

Phase 6: User Interface Development

□ 1. Lightning App Builder

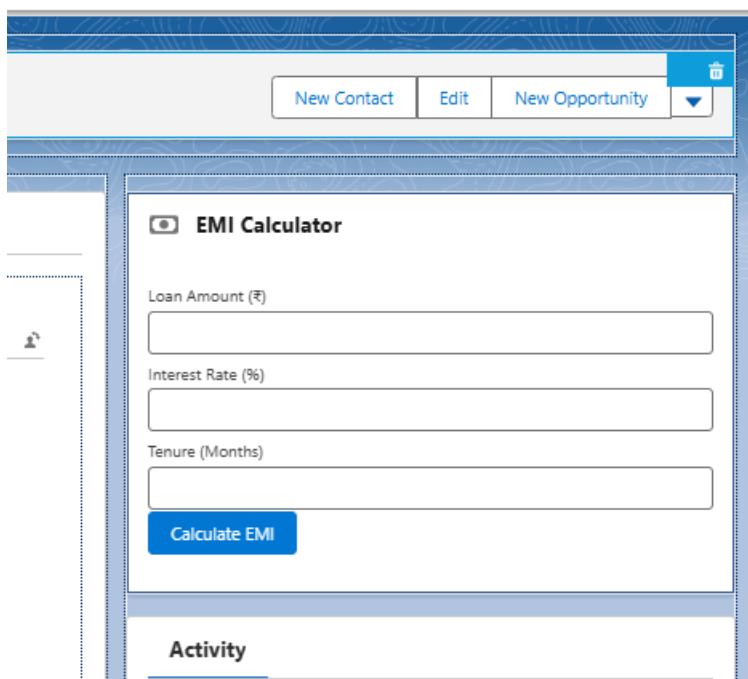
◆ Use Case:

The **Loan Origination App** was designed using **Lightning App Builder** to provide a unified interface for Loan Officers and Managers.

It combines components like record details, related lists, dashboards, and the EMI Calculator (LWC).

Steps:

- Setup → App Manager → **New Lightning App**
- Name: *Loan Origination App*
- Navigation: Standard Navigation
- Add Items: Loan Applications, EMI Details, Reports, Dashboards



2.Tabs

◆ Use Case:

Custom **Tabs** were created for easy navigation within the app:

- Loan Applications
- EMI Details
- Reports & Dashboards

Steps:

- Setup → Tabs → New → Custom Object Tab → *Loan_Application__c*
- Assign to profiles for visibility.

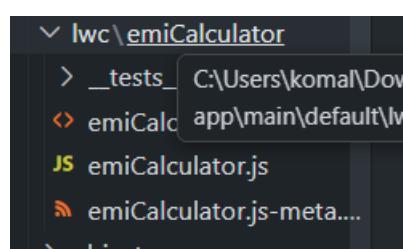


3. Home Page Layout

The **Home Page** was customized using **Lightning App Builder** to give users a quick view of:

- Recent Loan Applications
- Pending Approvals
- A mini-dashboard component

4. LWC (Lightning Web Component)



The screenshot shows a code editor window with the file 'emiCalculator.html' open. The code is written in Lightning Web Components (LWC) syntax. It includes an `lightning-card` component with a title 'EMI Calculator' and an icon 'utility:currency'. Inside the card, there are three `lightning-input` components for loan amount, interest rate, and tenure. A `lightning-button` labeled 'Calculate EMI' triggers a click event to calculate the EMI. A template block handles the result, displaying the calculated monthly EMI value. The code uses standard CSS classes like `xxx` for styling.

```

1 <lightning-card title="EMI Calculator" icon-name="utility:currency">
2   <div class="xxx">
3     <lightning-input type="number" label="Loan Amount (<sup>x</sup>)" value={loanAmount} onchange={handleAmount}></lightning-input>
4     <lightning-input type="number" label="Interest Rate (%)" value={interestRate} onchange={handleRate}></lightning-input>
5     <lightning-input type="number" label="Tenure (Months)" value={tenure} onchange={handleTenure}></lightning-input>
6
7     <lightning-button label="Calculate EMI" variant="brand" onclick={calculateEMI} class="xxx"></lightning-button>
8
9     <template if:true={emi}>
10       <p class="xxx">
11         Your Monthly EMI: ₹ {emi}
12       </p>
13     </template>
14   </div>
15 </lightning-card>
16 </template>
17 </lightning-card>
18

```

Phase 6 Summary

Concept	Implementation	Outcome
Lightning App Builder	Designed Loan Origination App	Centralized user interface
Record Pages	Custom Loan Application Record Page	Displayed loan details & EMI
Tabs & Home Page	Organized navigation	Easy access for users
Utility Bar	Quick access tools	Boosted productivity
LWC	EMI Calculator	Interactive UI for EMI
Apex + LWC	Server-side calculation	Accurate EMI results
Events & Wire	Dynamic data & interaction	Responsive UI
Navigation Service	Smooth page flow	Better user experience

Phase 6 successfully built a **modern, interactive, and dynamic user interface** for the Loan Origination System using **Lightning App Builder** and **LWC**.

Users can easily navigate, calculate EMIs, and manage loan records — all from a single unified Lightning experience.