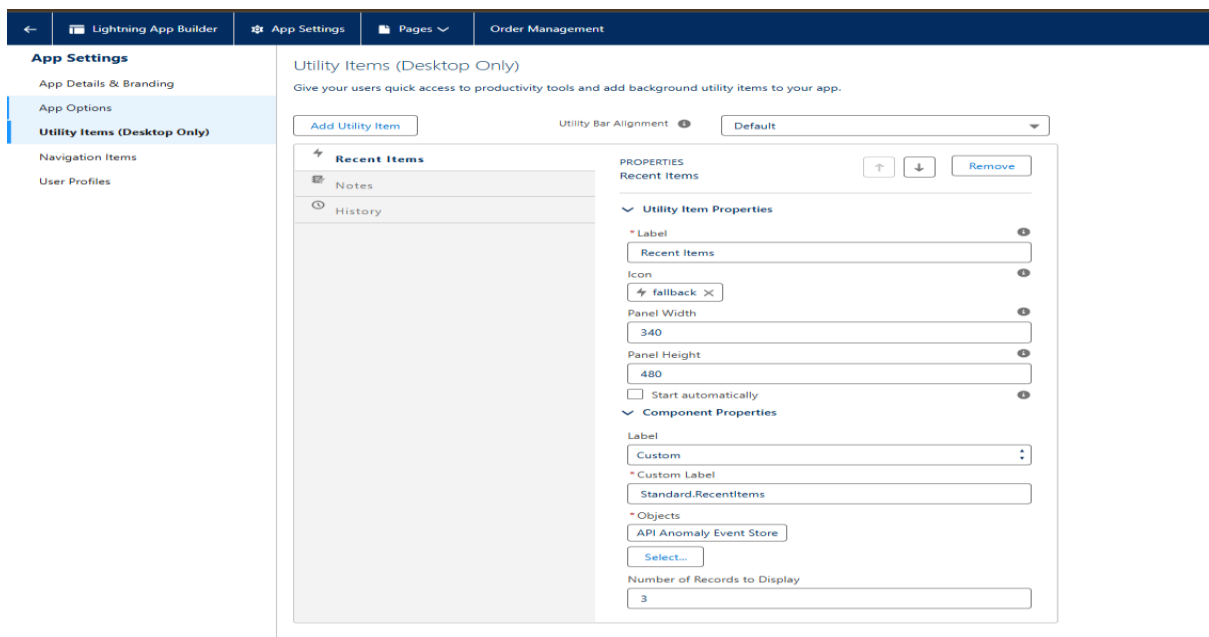
Test: From App Launcher open the AgriEdge OMS app → click Home → verify widgets are present and show current data.



3.5 Utility Bar (App Utilities)

- **What:** Utility Bar items added for quick access:
 - Recent Items
 - Notes
 - History
- **Setup path:** Setup → App Manager → Find AgriEdge OMS app → Edit → Utility Items → see configured utilities
- **Save:** Save app changes in App Manager

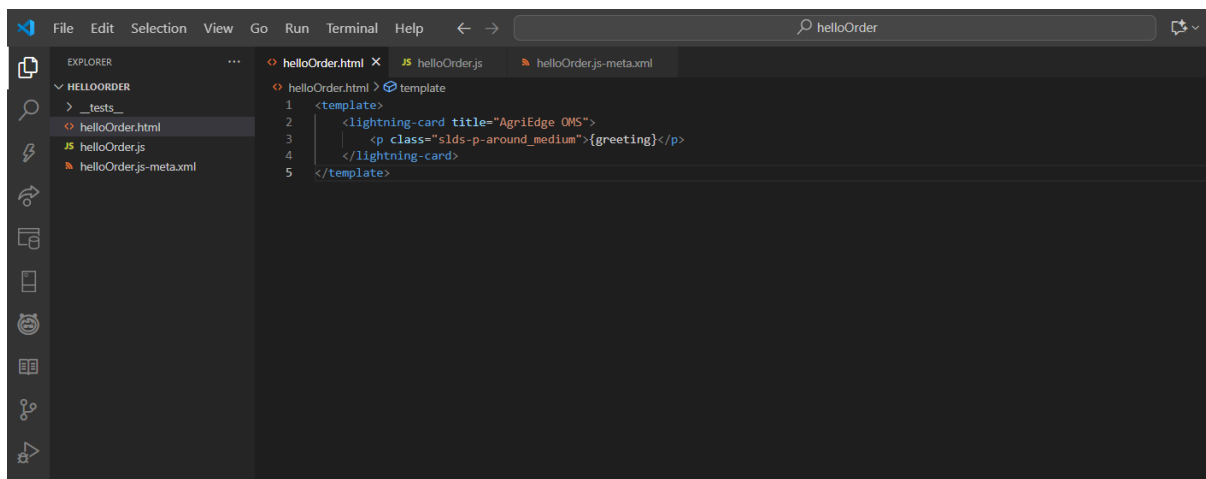
Test: Open AgriEdge OMS app → confirm Utility Bar appears (bottom of the page) and utilities open when clicked.



3.6 Lightning Web Component — helloOrder (optional)

- **What:** Simple LWC to demonstrate developer capability; shows a welcome card message.
- **Files / Code (example):**
 - **helloOrder.js**
 - `import { LightningElement } from 'lwc';`
 - `export default class HelloOrder extends LightningElement {`
 - `greeting = 'Welcome to AgriEdge OMS!';`
 - `}`
 - **helloOrder.html**
 - `<template>`
 - `<lightning-card title="AgriEdge OMS">`
 - `<p class="slds-p-around_medium">{greeting}</p>`
 - `</lightning-card>`
 - `</template>`
- **Deployment path:** Deployed via SFDX / VS Code to the org, then added in Lightning App Builder to a Record Page or App Page.
- **Where to find:** App Builder (the component will appear in the Custom components list)

Test: Open a page where helloOrder is added (e.g., the Order Record Page) → confirm the card and greeting text appear.



Output:

SSS



4. Test cases (how UI was verified)

Test 1 — App Page

1. Go to App Launcher → open AgriEdge OMS App.
2. Confirm Report Chart and Dashboard components load and Orders list shows recent records.

Test 2 — Tabs

1. Click each tab (Orders, Products, Customers, Deliveries).
2. Confirm list views load and records are accessible.

Test 3 — Order Record Page

1. Open an Order record.
2. Verify Highlights Panel shows Order No, Customer, Status, Payment Mode.

3. Verify Related Lists show Order Items and Deliveries and links are clickable.

Test 4 — Home Page

1. Navigate to Home in the AgriEdge OMS app.
2. Confirm Dashboard snapshot and Tasks show expected data (refresh if necessary).

Test 5 — Utility Bar

1. From any page in the app click the Utility Bar item (Notes, Recent Items).
2. Confirm the utility opens and is usable.

Test 6 — LWC

1. Open the page with the helloOrder component.
 2. Confirm the greeting text appears.
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