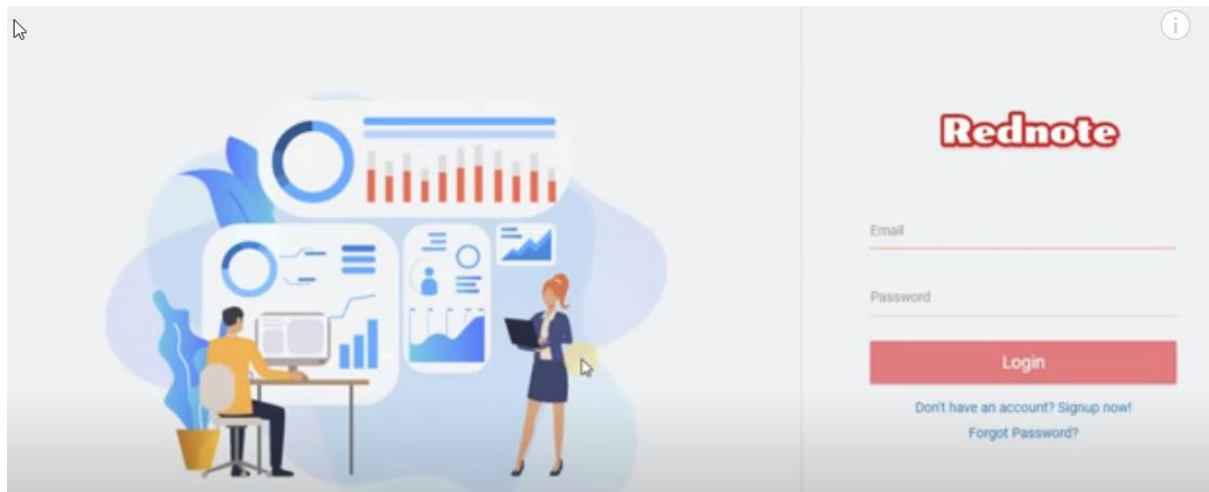


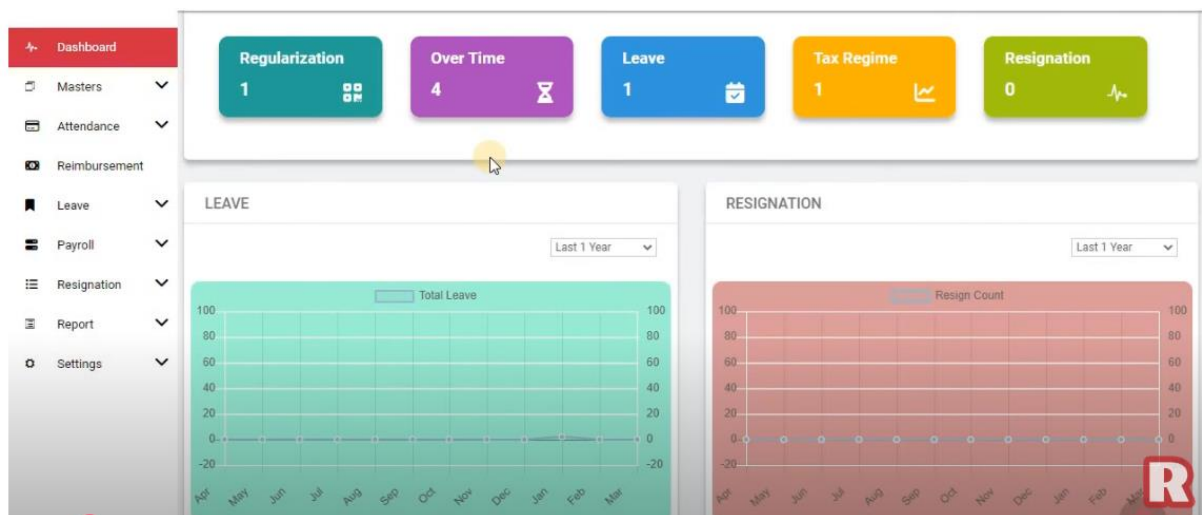
1. Login Replace Rednote as DRCTS (Take from config)
2. Replace Email as Email/Mobile (Uniquely identified)
3. User Registration: EmpID as primary key, Email and mobile -unique
4. Admin/user/Supervisor ->User Type TableRequired



When click login button it checks the authentication( it searches in the specified table). Again checking attendance system, if already punched in , no need to display the popup other to display the popup for punchin)

(one popup will be displayed . do you want to punch in only first time) login it marks as attendance

2> Redirect to Dash board (use only left bar options)



Keep 1> punch in option under attendance

When click on punch in button , it display popup for making attendance.

Keep 2> Attendance System in option under attendance

Present

Leave

Weekly Off

Holiday

Birthday

ForeNoon Present

AfterNoon Present

Defaulting Days

Attendance Sheet for

September 2025						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
25	26	27	28	29	30	31
1 Present - Posted Office - 12:03 AM	2 Present - Posted Office - 12:00 AM	3 Present - Posted Office - 12:01 AM	4 Present - Posted Office - 12:02 AM	5 Present - Posted Office - 12:03 AM	6 Present - Posted Office - 12:03 AM	7 Present - Posted Office - 12:01 AM
8 Present - Posted Office - 12:04 AM	9 Present - Posted Office - 12:01 AM	10 Present - Posted Office - 12:07 AM	11 Present - Posted Office - 12:02 AM	12 Present - Posted Office - 12:01 AM	13 Present - Posted Office - 12:01 AM	14 Present - Posted Office - 12:03 AM
15 Present - Posted Office - 12:02 AM	16 Present - Posted Office - 12:01 AM	17 Present - Posted Office - 12:00 AM	18 Present - Posted Office - 12:01 AM	19 Present - Posted Office - 12:03 AM	20 Present - Posted Office - 12:03 AM	21 Present - Posted Office - 12:00 AM
22 Present - Posted Office - Late: 01:07 AM	23 Present - Posted Office - 12:01 AM	24 Present - Posted Office - 12:07 AM	25 Present - Posted Office - 12:03 AM	26 Present - Posted Office - 12:00 AM	27 Present - Posted Office - 12:00 AM	28 Present - Posted Office - 12:00 AM
29 Present - Posted Office - 12:00 AM	30 Maha Ashvini	1 Present - Posted Office - 12:00 AM	2 Present - Posted Office - 12:00 AM	3 Present - Posted Office - 12:00 AM	4 Present - Posted Office - 12:00 AM	5 Present - Posted Office - 12:00 AM

Present

Leave

Weekly Off

Holiday

Birthday

ForeNoon Present

AfterNoon Present

Defaulting Days

Attendance Sheet for

October 2025						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
29	30	1 Maha Navami	2 Gandhi Jayanti/Vijaya Dashami	3 Leave	4	5
6 Leave	7	8	9	10	11	12
13	14	15	16	17	18	19
20 Diwali	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5 Eid	6	7	8	9

Column Name	Data Type	Description
EmployeeID	INT (PK, Identity)	Unique employee ID (Primary Key)
EmployeeCode	VARCHAR(20)	Custom code (e.g., EMP001)
FirstName	VARCHAR(50)	Employee's first name
LastName	VARCHAR(50)	Employee's last name
Gender	CHAR(1)	M/F/O
DOB	DATE	Date of birth
Email	VARCHAR(100)	Official email address
PhoneNumber	VARCHAR(15)	Contact number
AddressLine1	VARCHAR(150)	Address
AddressLine2	VARCHAR(150)	Optional secondary address

Column Name	Data Type	Description
City	VARCHAR(50)	City
State	VARCHAR(50)	State
PostalCode	VARCHAR(10)	ZIP/Postal code
DepartmentID	INT (FK)	Linked to Department table
Designation	VARCHAR(50)	Job title
JoiningDate	DATE	Joining date
Status	VARCHAR(20)	Active / Inactive / Terminated
CreatedDate	DATETIME	Record creation timestamp
ModifiedDate	DATETIME	Last update timestamp

Password

Login Type (Email/Mobile/Both)

CREATE TABLE Department (

DepartmentID INT IDENTITY(1,1) PRIMARY KEY,

DepartmentName VARCHAR(50) NOT NULL UNIQUE

);

ALTER TABLE Employee

ADD CONSTRAINT FK\_Employee\_Department

FOREIGN KEY (DepartmentID) REFERENCES Department(DepartmentID);

CREATE TABLE Employees (

EmployeeID INT PRIMARY KEY IDENTITY(1,1),

EmployeeName NVARCHAR(100) NOT NULL,

Designation NVARCHAR(100),

Department NVARCHAR(100),

DateOfJoining DATE

);

Defines all possible salary heads shown on the slip.

CREATE TABLE SalaryComponents (

ComponentID INT PRIMARY KEY IDENTITY(1,1),

```

ComponentName NVARCHAR(100) NOT NULL,    -- e.g. Basic, HRA, PF Employee
ComponentType NVARCHAR(20) NOT NULL,     -- 'Earning' or 'Deduction'
IsEmployer BIT DEFAULT 0,                -- 1 if paid by employer
IsTaxable BIT DEFAULT 1                  -- 1 if taxable component
);

```

Maps salary component amounts to each employee.

```

CREATE TABLE EmployeeSalary (
    EmployeeID INT NOT NULL,
    ComponentID INT NOT NULL,
    Amount DECIMAL(10,2) NOT NULL,
    EffectiveFrom DATE NOT NULL,
    EffectiveTo DATE NULL,
    PRIMARY KEY (EmployeeID, ComponentID, EffectiveFrom),
    FOREIGN KEY (EmployeeID) REFERENCES Employees(EmployeeID),
    FOREIGN KEY (ComponentID) REFERENCES SalaryComponents(ComponentID)
);

```

Stores computed monthly salary details.

```

CREATE TABLE Payroll (
    PayrollID INT PRIMARY KEY IDENTITY(1,1),
    EmployeeID INT NOT NULL,
    PayrollMonth INT NOT NULL,
    PayrollYear INT NOT NULL,
    GrossEarnings DECIMAL(10,2),
    TotalDeductions DECIMAL(10,2),
    NetSalary DECIMAL(10,2),
    CreatedOn DATETIME DEFAULT GETDATE(),
    FOREIGN KEY (EmployeeID) REFERENCES Employees(EmployeeID)
);

```

Salary Components as per Slip

Component (Earnings)	Type	Description
Basic	Earning	Fixed % of gross (e.g., 40-50%)
HRA	Earning	40-50% of Basic (varies by city)
Conv. All (Conveyance)	Earning	Fixed allowance for transport
Trans. All (Transport)	Earning	Extra transport if applicable
CEA (Child Edu. Allow)	Earning	Optional
Medical Allowance	Earning	Medical allowance
Others	Earning	Balancing component
PF Employer	Earning	Employer PF contribution
ESI Employer	Earning	Employer ESI contribution
Medical, Telephone, etc.	Earning	Company-paid benefits
Component (Deductions)	Type	Description
PF Employee	Deduction	12% of Basic
ESI Employee	Deduction	0.75% of Gross if salary < ₹21,000
Loan	Deduction	Loan EMI
Tax	Deduction	TDS based on IT slab

### 3. Calculation Logic

#### Gross Salary

Gross = Basic + HRA + Conv.All + Trans.All + CEA + Medical + Others

#### Deductions

TotalDeductions = PF Employee + ESI Employee + Loan + Tax

#### Net Salary

NetSalary = Gross - TotalDeductions

#### PF/ESI

PF Employee = 12% of Basic

PF Employer = 12% of Basic

ESI Employee = 0.75% of Gross (if Gross < ₹21,000)

ESI Employer = 3.25% of Gross (if Gross < ₹21,000)

**INSERT INTO Employees (EmployeeName, Designation, Department, DateOfJoining)**

VALUES

('Amit Sharma', 'Software Engineer', 'IT', '2023-04-10'),

('Priya Singh', 'HR Manager', 'HR', '2022-01-15');

**INSERT INTO SalaryComponents (ComponentName, ComponentType, IsEmployer) VALUES**

('Basic', 'Earning', 0),

('HRA', 'Earning', 0),

('Conv. All', 'Earning', 0),

('Trans. All', 'Earning', 0),

('CEA', 'Earning', 0),

('Medical Allowance', 'Earning', 0),

('Others', 'Earning', 0),

('PF Employer', 'Earning', 1),

('ESI Employer', 'Earning', 1),

('PF Employee', 'Deduction', 0),

('ESI Employee', 'Deduction', 0),

('Loan', 'Deduction', 0),

('Tax', 'Deduction', 0);

**INSERT INTO EmployeeSalary (EmployeeID, ComponentID, Amount, EffectiveFrom)**

VALUES

(1, 1, 25000, '2024-01-01'), -- Basic

(1, 2, 10000, '2024-01-01'), -- HRA

(1, 3, 2000, '2024-01-01'), -- Conveyance

(1, 4, 1500, '2024-01-01'), -- Transport

(1, 6, 1250, '2024-01-01'), -- Medical

(1, 7, 3250, '2024-01-01'); -- Others

## 5. Example Calculation for Chandra

- Basic = ₹25,000
- HRA = ₹10,000
- Conveyance = ₹2,000

- Transport = ₹1,500
- Medical = ₹1,250
- Others = ₹3,250

**Gross** = 25,000 + 10,000 + 2,000 + 1,500 + 1,250 + 3,250 = **₹43,000**

**Deductions:**

- PF Employee = 12% of Basic = 3,000
- ESI Employee = 0 (Gross > ₹21,000)

**Total Deductions** = ₹3,000

**Net Salary** = 43,000 – 3,000 = **₹40,000**

Statutory Component	Employee Rate	Employer Rate	Notes / Eligibility
<b>ESI (Employee State Insurance)</b>	0.75% of wages	3.25% of wages	Applicable only when gross wages ≤ ₹21,000/month (for normal employees) <a href="#">ClearTax+2Razorpay+2</a>
<b>EPF / PF (Provident Fund)</b>	12% of (Basic + DA)	12% of (Basic + DA)	Employer's share split between EPF & EPS (Employer's Pension Scheme) <a href="#">Paytm+2CAclubindia+2</a>
<b>Professional Tax / State Levies</b>	Varies by state	—	Based on slab in state (e.g. ₹200 / ₹300 etc)
<b>Income Tax / TDS</b>	Based on income slab	—	After exemptions, deductions, etc.
<b>Other Deductions</b>	Loan EMI, Insurance, etc.	—	As per company policies

### Salary Calculation Formulas (Example Umbrella)

Here's a generic sequence of steps / formulas to calculate the monthly salary:

Let:

- Basic = basic salary
- DA = dearness allowance (if applicable)
- HRA = house rent allowance
- Conveyance = conveyance or transport allowance
- Medical = medical allowance
- OtherAllowance = any other allowances

- Gross = total earning before deductions
- PF\_Emp, PF\_Employr = employee & employer PF contributions
- ESI\_Emp, ESI\_Employr = employee & employer ESI contributions
- PT = professional tax
- TDS = tax deducted at source
- OtherDeductions = any other deductions

### 1. Gross Earnings

Gross = Basic + DA + HRA + Conveyance + Medical + OtherAllowance

---

### 2. PF / EPF Contribution

PF\_Emp = 12% × (Basic + DA)

PF\_Employr = 12% × (Basic + DA)

- Employer's 12% is split: a portion goes to EPF, and a portion to EPS (Pension Scheme) depending on rules. [CAclubindia+2Paytm+2](#)
  - *Note:* Some establishments or special cases may use 10% instead of 12% under certain exemptions. [EPF India+1](#)
- 

### 3. ESI Contribution

If employee is eligible (wages ≤ ₹21,000):

ESI\_Emp = 0.75% × Gross

ESI\_Employr = 3.25% × Gross

Total ESI = ESI\_Emp + ESI\_Employr [HROne HR Software+2Razorpay+2](#)

---

### 4. Other Deductions

TotalOtherDeductions = PT + Loan + Insurance + TDS + any other statutory deductions

---

### 5. Total Deductions (For Employee)

TotalDeductions = PF\_Emp + ESI\_Emp + OtherDeductions

---

### 6. Net Salary (Take-Home)

NetSalary = Gross - TotalDeductions

---

## Example Calculation

Let's assume:

- Basic = ₹25,000
- DA = ₹2,500
- HRA = ₹12,000
- Conveyance = ₹1,600
- Medical = ₹1,200
- Other Allowance = ₹3,000

Then:

Gross = 25000 + 2500 + 12000 + 1600 + 1200 + 3000 = ₹45,300

**PF:**

PF\_Emp =  $12\% \times (25000 + 2500) = 12\% \times 27500 = ₹3,300$

PF\_Employr = ₹3,300 (same formula)

**ESI (if eligible):**

ESI\_Emp =  $0.75\% \times 45,300 = ₹339.75$

ESI\_Employr =  $3.25\% \times 45,300 = ₹1,472.25$

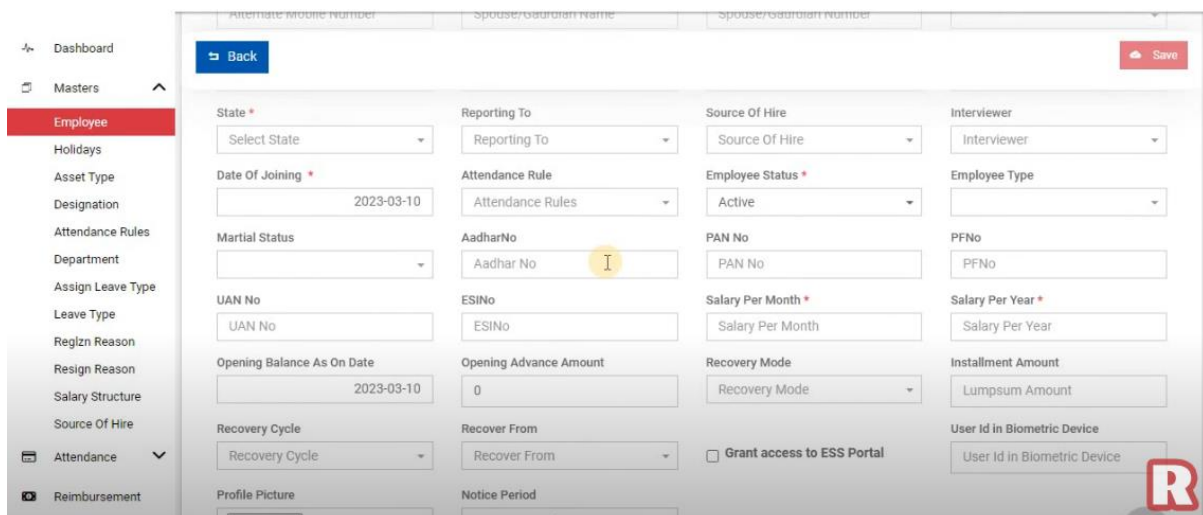
Total ESI = ₹1,812

Assume other deductions (PT + TDS + Loan) = ₹2,500

TotalDeductions = 3,300 + 339.75 + 2,500 = ₹6,139.75

NetSalary = 45,300 – 6,139.75 = ₹39,160.25

Payroll system



The screenshot shows a web-based payroll system interface. On the left is a sidebar menu with options: Dashboard, Masters (expanded), Employee (selected), Holidays, Asset Type, Designation, Attendance Rules, Department, Assign Leave Type, Leave Type, Reglzn Reason, Resign Reason, Salary Structure, Source Of Hire, Attendance, and Reimbursement. The main form area is titled 'Employee' and contains various input fields organized in a grid. Fields include: State (dropdown), Reporting To (dropdown), Source Of Hire (dropdown), Interviewer (dropdown), Date Of Joining (text, 2023-03-10), Attendance Rule (dropdown), Employee Status (dropdown, Active), Employee Type (dropdown), Martial Status (dropdown), AadharNo (text, Aadhar No), PAN No (text, PAN No), PFNo (text, PFNo), UAN No (text, UAN No), ESINO (text, ESINO), Salary Per Month (text, Salary Per Month), Salary Per Year (text, Salary Per Year), Opening Balance As On Date (text, 2023-03-10), Opening Advance Amount (text, 0), Recovery Mode (dropdown, Recovery Mode), Installment Amount (text, Lumpsum Amount), Recovery Cycle (dropdown, Recovery Cycle), Recover From (dropdown, Recover From), Grant access to ESS Portal (checkbox), User Id in Biometric Device (text, User Id in Biometric Device), Profile Picture (file upload, No file chosen), and Notice Period (text, Notice Period Day). A red 'Save' button is in the top right corner. A red 'R' logo is in the bottom right corner.

Dashboard

Masters

Employee

Holidays

Asset Type

Designation

Attendance Rules

Department

Assign Leave Type

Leave Type

Reglzn Reason

Resign Reason

Salary Structure

Source Of Hire

Attendance

Reimbursement

State \*

Reporting To

Source Of Hire

Interviewer

Back

Save

2023-03-10

Attendance Rules

Active

Marital Status

AadharNo

PAN No

PFNo

UAN No

ESINO

Salary Per Month \*

Salary Per Year \*

Opening Balance As On Date

Opening Advance Amount

Recovery Mode

Installment Amount

Recovery Cycle

Recover From

Grant access to ESS Portal

User Id in Biometric Device

Profile Picture

Notice Period

Add Bank Details

BeneficiaryName \*

BankName \*

AccNo \*

Ifsc Code \*

Reporting – Table needed, RepotingID, Employeeid,Modifieduser, date, orguser, orgdate

Dashboard

Masters

Employee

Holidays

Asset Type

Designation

Attendance Rules

Department

Assign Leave Type

Leave Type

Reglzn Reason

Resign Reason

Salary Structure

Source Of Hire

Attendance

Reimbursement

Back

Edit

Update

EMPLOYEE

Basic Info

Experience

Academic Info

Asset

Salary Break up

Revisions

Statement

Attachments

Preference

Print

Sl.No.	Component Name	Amount Per Month
1.	Basic + DA	8,000.00
2.	HRA	5,000.00
3.	Leave Travel Allowance	2,000.00
4.	Medical Allowance	5,000.00
Total		20,000.00

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Refresh

9884437333

support@

Dashboard

Masters

Attendance

Reimbursement

Leave

Payroll

Resignation

Report

Settings

General Setting

Payroll

Declaration Setting

Salary Component

SMTP Settings

Pay Cycle \*

To

Does your company have PF? \*

Employee PF(% on Basic) \*

Employer PF(% on Basic) \*

EPS(% on Basic) \*

PF Ceiling Required? \*

Does your company have ESI? \*

Employee ESI(%) \*

Employer ESI(%) \*

ESI Ceiling Amount \*

Do you deduct Professional Tax? \*

Do you deduct Income Tax?

Manual Income Tax

IT Deduct Month based on Declared ? \*

IT Deduct Month based on Proof ? \*

Select Regime\*

AttendanceUsing\*

- ↳ Dashboard
- ↳ Masters
- ↳ Attendance
- ↳ Reimbursement
- ↳ Leave
- ↳ Payroll
- ↳ Resignation
- ↳ Report
- ↳ Settings
  - General Setting
  - Payroll
  - Declaration Setting

SALARY COMPONENT

+ Add Components

	Component	Variable	*	Formula	IsTaxable	IsRecurring
✖	Basic + DA	CTC	*	0.4	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
✖	HRA	Manual	*	Formula	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
✖	Leave Travel Allowance	Manual	*	Formula	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
✖	Medical Allowance	Manual	*	Formula	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>

Masters	Employee (Salary Per Month)	Basic + DA	HRA	Leave Travel Allowance	Medical Allowance	Sum Of Components
Employee	Bala (20,000.00)	8000.00	5000.00	2000.00	5000.00	20000
Holidays	Meena (25,000.00)	10000.00	5000.00	9000.00	1000.00	25000
Asset Type	Support (20,000.00)	8000.00	3000.00	5000.00	4000.00	20000
Designation	Arun (15,000.00)	6000.00	3000.00	6000.00	0.00	15000
Attendance Rules	Saravana Kumar (35,000.00)	14000.00	9000.00	3000.00	9000.00	35000
Department	Prasanna (25,000.00)	10000.00	8000.00	3000.00	4000.00	25000
Assign Leave Type	Kumaran (32,500.00)	13000.00	8000.00	5500.00	6000.00	32500
Leave Type	Prasanna Deva (32,000.00)	12800.00	9000.00	1200.00	9000.00	32000
Reglzn Reason	Sarabeswaran (28,000.00)	11200.00	6000.00	7000.00	3800.00	28000
Resign Reason	Ananda Padmanabhan (20,000.00)	8000.00	6000.00	3000.00	3000.00	20000
Salary Structure	Gopinath (22,000.00)	8800.00	1200.00	9000.00	3000.00	22000
Source Of Hire						
Attendance						
Reimbursement						
Leave						

Masters

Attendance

Attendance Log

Approve Reglzn

Approve Over Time

Reimbursement

Leave

Payroll

Resignation

Report

Settings

Refresh

New

Show My Logs

Action

Regularized

Showing results of All Time

Employee Name	Attn. Date	In Time	Out Time	Total Worked Time
Krishnamoorthy	22-05-2022	00:00:00	00:00:00	00:00:00
Krishnamoorthy	23-05-2022	10:22:00	19:01:00	08:39:00
Krishnamoorthy	24-05-2022	11:33:00	18:47:00	07:14:00
Krishnamoorthy	25-05-2022	10:00:00	18:54:00	08:54:00
Krishnamoorthy	26-05-2022	10:08:00	18:55:00	08:47:00
Krishnamoorthy	27-05-2022	09:58:00	19:08:00	09:10:00
Krishnamoorthy	28-05-2022	10:10:00	19:03:00	08:53:00
Krishnamoorthy	29-05-2022	00:00:00	00:00:00	00:00:00

Masters

Attendance

Reimbursement

Leave

Payroll

Resignation

Report

Settings

Claim No

Bala T	1000
Support 1 Fragua 1	12000
Meena mary	1000
Support Fragua	1000
Arun kumar	1000
Saravana Kumar V	1000
Prasanna v	1000
Kumaran V	1000
Prasanna Deva V	1000
Sarabeswaran K P	1000
Ananda Padmanabhan L	1000

Masters

Attendance

Reimbursement

Leave

Payroll

Resignation

Report

Settings

Claim No

Bala T	1000
Support 1 Fragua 1	12000
Meena mary	1000
Support Fragua	1000
Arun kumar	1000
Saravana Kumar V	1000
Prasanna v	1000
Kumaran V	1000
Prasanna Deva V	1000
Sarabeswaran K P	1000
Ananda Padmanabhan L	1000