

#### A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

Data Science



## PayTrack: Expenditure Tracker

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> Project Guide Ms.Rajashri Chaudhari

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### 1. Introduction

• Efficient Employee Payment Management:

The payroll system automates the calculation of employee salaries, Allowance, and deductions.

Compliance and Reporting

### **Problem Identification for a Payroll System**

- 1. Manual Calculation Errors
- 2. Time-Consuming
- 3. Lack of Data Security
- 4. Compliance Issues

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### Proposed Solution for a PayTrack System Using Java:

- 1. Automated Payroll Calculation
- 2. Employee Management Module
- 4. Deduction & Allowance Calculation
- 5.Generates Reports of Salary Slips, Staff Information & Deduction/Allowance

## 2. Objectives

The objectives of an PayTrack System include:

- 1. Accuracy in Payroll Processing: To Ensure precise calculation of employee wages, deductions and benefits, minimizing errors and discrepancies in payment.
- 2. Time and Cost Efficiency: To automate payroll tasks to reduce manual effort, save time, and lower administrative costs associated with payroll management.
- **3. Compliance with Regulations**: To maintain compliance with labor regulations, and other legal requirements to avoid penalties and legal issues.
- **4. Employee Satisfaction**: To Provide timely and transparent payroll processing, ensuring employees receive their wages on time and can access detailed payslips.

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**5.Easy Reporting and Record-Keeping**: To generate payroll reports for management, audits, and government filings, ensuring all payroll-related data is easily accessible and organized

# 3. Scope

### The Employee PayTrack System project:

#### Can be applied in:

- 1. Medium, and Large Enterprises
- 2. Government Organizations
- 3. Educational Institutions
- 4. Healthcare Facilities

#### Can be useful for:

- 1.HR Departments
- 2. Finance and Accounting Teams
- 3. Business Owners

## 4. Features

- 1. The system uses a MySQL for you to store your registered data.
- 2. When entering in **Gross** field, the system will automatically calculate the other expenses.
- 3. In registering a data, the user must provide a valid employee name.
- 4. The system also can calculate the over time by entering a specific hours in the field.

# 5. Outcome of Project

- 1. Payroll Calculation Run Payroll: Based on approved attendance data, salary structure, and deductions, the system calculates net pay for each employee.
- **2. Payslip Generation** Generate Payslips: Create detailed payslips showing gross salary, deductions, and net pay for each employee.

# 6. Technology Stack

- 1. This Java-based expense management system features a GUI for easy budgeting.
- 2. It utilizes MySQL for data storage, automatically calculating expenses and potential payments based on gross input, designed for simplicity and skill development in Java programming.
- 3. When the Data is entered, it will automatically calculate all the other expenses and possible payable.

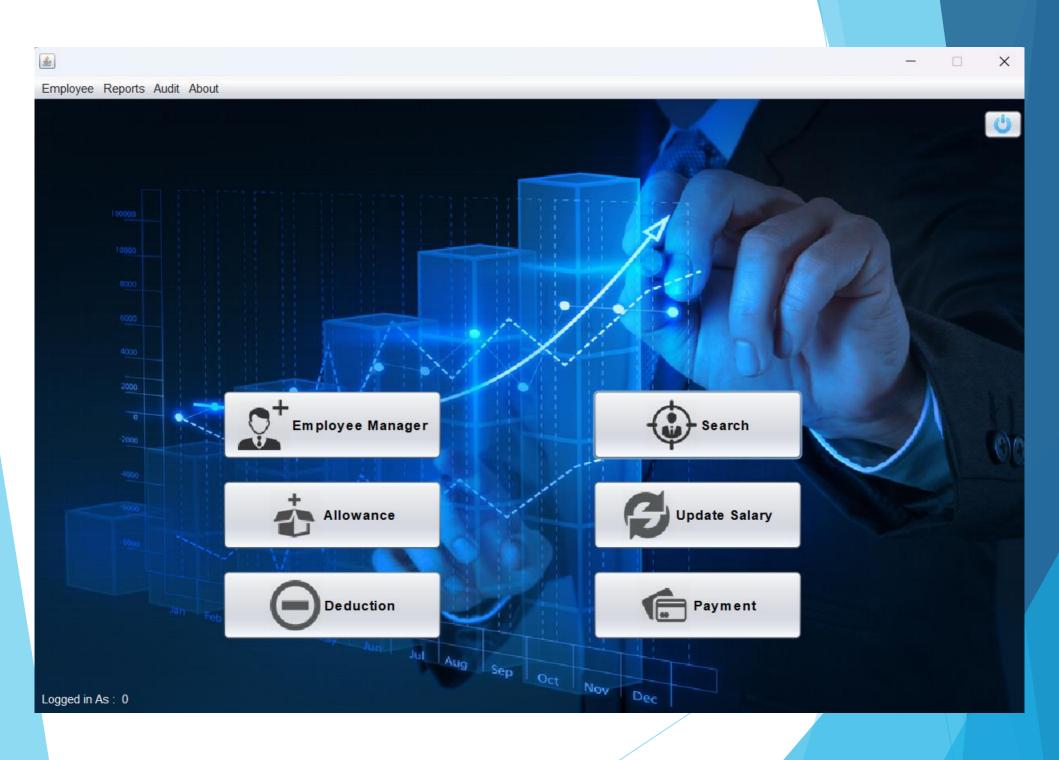


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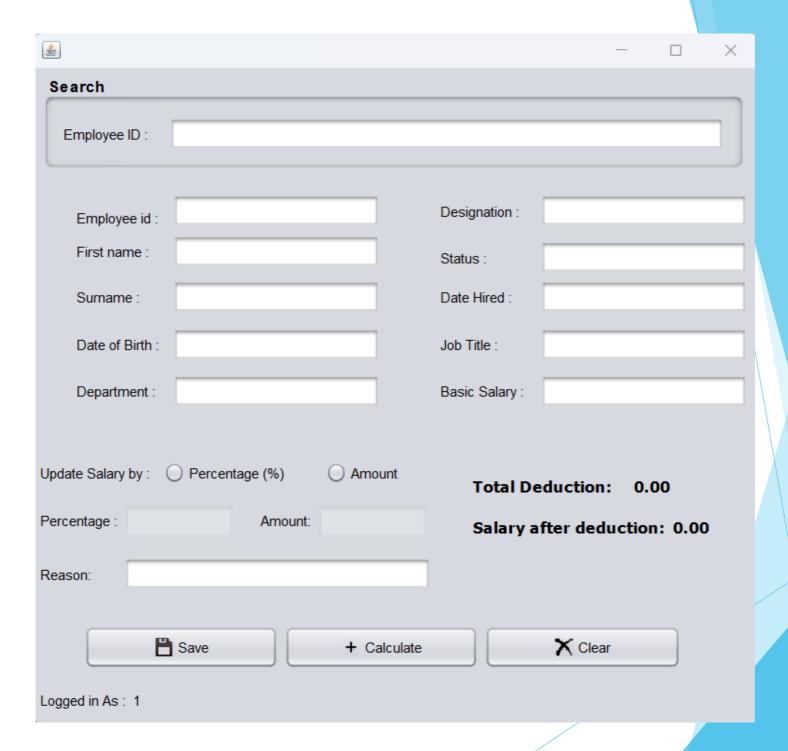
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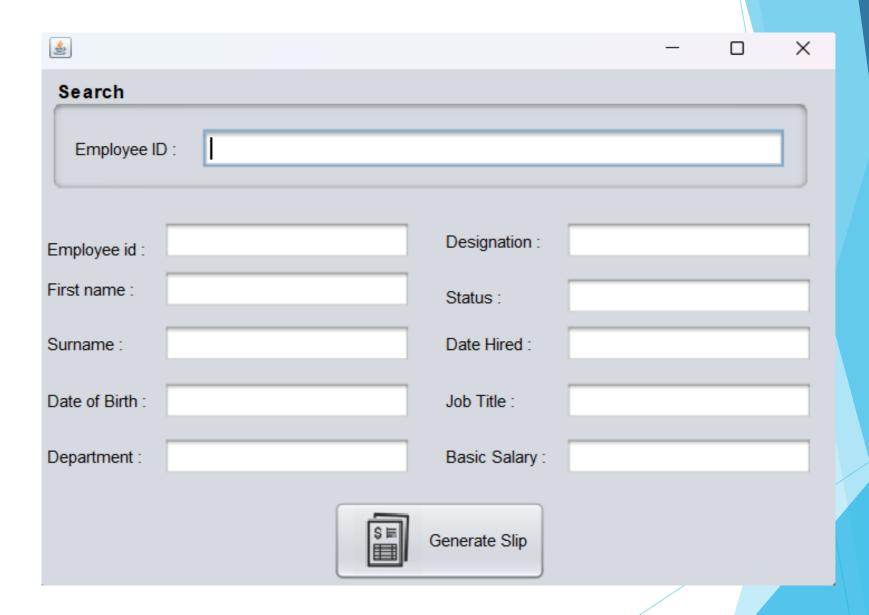




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Thank You...!!