PAYROLL SYSTEMS

PURPOSE OF THE PROJECT

**Objective**: To create a simple payroll system that collects employee data, calculates salaries based on worked days and tax rates, and generates payroll reports.

**Core Features:**

* **Employee Data Input**:
  + Collects basic employee information such as:
    - **Employee ID**
    - **Name**
    - **Worked day**
    - **Salary calculations**
    - **Tax Calculation**

**Salary Calculation**:

* **Gross Pay**: Calculated by adding (basicpay+allowance)-Tax Deduction
* **Tax Deduction**: calculated by adding PF+Tax
* **Deduction**-calculate deduction using number of working days

**Payroll Report Generation**:

* Displays a detailed report showing each employee’s:
  + **Employee ID**
  + **Employee Name**
  + **BasicPay**
  + Allowance
  + PF
  + TAX
  + Gross pay
* **Multiple Employees Handling**:
  + The system allows the input of multiple employees’ data.
  + Generates payroll reports for all entered employees.

Flow diagram –

Enter employee number

|

employee details

|

Enter salary details

|

Salary calculation

|

Enter number of working days

|

Display payslip of employee

**System Workflow:**

* **Data Input**:
  + The user enters information for each employee (ID, name, worked, hourly rate, and tax rate).
* **Salary Calculation**:
  + The system calculates gross pay, tax deduction for each employee.
* **Payroll Report Generation**:
  + After collecting data for all employees, the system generates and displays a detailed payroll report showing salary details for each employee.