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# Phase 6: User Interface Development

□ **Goal:** Build a user-friendly Insurance Portal UI using Salesforce Lightning tools and LWC.

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## Lightning App Builder

Create a **custom Insurance Portal App** with tabs for:

Policies

Claims

Customers

Reports & Dashboards

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## Record Pages

### Policy Page:

Show customer info, premium amount, start/end dates, payment status.

Related claims listed in a related list component.

### Claim Page:

Show claim details, linked policy, claim amount, and approval status.

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## Tabs

Add custom tabs for:

**Policy\_\_c** (Insurance Policies)

**Claim\_\_c** (Customer Claims)

**Customer\_\_c** (Policyholders)

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## Home Page Layouts

Dashboard highlights:

Total Active Policies

Pending Claims

Monthly Premium Collection

Quick links: “Create New Policy” / “File a Claim.”

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## Utility Bar

Add shortcuts for:

“New Claim Submission”

“Search Customer”

Notifications panel

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## LWC (Lightning Web Components)

### **Policy Search Component:**

Search policies by policy number or customer name.

### **Claim Submission Form:**

LWC form to file a claim linked to an active policy.

### **Renewal Reminder Component:**

Shows upcoming policy renewals for agents.

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## Apex with LWC

### **Imperative Call:**

Create claim record after form submission.

## Wire Adapters:

Auto-fetch active policies for logged-in customer.

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## Events in LWC

Parent-child communication:

Claim form component → sends event to parent for validation results.

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## Wire Adapters

Example:

```
@wire(getActivePolicies, { customerId: '$recordId' }) policies;
```

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## Imperative Apex Calls

Example: Submit new claim:

```
handleSubmit() {  
    createClaim({ policyId: this.policyId, claimAmount:  
this.amount })  
        .then(result => { /* success */ })  
        .catch(error => { /* error handling */ });  
}
```

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## Navigation Service

After submitting a claim → navigate user to **Claim Record Page**.

After creating a new policy → redirect to **Policy Record Page**.

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□ This phase ensures that the **Insurance Portal** is not just functional but **intuitive, user-friendly, and mobile-ready** for agents, managers, and customers.

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