

Phase 6: User Interface Development

1. Lightning App Builder

- Designed a custom Leave Management App in Salesforce.
- App includes navigation tabs:
 - Home
 - My Leaves
 - Leave Requests
 - Reports & Dashboards
 - Leaves Calender
 - Google Calender

Leave Tracker App

Leave Tracker

Leave Tracker

Reports&dashboards

Leave Login

leaveCalendar

googleCalendar

Request Id	From Date	To Date	Reason	Status	Manager Comment	
<input type="checkbox"/> A0012	2025-09-25	2025-09-27	health issue	Pending		Edit
<input type="checkbox"/> A0011	2025-09-26	2025-09-30	health sick	Pending		Edit
<input type="checkbox"/> A0010	2025-09-26	2025-09-29	wetest	Pending		Edit
<input type="checkbox"/> A0009	2025-09-26	2025-09-29	webtest	Pending		Edit
<input type="checkbox"/> A0008	2025-09-26	2025-09-23	reason	Pending		Edit
<input type="checkbox"/> A0007	2025-09-27	2025-09-24	reason	Pending		Edit
<input type="checkbox"/> A0006	2025-09-26	2025-09-24	test678	Pending		Edit
<input type="checkbox"/> A0005	2025-09-25	2025-09-24	test123	Pending		Edit
<input type="checkbox"/> A0004	2025-09-26	2025-09-24	test	Pending		Edit
<input type="checkbox"/> A0003	2025-09-17	2025-10-10	test			Edit
<input type="checkbox"/> A0000	2023-03-10	2023-03-11	For personal reason	Approved		Edit
<input type="checkbox"/> A0002	2023-03-19	2023-03-19	For personal reason	Rejected		Edit
<input type="checkbox"/> A0001	2023-03-15	2023-03-15	Test	Pending		Edit

2. Record Pages

- Customized LeaveRequest__c Record Page to show:
 - Employee details
 - Leave type, dates, and reason
 - Manager comments
 - Approval/Rejection buttons (Quick Actions)
- Compact layouts added for quick visibility of status.


3.Tabs

- Created custom tabs for:
 - Leave Requests
 - My Leaves

<input type="checkbox"/>	Request Id	▼	User	▼	From Date	▼	To Date	▼	Reason	▼	Status	▼	Manager Comment	▼	
<input type="checkbox"/>	A0013				2025-09-25		2025-09-30				Pending				Edit

4. Home Page Layouts

- Customized with:
 - Employee Leave Summary Chart
 - Quick Action: Apply for Leave
 - Recent Leave Requests list view

 Leave Tracker

My Leaves

Leave Requests

<input type="checkbox"/>	Request Id	▼	From Date	▼	To Date	▼	Reason	▼	Status	▼	Manager Comment	▼	
<input type="checkbox"/>	A0012		2025-09-25		2025-09-27		health issue		Pending				Edit
<input type="checkbox"/>	A0011		2025-09-26		2025-09-30		health sick		Pending				Edit
<input type="checkbox"/>	A0010		2025-09-26		2025-09-29		wetest		Pending				Edit
<input type="checkbox"/>	A0009		2025-09-26		2025-09-29		webtest		Pending				Edit
<input type="checkbox"/>	A0008		2025-09-26		2025-09-23		reason		Pending				Edit
<input type="checkbox"/>	A0007		2025-09-27		2025-09-24		reason		Pending				Edit
<input type="checkbox"/>	A0006		2025-09-26		2025-09-24		test678		Pending				Edit
<input type="checkbox"/>	A0005		2025-09-25		2025-09-24		test123		Pending				Edit
<input type="checkbox"/>	A0004		2025-09-26		2025-09-24		test		Pending				Edit

5. Lightning Web Components (LWC)

Built multiple LWCs to handle leave functionality:

- MyLeaves
 - Displays logged-in employee's leave history.
 - Uses @wire to fetch data from LeaveRequestController.getMyLeaves().
 - Color-coded statuses:
 - Approved = Green
 - Rejected = Red

<input type="checkbox"/>	A0005	2025-09-25	2025-09-24	test123	Pending	Edit
<input type="checkbox"/>	A0004	2025-09-26	2025-09-24	test	Pending	Edit
<input type="checkbox"/>	A0003	2025-09-17	2025-10-10	test		Edit
<input type="checkbox"/>	A0000	2023-03-10	2023-03-11	For personal reason	Approved	Edit
<input type="checkbox"/>	A0002	2023-03-19	2023-03-19	For personal reason	Rejected	Edit
<input type="checkbox"/>	A0001	2023-03-15	2023-03-15	Test	Pending	Edit

- LeaveRequest
 - Managers can view and act on leave requests.
 - Buttons for Approve / Reject directly from the LWC.
 - Sends updates via Apex controller + email notifications.

6. Apex with LWC

- Imperative Apex Calls: Used in applyLeave and leaveRequest for record insert/update.
- Wire Adapters: Used in myLeaves to fetch employee's leaves dynamically.

7. Navigation

- Used in LWC to navigate between:
 - Leave request record page
 - Leave dashboard reports
 - Apply Leave form
 - Login Page
 - Reports and dashboards
 - Leave Calender
 - Google Calender

<input type="checkbox"/>	Request Id	From Date	To Date	Reason	Status	Manager Comment	
<input type="checkbox"/>	A0012	2025-09-25	2025-09-27	health issue	Pending		<div>Edit</div>
<input type="checkbox"/>	A0011	2025-09-26	2025-09-30	health sick	Pending		<div>Edit</div>
<input type="checkbox"/>	A0010	2025-09-26	2025-09-29	wetest	Pending		<div>Edit</div>
<input type="checkbox"/>	A0009	2025-09-26	2025-09-29	webtest	Pending		<div>Edit</div>
<input type="checkbox"/>	A0008	2025-09-26	2025-09-23	reason	Pending		<div>Edit</div>
<input type="checkbox"/>	A0007	2025-09-27	2025-09-24	reason	Pending		<div>Edit</div>
<input type="checkbox"/>	A0006	2025-09-26	2025-09-24	test678	Pending		<div>Edit</div>
<input type="checkbox"/>	A0005	2025-09-25	2025-09-24	test123	Pending		<div>Edit</div>
<input type="checkbox"/>	A0004	2025-09-26	2025-09-24	test	Pending		<div>Edit</div>
<input type="checkbox"/>	A0003	2025-09-17	2025-10-10	test			<div>Edit</div>
<input type="checkbox"/>	A0000	2023-03-10	2023-03-11	For personal reason	Approved		<div>Edit</div>
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<input type="checkbox"/>	A0001	2023-03-15	2023-03-15	Test	Pending		<div>Edit</div>