Phase 6: User Interface Development (Online Laptop Booking)
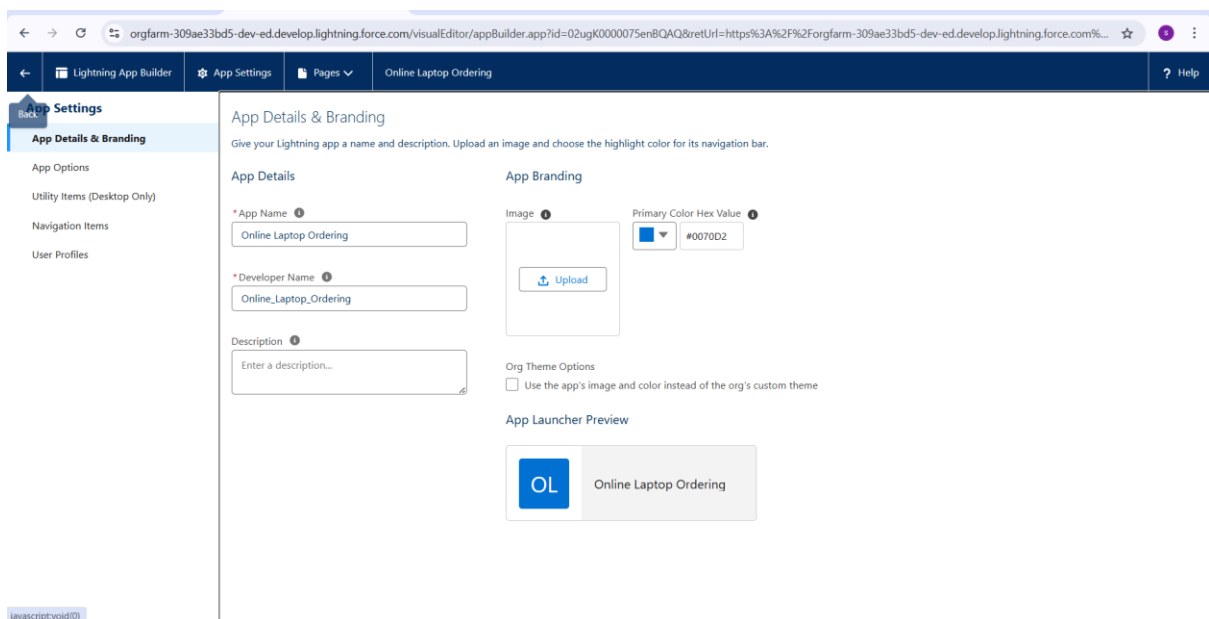
1. Lightning App Builder

- **Purpose:** Allows you to **create custom apps and pages** without code.

- **Project Implementation:**

  - Created a custom app called **"Laptop Ordering System"**.

  - Consolidates all relevant **tabs, dashboards, and components** into a single workspace for users.

- **Impact:**

  - Improves **user productivity** by providing a **centralized, role-specific interface**.

  - Reduces navigation complexity for users who need to access multiple objects.

2. Record Pages & Tabs

- **Record Pages:** Custom pages designed for each object (Laptop, Dealer, Customer, Order, Testing).

  - Example: Laptop Order Page shows:

    - Customer details

    - Dealer info

    - Ordered laptops

▪ Testing status

- **Tabs:** Each object has its own tab for **quick access**.

- **Impact:**

    o Users can **easily find and update records**.

    o Custom page layouts ensure **only relevant fields and components are displayed**.
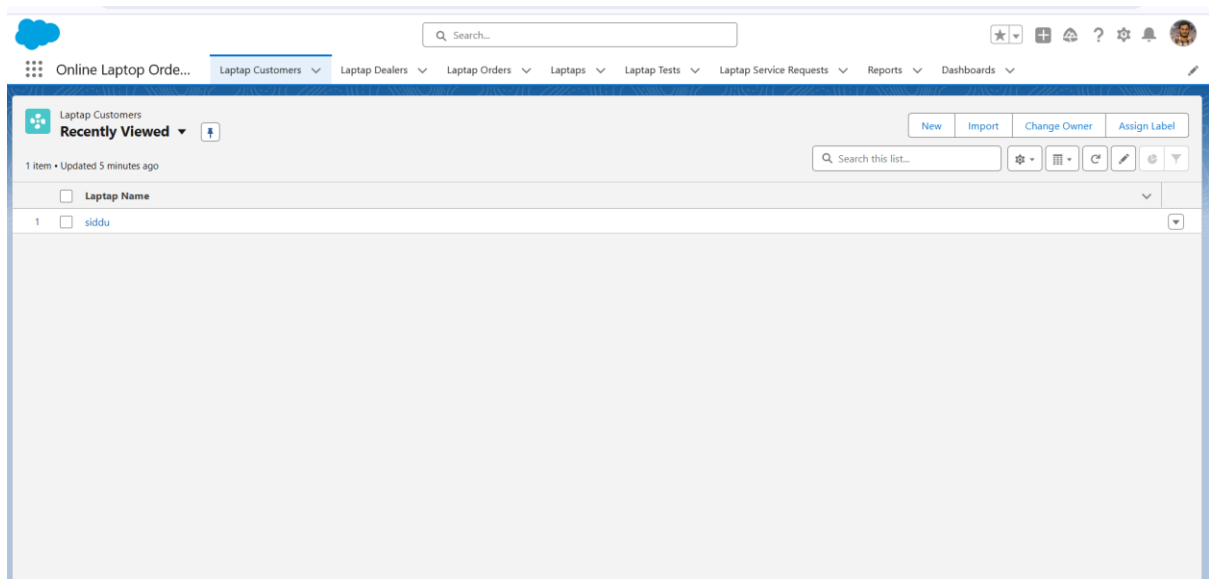

3. Home Page Layouts

- **Purpose:** Dashboard view for users when they log in.

- **Implementation:**

    o **Admin Home Page:** Shows overall orders, dealer performance, pending approvals, and service metrics.

    o **Dealer Home Page:** Shows assigned orders, pending testing, and stock alerts.

    o **Sales Home Page:** Shows customer orders, approvals, and pending actions.

- **Impact:**

    o Users can **monitor key metrics at a glance**.

    o Reduces the need for multiple clicks to access important information.

4. Lightning Web Components (LWC)

- **Purpose:** Modern, customizable components that can be embedded in Salesforce pages.

- **Project Examples:**

1. **Laptop Order Form:**

    o Screen flow-like component for entering new orders

    o Fields: Customer, Dealer, Laptop, Quantity, Order Date

    o Includes **real-time validation** and stock checks

2. **Testing Status Tracker:**

    o Displays testing progress for orders

    o Visual indicators for **Pending, In Progress, Completed**

    o Can filter by customer, dealer, or order

- **Impact:**

    o Improves **user experience with interactive components**

- o Reduces **manual clicks and searches** for relevant information

Summary of Phase 6

1. **Lightning App Builder:** Centralized, role-specific app for all users

2. **Record Pages & Tabs:** Easy access to objects like Laptop, Dealer, Customer, Order, Testing

3. **Home Page Layouts:** Dashboards with key metrics for Admin, Dealer, and Sales

4. **Lightning Web Components (LWC):** Interactive forms and status trackers for orders and testing