

Project Title:

Leave Management System using Salesforce LWC

Industry: Human Resources, Employee Management

Project Type: Employee Self-Service Application (B2E – Business to Employee) using Salesforce Lightning Web Components (LWC)

Target Users:

1. Employees (Leave Applicants)
2. HR Teams
3. Managers / Approvers
4. Admins / System Operators

Problem Statement:

Organizations often face difficulties in efficiently managing employee leave requests, approvals, and balances. Manual processes lead to:

- Delayed approvals
- Lack of transparency for employees
- Difficulty in tracking leave balances
- Errors in compliance and reporting

To overcome these issues, the company aims to implement a Salesforce-based Leave Management Solution that:

- Simplifies leave requests and approvals
- Provides real-time visibility into leave balances and status
- Automates approval workflows
- Improves transparency and employee satisfaction

Use of Salesforce:

1. Data Modeling

- Create custom objects (e.g., Leave_Request, Leave_Type)
- Define relationships with Employee (User) records
- Store leave balances and history

2. UI with Lightning Web Components (LWC)

- Employee-facing form to apply for leave
- Manager dashboard to view and approve/reject requests
- HR dashboard for tracking and reporting

3. Automation

- **Salesforce Flow / Approval Process** to route leave requests to managers
- Auto-update leave balances upon approval/rejection
- Notifications sent to employees and managers

4. Visualization & Reports

- Dashboards for leave utilization, pending approvals, and trends
- Reports by department, leave type, or time period

5. Real-time Notifications

- In-app notifications, emails, or Salesforce mobile alerts for approvals, rejections, or balance updates

Use Cases:

1. **Leave Application**
 - Employee submits a leave request via LWC form
2. **Manager Approval Workflow**
 - Manager receives notification and approves/rejects directly in Salesforce
3. **Leave Balance Tracking**
 - Employees can view updated leave balances in real time
4. **HR Oversight**
 - HR monitors company-wide leave usage and policy compliance
5. **Analytics & Reporting**
 - Dashboards showing peak leave periods, approval turnaround times, and usage trends

■ Expected Outcomes:

- 1.Streamlined leave application and approval process
- 2.Increased transparency for employees and managers
3. Reduction in administrative workload for HR teams
- 4.Real-time insights into leave trends for resource planning
- 5.Improved compliance with company leave policies
- 6.Higher employee satisfaction through a modern self-service experience