

## **Phase 6: User Interface Development**

### **Lightning App Builder:**

Healthcare: Build custom apps for patient management dashboards, combining charts, lists, and components.

Donation: Create fundraising apps displaying donor trends and campaign performance. App Builder lets admins configure drag-and-drop pages without coding.

### **Record Pages:**

Healthcare: Customize patient record pages with related appointments, lab results, and doctor notes.

Donation: Display donor profiles with pledge history, related campaigns, and contact info. Record pages provide role-specific data visibility.

### **Tabs:**

Healthcare: Add custom tabs for prescriptions, lab results, or appointments.

Donation: Tabs organize campaigns, donations, and volunteers. Tabs make navigation easy, ensuring users quickly access relevant records.

### **Home Page Layouts:**

Healthcare: Show doctors dashboards with upcoming appointments, urgent alerts, and KPIs.

Donation: Display fundraiser metrics, donor engagement charts, and active campaigns. Home layouts deliver personalized, actionable insights at login.

### **Utility Bar:**

Healthcare: Add quick access to patient search, chat, or case logging.

Donation: Include shortcuts for donor lookup, campaign status, and notes. The utility bar provides persistent tools across the app.

### **LWC (Lightning Web Components):**

Healthcare: Create reusable components for live patient monitoring or appointment booking.

Donation: Build donor pledge calculators or event signup widgets. LWCs deliver modern, responsive UI with faster performance.

### **Apex with LWC:**

Healthcare: Use Apex to fetch patient history or update treatment plans securely.

Donation: Call Apex to process bulk donations or generate reports. Apex integrates server-side logic with LWC for dynamic, data-driven experiences.

## Events in LWC:

Healthcare: Trigger events when updating vitals so related components refresh instantly.

Donation: Fire events when pledges are added to update donor totals. Events enable communication between LWC components for seamless interactivity.

## Wire Adapters:

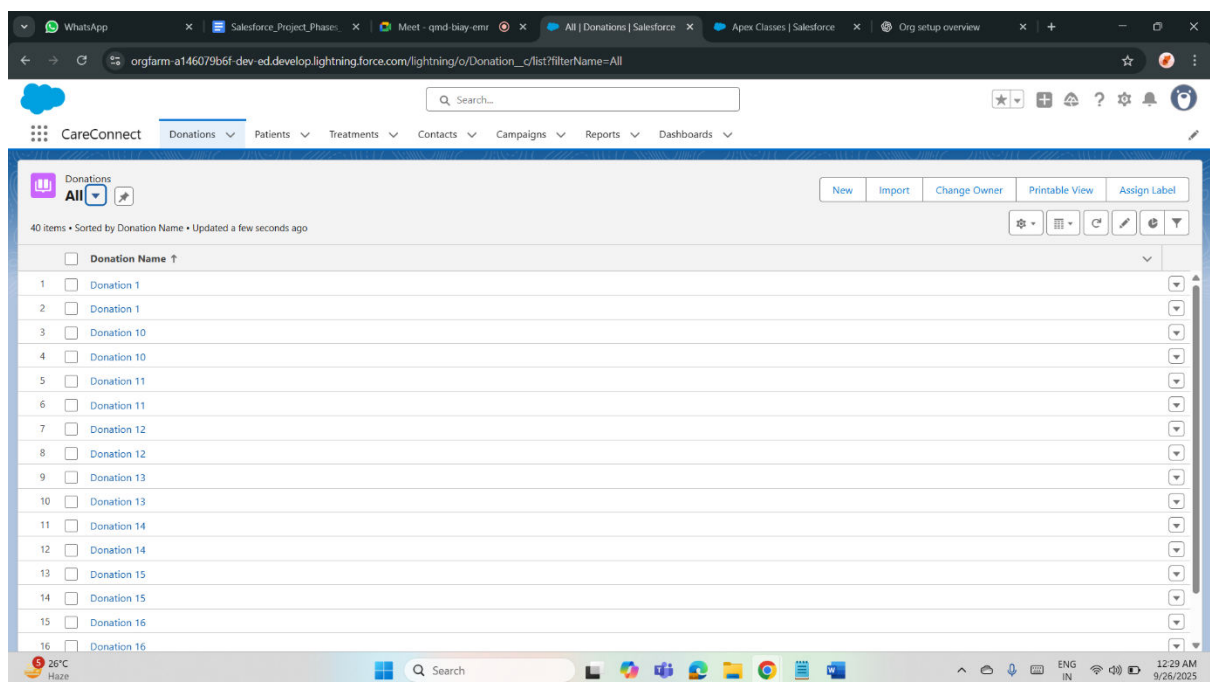
Healthcare: Wire Apex or Salesforce data to show real-time patient records.

Donation: Use wire adapters to display live donor contributions or campaign stats. They provide reactive, automatic data binding without imperative calls.

## Imperative Apex Calls:

Healthcare: Fetch filtered patient records on button click for doctors.

Donation: Execute donor segmentation logic on demand. Imperative calls give more control than wire adapters, allowing custom actions and error handling.



WhatsApp | Salesforce\_Project\_Phases | Meet - qmd-biay-emr | Recently Viewed | Patients | Apex Classes | Salesforce | Org setup overview

orgfarm-a146079b6f-dev-ed.develop.lightning.force.com/lightning/o/Patient\_c/list?filterName=\_Recent

CareConnect Donations Patients Treatments Contacts Campaigns Reports Dashboards

Patients Recently Viewed 15 items • Updated a few seconds ago

New Import Change Owner Assign Label

	Patient Name	
1	Patient 15	
2	Patient 14	
3	Patient 13	
4	Patient 12	
5	Patient 11	
6	Patient 10	
7	Patient 9	
8	Patient 8	
9	Patient 7	
10	Patient 6	
11	Patient 5	
12	Patient 4	
13	Patient 3	
14	Patient 2	
15	Patient 1	

26°C Haze Search

WhatsApp | Salesforce\_Project\_Phases | Meet - qmd-biay-emr | Contact Intelligence View | Apex Classes | Salesforce | Org setup overview

orgfarm-a146079b6f-dev-ed.develop.lightning.force.com/lightning/o/Contact/pipelineinspection?filterName=00BgK00000BIFG8UAL

CareConnect Donations Patients Treatments Contacts Campaigns Reports Dashboards

Contacts My Contacts

Created This Quarter Owner Me

Total Contacts 13 No Activity 13 Idle 0 No Upcoming 0 Overdue 0 Due Today 0 Upcoming 0

13 items • Filtered by Created Date, Me, Total Contacts

Send Email Assign Label

	Name	Title	Account Name	Last Activity	Actions
1	fevrah maas				
2	Rahul Sharma				
3	kia selfos				
4	John Smith		0		
5	Mary Johnson		0		
6	Robert Brown		0		
7	Linda Davis		0		
8	Michael Wilson		0		
9	Patricia Martinez		0		

26°C Haze Search

WhatsApp | Salesforce\_Project\_Phases | Meet - qmd-bay-emr | Recent | Reports | Salesforce | Apex Classes | Salesforce | Org setup overview

orgfarm-a146079b6f-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mrui

CareConnect Donations Patients Treatments Contacts Campaigns Reports Dashboards

Reports  
Recent  
5 items

Search recent reports...

New Report New Folder

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Treatments Funded By Donations		Health Reports	Vishakha Soni	9/25/2025, 6:29 AM	
Created by Me	Patients served per Campaign		Health Reports	Vishakha Soni	9/25/2025, 6:25 AM	
Private Reports	Donation by Donor		Health Reports	Vishakha Soni	9/25/2025, 6:17 AM	
Public Reports	Donations by Campaign		Health Reports	Vishakha Soni	9/25/2025, 6:11 AM	
All Reports	Sample Flow Report: Screen Flows	Which flows run, what's the status of each interview, and how long do users take to complete the screens?	Public Reports	Automated Process	7/17/2025, 9:10 AM	

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

https://orgfarm-a146079b6f-dev-ed.develop.lightning.force.com/lightning/o/Report/home

26°C Haze

WhatsApp | Salesforce\_Project\_Phases | Meet - qmd-bay-emr | Recent | Dashboards | Salesforce | Apex Classes | Salesforce | Org setup overview

orgfarm-a146079b6f-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mrui

CareConnect Donations Patients Treatments Contacts Campaigns Reports Dashboards

Dashboards  
Recent  
1 item

Search recent dashboards...

New Dashboard New Folder

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Community Impact		Health Dashboards	Vishakha Soni	9/25/2025, 6:37 AM	

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

26°C Haze