

# **EASYPAY, THE PAYROLL MANAGEMENT SYSTEM**

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# Introduction

The Payroll Management System simplifies salary computation, leave management, and tax deductions, ensuring error-free and efficient payroll processing. It provides a centralized platform for Manager and employees to manage and access payroll information seamlessly. It also helps Admin to manage Employees and other users. Employees can securely view their payslips, and leave status.

# Technologies used

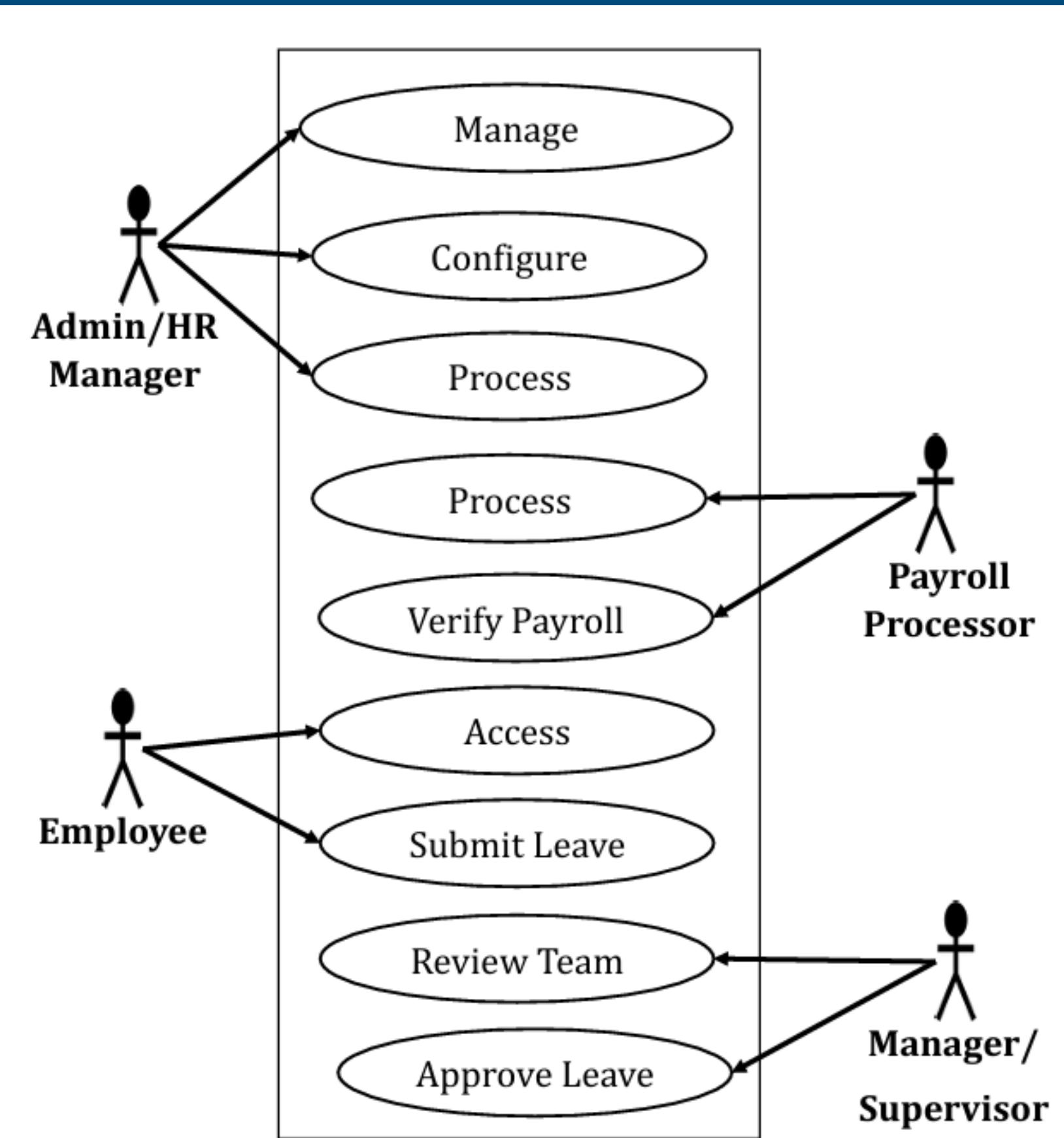
- Frontend development - **React.js**
- Backend development - **Spring Boot**
- Database management - **MySQL**
- Authentication & role management - **JWT / Spring Security**

# Tools used

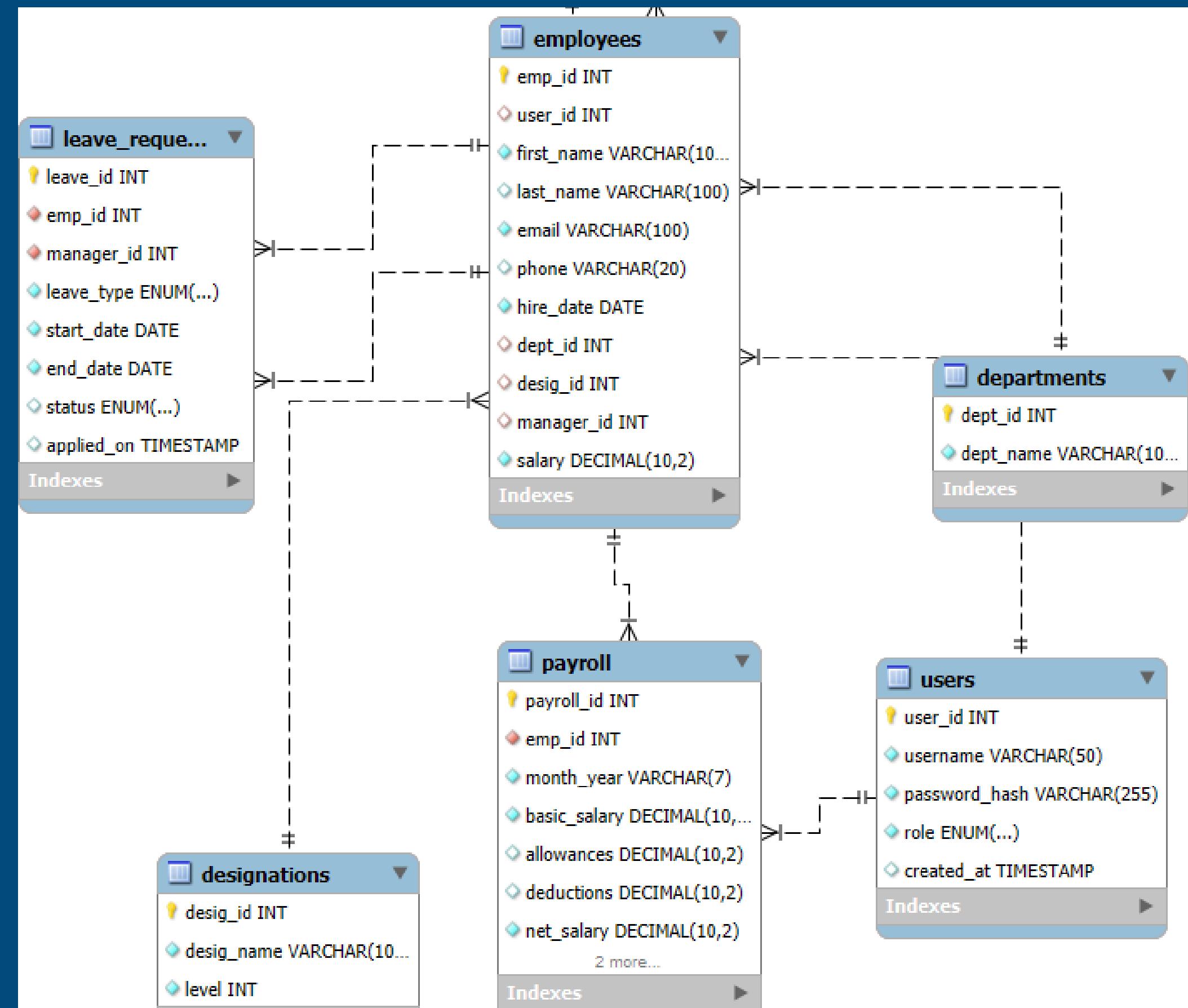
- **Eclipse** – Java backend development
- **VS Code** – Code editing and frontend development
- **Postman** – API testing



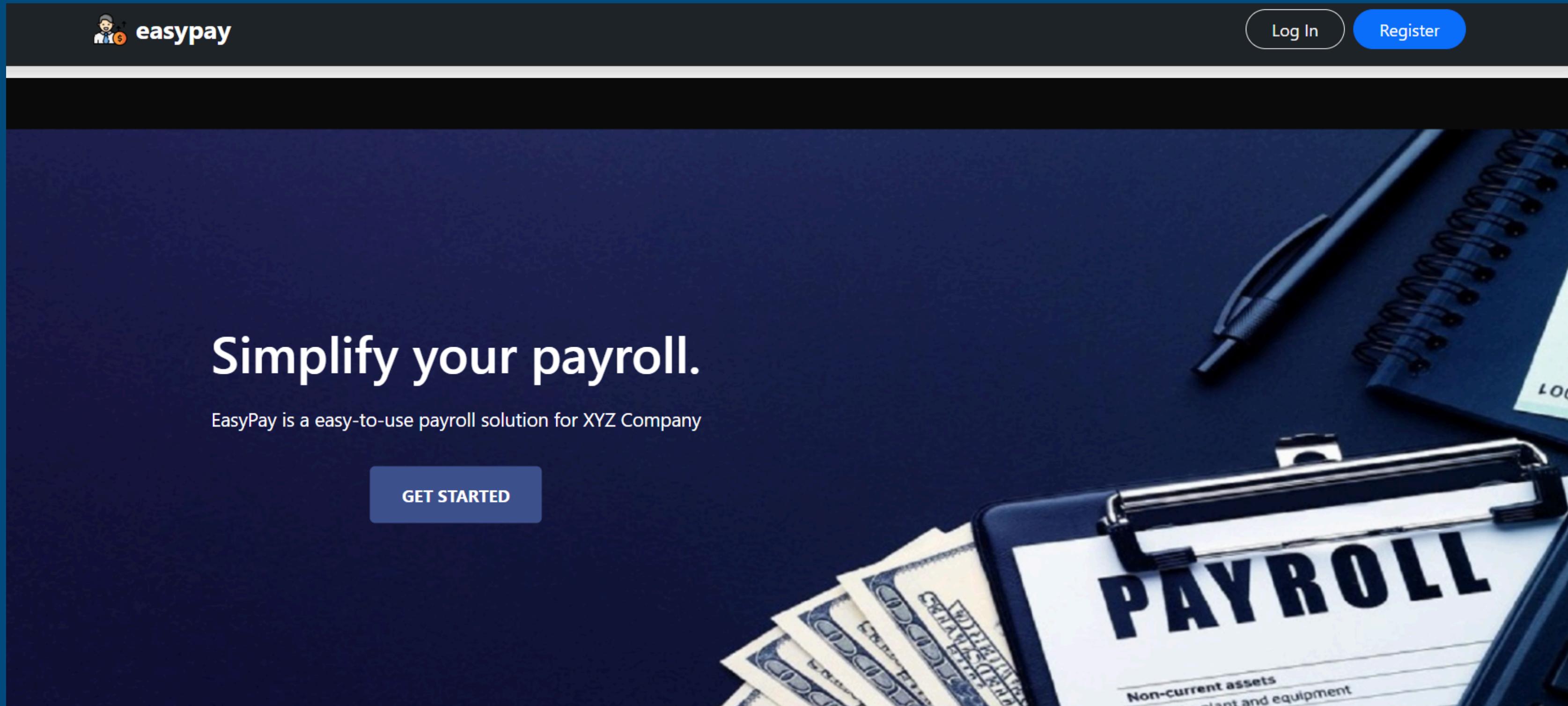
# USE CASE DIAGRAM



# ER DIAGRAM



# HOME PAGE



The image shows a screenshot of the EasyPay home page. At the top left is the EasyPay logo, featuring a small icon of a person with a dollar sign and the word "easypay". At the top right are two buttons: "Log In" and "Register". The main visual is a dark blue background with a photograph of a spiral-bound notebook, a pen, and some US dollar bills. Overlaid on this image is the text "Simplify your payroll." in large white letters. Below it, smaller text reads "EasyPay is a easy-to-use payroll solution for XYZ Company". A blue button labeled "GET STARTED" is positioned at the bottom left. In the bottom right corner of the image, there is a close-up view of a document titled "PAYROLL" with the subtitle "Non-current assets" and "plant and equipment".

easypay

Log In Register

Simplify your payroll.

EasyPay is a easy-to-use payroll solution for XYZ Company

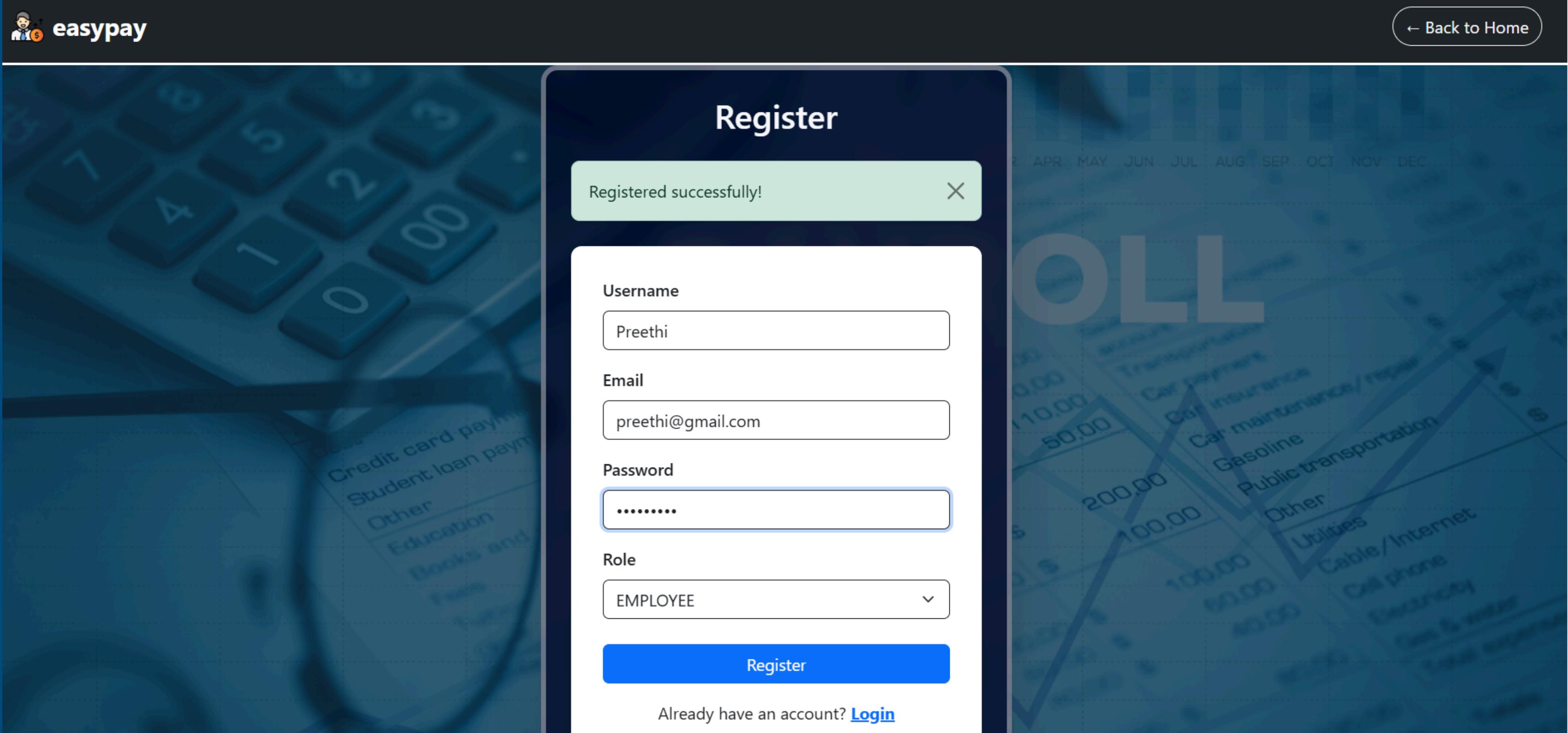
GET STARTED

PAYROLL

Non-current assets

plant and equipment

# REGISTER PAGE



 easypay

← Back to Home

## Register

Registered successfully! X

Username

Email

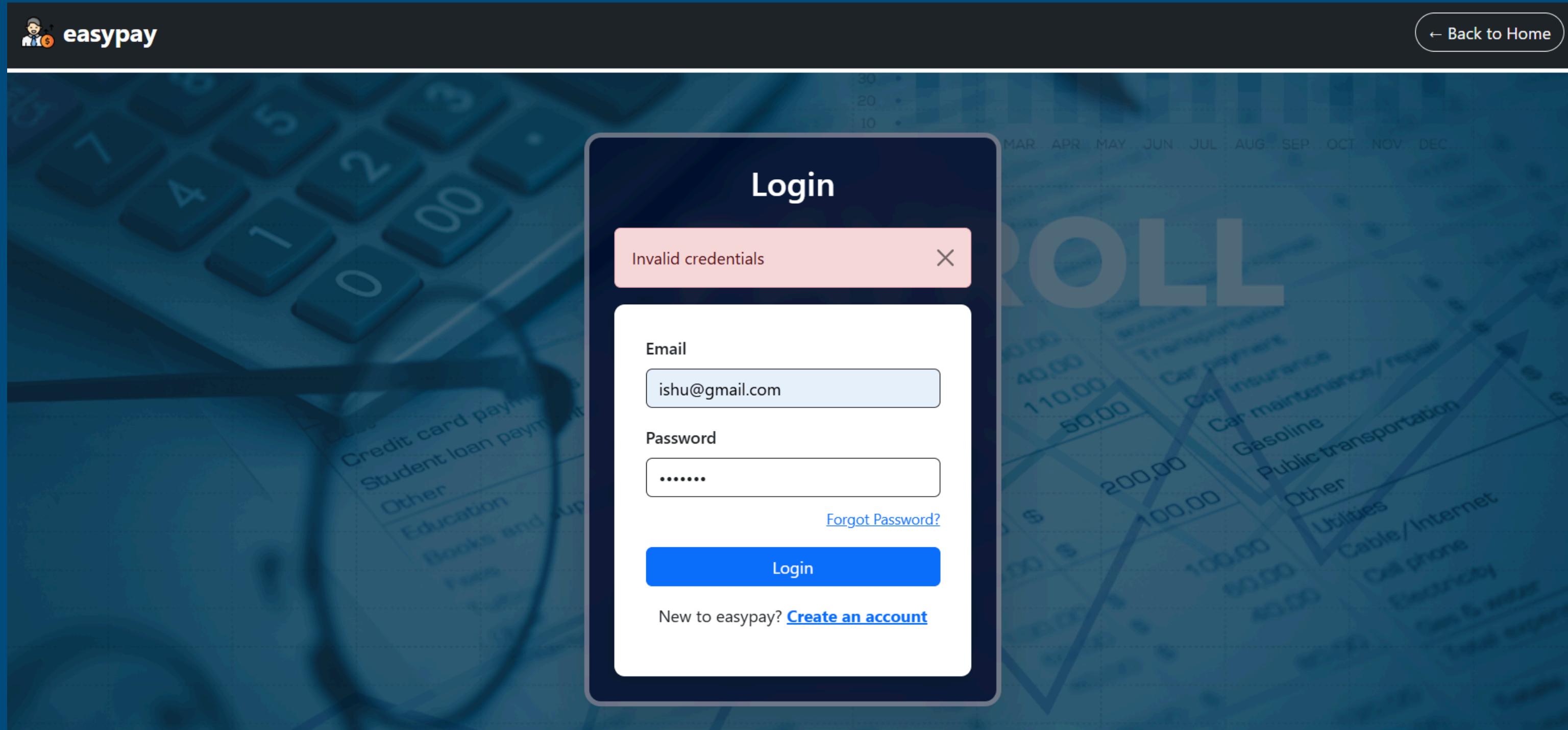
Password

Role

**Register**

Already have an account? [Login](#)

# LOGIN VALIDATION



# ADMIN PAGE

The background features a dark blue gradient with a faint watermark of a calculator and financial documents. A large, semi-transparent watermark reading "PAYROLL" is centered over the background.

**easypay**

Dashboard Payroll Employee Management User Management Logout

Welcome, RHAMYA!

Here's what you can do today to manage the Easypay Payroll System:

**Manage Employees**  
View, add, or remove employees in the system.

**Process Payroll**  
Check and process payroll to ensure timely payments.

**Add Manager Users**  
Create new manager accounts to assign system responsibilities.

[Dashboard](#)[Payroll](#)[Employee Management](#)[User Management](#)[Logout](#)

## User Management

### Users List

 [Download Excel](#) [Add User](#)

ID	Username	Role	Email	Actions
31	Rohita	ADMIN	rohita@gmail.com	<a href="#"> Edit</a> <a href="#"> Delete</a>
32	Rhamya	ADMIN	sri@gmail.com	<a href="#"> Edit</a> <a href="#"> Delete</a>
33	Sri	PAYROLL_PROCESSOR	srii@gmail.com	<a href="#"> Edit</a> <a href="#"> Delete</a>
34	Ishu	PAYROLL_PROCESSOR	ishu@gmail.com	<a href="#"> Edit</a> <a href="#"> Delete</a>
35	Tanya	MANAGER	tanya@gmail.com	<a href="#"> Edit</a> <a href="#"> Delete</a>
36	Kumar	MANAGER	kumar@gmail.com	<a href="#"> Edit</a> <a href="#"> Delete</a>
37	Leena	EMPLOYEE	leena@gmail.com	<a href="#"> Edit</a> <a href="#"> Delete</a>
38	Roshan	EMPLOYEE	roshan@gmail.com	<a href="#"> Edit</a> <a href="#"> Delete</a>

[Dashboard](#)[Payroll](#)[Employee Management](#)[User Management](#)[Logout](#)

Add, view, edit, or delete employees.

[View Employees](#)[Add Employee](#)[Search](#)[Reset](#)

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT

 [Download Excel](#)

ID	Name	Email	Phone	DOB	Joining Date	Department	Designation	Manager ID	Actions
128	Lakshmi T	lakshmi@gmail.com	9876543210	2003-01-21	2025-09-06	IT	Developer	36	<a href="#">Edit</a> <a href="#">Delete</a>
129	Roshan	roshan@gmail.com	9876543212	2002-01-23	2025-09-01	IT	Backend developer	36	<a href="#">Edit</a> <a href="#">Delete</a>
130	Leena K	leena@gmail.com	9876543213	2001-02-21	2025-09-08	IT	Data analysts	36	<a href="#">Edit</a> <a href="#">Delete</a>
131	Tanvi A	tanvi@gmail.com	9876543214	1999-06-15	2025-09-01	IT	Network Engineer	36	<a href="#">Edit</a> <a href="#">Delete</a>
132	Sneha D	sneha@gmail.com	9876543215	1997-10-21	2025-09-02	IT	Front end developer	36	<a href="#">Edit</a> <a href="#">Delete</a>
133	Vikram A	vikram@gmail.com	9876543216	2002-06-04	2025-09-02	Marketing	Content writer	35	<a href="#">Edit</a> <a href="#">Delete</a>
134	Priya K	priya@gmail.com	9876543217	1994-06-08	2025-09-02	Marketing	Digital Marketing Specialist	35	<a href="#">Edit</a> <a href="#">Delete</a>
135	Tina G	tina@gmail.com	9876543218	1992-12-03	2019-10-23	Marketing	Social Media Coordinator	35	<a href="#">Edit</a> <a href="#">Delete</a>

# EMPLOYEE PAGE

[Employee Details](#)[Leave Management](#)[Payroll Details](#)

Welcome, Leena K

[Logout](#)

## Employee Details

**Employee ID:**

130

**Name:**

Leena K

**Email:**

leena@gmail.com

**Phone:**

9876543213

**DOB:**

2001-02-21

**Joining Date:**

2025-09-08

**Department:**

IT

**Designation:**

Data analysts

**Manager ID:**

36

[Edit](#)

## Leave Management

Submit and view your leave requests.

[View Leave Requests](#)[Add Leave Request](#)

### My Leave Requests

ID	Name	Leave Type	Start Date	End Date	Status
130	Leena K	Maternity	2025-09-09	2025-09-17	Pending
130	Leena K	Sick	2025-09-15	2025-09-09	Approved
130	Leena K	Sick	2025-09-09	2025-09-09	Approved

## Payroll Details

View your payrolls

Payroll ID	Month	Year	CTC	Gross Pay	Deductions	Net Pay	Status
437	September	2025	600000	50000	0	46166.67	PENDING

# PAYROLL PROCESSOR



Easypay

[Dashboard](#)

[Payroll Management](#)

**WELCOME ISHU**

[Logout](#)

## Dashboard

### Process Payroll

Calculate salaries and process payroll for employees on time.

### Generate Payslips

Create and download payslips for employees for the current month.

## Payroll Management

[Add Payroll](#)[Download Excel](#)

ID	Employee ID	Name	Month	Year	CTC	Gross	Net	Status	Actions
435	128	Lakshmi T	May	2025	₹500000.00	₹41666.67	₹38750.00	PENDING	<a href="#">View</a> <a href="#">Delete</a>
436	129	Roshan	September	2025	₹599997.00	₹49999.75	₹46166.45	PENDING	<a href="#">View</a> <a href="#">Delete</a>
437	130	Leena K	September	2025	₹600000.00	₹50000.00	₹46166.67	PENDING	<a href="#">View</a> <a href="#">Delete</a>
439	131	Tanvi A	September	2025	₹700000.00	₹58333.33	₹53583.33	PENDING	<a href="#">View</a> <a href="#">Delete</a>
440	132	Sneha D	September	2025	₹400000.00	₹33333.33	₹31333.33	PENDING	<a href="#">View</a> <a href="#">Delete</a>
441	133	Vikram A	September	2025	₹350000.00	₹29166.67	₹27416.67	PENDING	<a href="#">View</a> <a href="#">Delete</a>
442	134	Priya K	August	2025	₹400000.00	₹33333.33	₹31333.33	PENDING	<a href="#">View</a> <a href="#">Delete</a>

[Logout](#)

## Payroll Details

[Back](#)**PAYROLL ID**

435

**EMPLOYEE ID**

128

**EMPLOYEE NAME**

Lakshmi T

**MANAGER ID**

-

**MONTH**

May

**YEAR**

2025

**LAST UPDATED**

8/9/2025, 9:42:19 am

**Salary Components****CTC**

500000.00

**BASIC SALARY**

20833.33

**DEARNESS ALLOWANCE**

2083.33

**HRA**

10416.67

**PF**

2500.00

**OTHER ALLOWANCES**

8333.33

**OTHER DEDUCTIONS**

0.00

**GROSS SALARY**

41666.67

**TAX**

0.00

# MANAGER

The image shows a screenshot of the Easypay Manager dashboard. At the top left is the Easypay logo with a small icon of a person holding a dollar sign. To the right are three navigation links: Dashboard, Payroll, and Leave Approval. On the far right is a red Logout button. Below the navigation is a large, bold "Welcome, Kumar!" message. Underneath it is a sub-message: "Here's what you can do today to manage your team effectively:". Two dark rectangular boxes contain the main functional areas: "Approve Leaves" (with a sub-instruction: "Review and approve pending leave requests from your team.") and "Manage Payroll" (with a sub-instruction: "Check and process payroll to ensure timely payments."). The background features a faint watermark of a financial chart with the word "PAYROLL" overlaid.

**easypay**

Dashboard    Payroll    Leave Approval    Logout

Welcome, Kumar!

Here's what you can do today to manage your team effectively:

**Approve Leaves**  
Review and approve pending leave requests from your team.

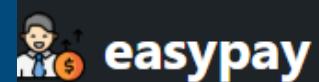
**Manage Payroll**  
Check and process payroll to ensure timely payments.

## Manage payroll records for your employees.

Search by Employee ID, Manager ID, CTC, Status, Month

[Search](#)[Reset](#)[Download Excel](#)

Payroll ID	Employee ID	Name	Month	Year	CTC	Gross Pay	Net Pay	Status	Actions
435	128	Lakshmi T	May	2025	₹500000.00	₹41666.67	₹38750.00	PENDING	<a href="#">Delete</a>
436	129	Roshan	September	2025	₹599997.00	₹49999.75	₹46166.45	PENDING	<a href="#">Delete</a>
437	130	Leena K	September	2025	₹600000.00	₹50000.00	₹46166.67	PENDING	<a href="#">Delete</a>
439	131	Tanvi A	September	2025	₹700000.00	₹58333.33	₹53583.33	PENDING	<a href="#">Delete</a>
440	132	Sneha D	September	2025	₹400000.00	₹33333.33	₹31333.33	PENDING	<a href="#">Delete</a>

[Dashboard](#)[Payroll](#)[Leave Approval](#)[Logout](#)

View, approve, or deny employee leave requests.

Search by Manager ID, Employee Name, Reason

[Search](#)[Reset](#)

ID	Employee ID	Employee Name	Reason	Start Date	End Date	Status	Actions
3	130	Leena K	Sick	2025-09-15	2025-09-09	Approved	<a href="#">Edit</a> <a href="#">Delete</a>
5	130	Leena K	Sick	2025-09-09	2025-09-09	Approved	<a href="#">Edit</a> <a href="#">Delete</a>



**THANK  
YOU**

