

Phase 6 – User Interface Development (Ashok Motors Capstone)

Objective:

Build a user-friendly and interactive interface for Ashok Motors using Lightning App Builder and Lightning Web Components (LWC), integrating Apex logic and data for real-time operations.

1. Lightning App Builder

- **Purpose:** Create custom apps and pages for users to access specific functionality.
- **Example:**
 - **Ashok Motors Sales App** – Contains tabs for Vehicles, Test Drives, Invoices, Dashboard
- **Screenshot:**
- **Lightning App Builder (Ashok Motors Sales App)** → Create a centralized app where all tabs and components are accessible in one place.

← Lightning App Builder App Settings Pages Ashok Motors Sales ? Help

App Settings

- App Details & Branding
- App Options
- Utility Items (Desktop Only)
- Navigation Items
- User Profiles

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.


App Details


* App Name Ashok Motors Sales

* Developer Name Ashok_Motors_Sales

Description Ashok Motors Sales

App Branding

Image 


Primary Color Hex Value  #BFC190

Clear

Org Theme Options

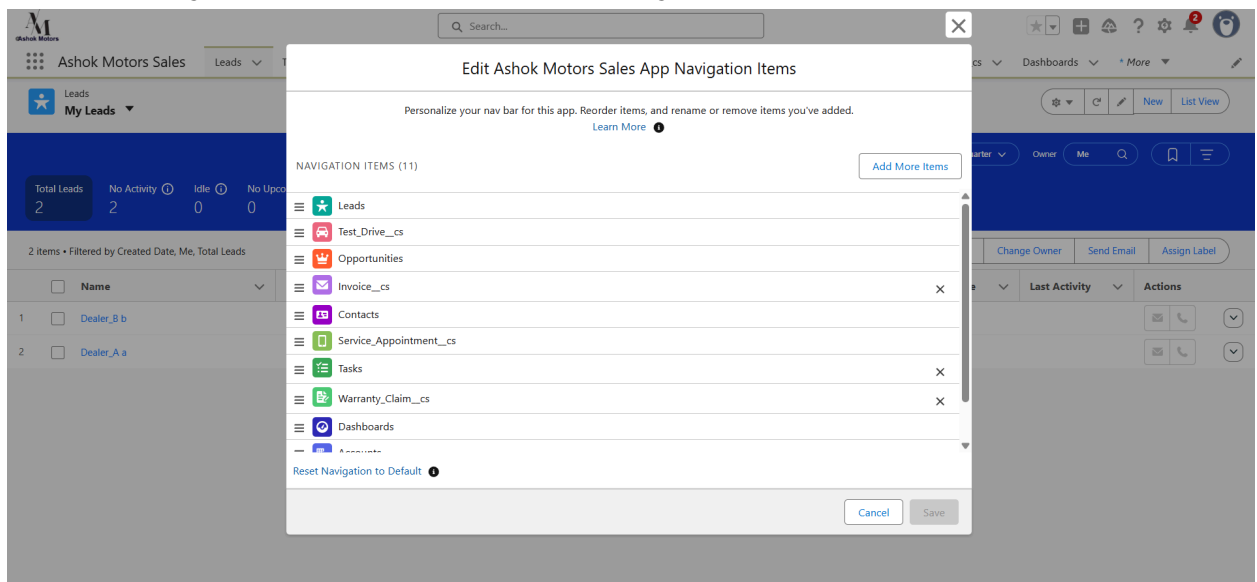
☒ Use the app's image and color instead of the org's custom theme

App Launcher Preview

 Ashok Motors Sales
Ashok Motors Sales

2. Record Pages

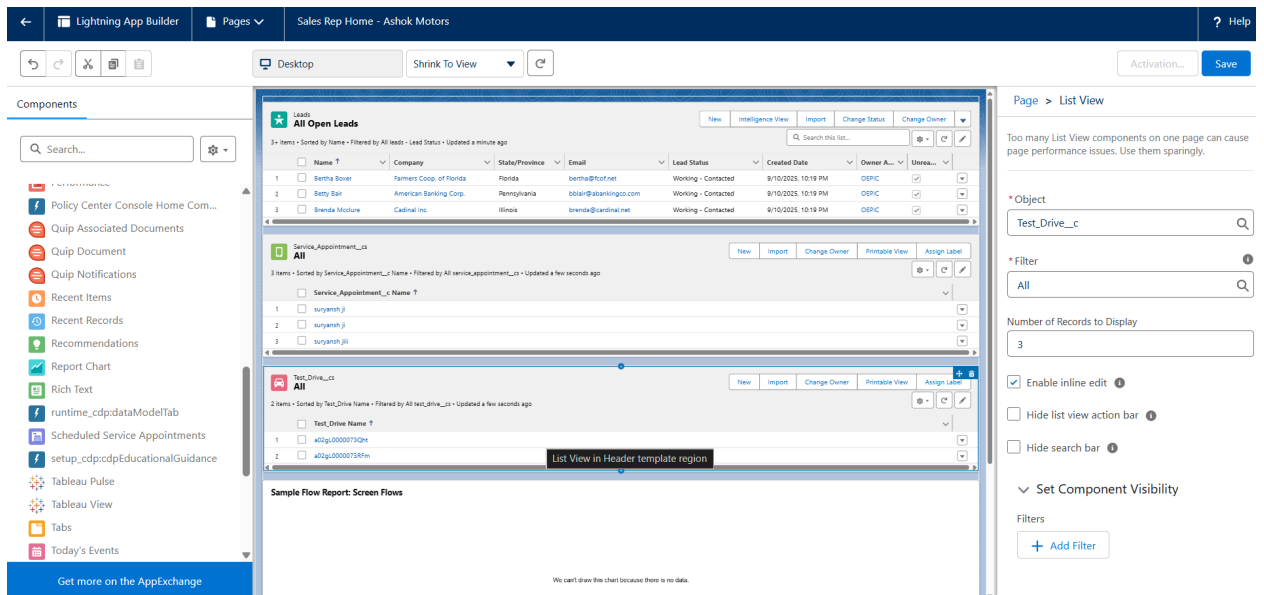
- **Purpose:** Customize record views for different objects and profiles.
- **Example:**
 - Vehicle__c Record Page – Sections for Vehicle Details, Test Drive Requests, and Inventory Status
- **Screenshot:**
- **Show related objects (Test Drive, Service Appointment) and quick actions to speed up daily operations and improve usability.**



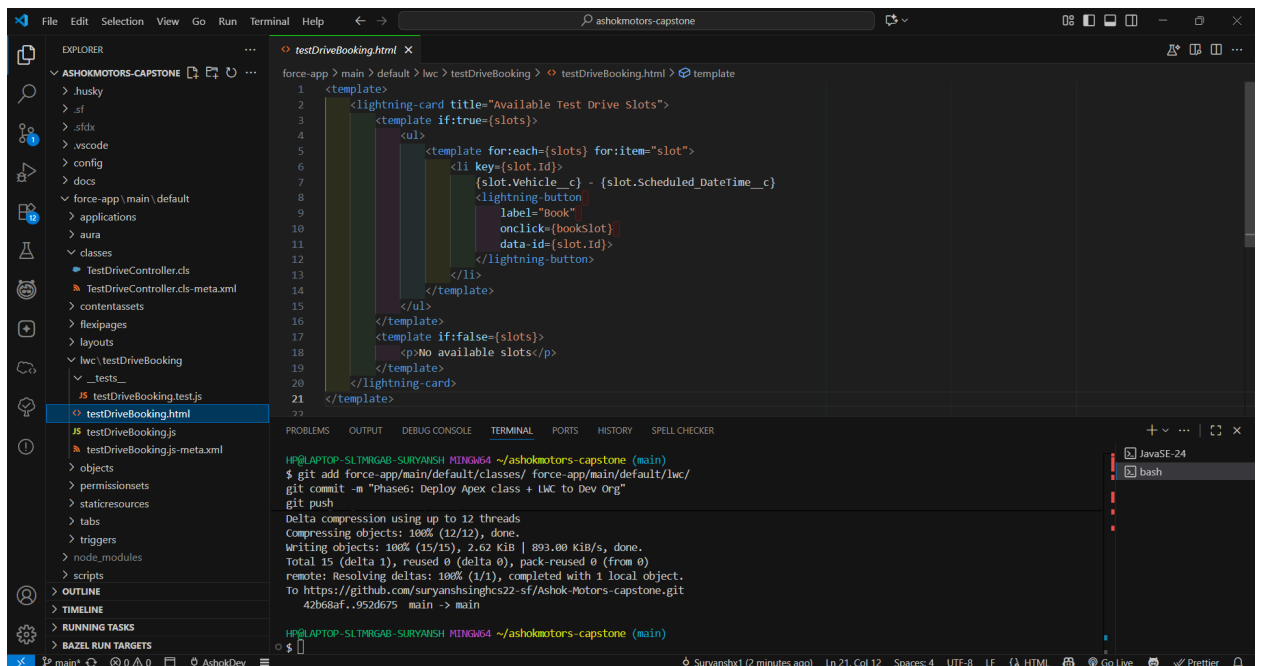
4. Lightning Web Components (LWC)

- **Components Developed:**
 1. **vehicleCard** – Displays vehicle details dynamically
 2. **testDriveForm** – Customer test drive booking form
 3. **invoiceSummary** – Shows invoice details with status

- **Integration:** Apex classes used to fetch and update records via Wire & Imperative methods
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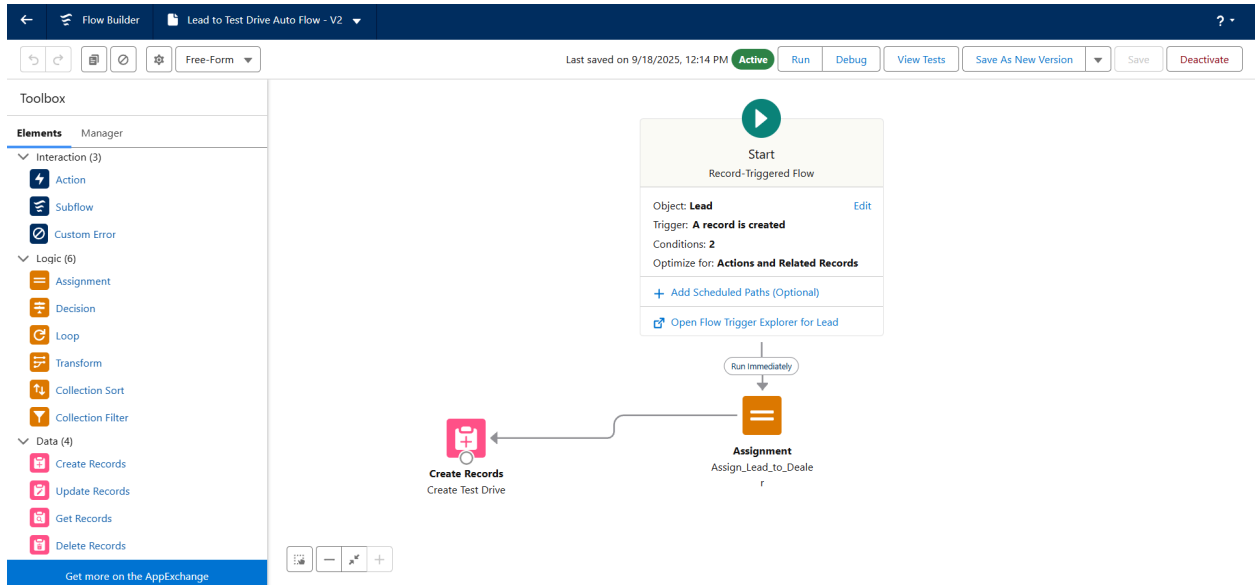


- **Lightning Web Components (LWC) — testDriveBooking** → Interactive UI component allowing users to directly schedule Test Drives and trigger backend automation



7. Navigation Service

- **Purpose:** Navigate between pages programmatically from LWC
- **Example:** After submitting Test Drive form, navigate to Test Drive List page
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- **Screen Flow integration on Record Page** → Enable user-friendly automation through quick action buttons (e.g., Lead → Create Test Drive).



The screenshot shows the Salesforce Lead record page for "Mr. Dealer_A a". The page includes a navigation bar with tabs: Activity, Details, and Chatter. The Details tab is active, displaying a form with the following fields:

Field	Value
Lead Owner	Suryansh Singh
Name	Mr. Dealer_A a
Company	nayara
Title	
Lead Source	
Industry	
Annual Revenue	
Interested in Test Drive	<input checked="" type="checkbox"/>
Dealer	western Dealer
Address	
Product Interest	

The right sidebar shows the "Related" section with the following items:

- We found no potential duplicates of this Lead.
- Campaign History (0)
- Test_Drive_cs (1)
- santosh drive

The bottom of the page shows the "Current Generator(s)" section.



Test_Drive_c
santosh drive

New Contact Edit New Case

Related Details

Test_Drive Name	santosh drive	Owner	Suryansh Singh
Contact			
Vehicle			
Scheduled_DateTime	8/31/2025, 12:00 PM		
Status	Scheduled		
Dealer	western Dealer		
Lead	Dealer A a		
Dealer_User	Sales Rep		
Created By	Suryansh Singh, 9/25/2025, 6:50 AM	Last Modified By	Suryansh Singh, 9/25/2025, 10:59 AM

Activity



Filters: All time • All activities • All types

Refresh Expand All View All

Upcoming & Overdue

No activities to show.
Get started by sending an email, scheduling a task, and more.

No past activity. Past meetings and tasks marked as done show up here.