

Payroll Management System

Overview

The Payroll Management System automates salary calculations based on attendance and leave records. The Leave Salary Rule Configuration module allows HR teams to define deduction policies for unpaid leave, ensuring accurate payroll processing.

Problem

Manual leave-based deductions led to inconsistent calculations, payroll errors in CTC components (Basic, HRA, Allowances), lack of transparency, and increased processing time.

Objectives

- Automate payroll deductions based on leave policies
- Configure grade-wise leave salary rules
- Ensure accurate CTC component adjustments
- Minimize manual payroll intervention
- Improve payroll transparency and compliance
- Enable scalable payroll policy configuration

Solution

A Leave Salary Rule Engine was implemented to apply deduction rules based on leave type, employee grade, and configured salary components during payroll processing.

5. Key Features

- Leave-type based salary deduction rules
- Grade-wise payroll configuration
- Component-level CTC adjustment
- Rule activation/deactivation
- Centralized payroll policy management
- Real-time payroll impact calculation
- Integration with Attendance Module

Payroll Management System

7. Technology Stack

Angular | .NET Core | SQL Server | Power BI

9. Conclusion

The module enhanced payroll automation by ensuring accurate, policy-driven salary deductions, improving efficiency and reducing payroll errors.

Payroll Management
Software project

Payroll Management

- Leave Salary Rule Configuration
- Payment methods
- Payroll Components
- Payroll Schema
- Payroll Salary Break Up
- Create Payroll
- Loans Management
- Employee Attendance summary
- Run Payroll
- Denominations Paid

Collapse menu

Leave Salary Rule Configuration

Payroll Management / Leave Salary Rule Configuration

Filter

LEAVE TYPE CONDITION					CTC COMP (%)					
LEAVE TY...	OPERATIOI	NO DAYS	GRADE	STATUS	BASIC	FX HRA	ADD HRA	LO. ALLOW	CAR ALLOW	TRANS
<input type="checkbox"/> Unpaid Leave	>	15	Grade A	Active	100	0	100	50	50	0

25 50 100 200

< 1 2 3 4 5 12 ... 10 >