

Code for payroll management system:

-- Create tables for employee details

```
CREATE TABLE Employees (  
    EmployeeID INT AUTO_INCREMENT PRIMARY KEY,  
    FirstName VARCHAR (50),  
    LastName VARCHAR (50),  
    Email VARCHAR (100),  
    Phone VARCHAR (20),  
    Hire Date DATE,  
    Department VARCHAR (50),  
    Position VARCHAR (50),  
    Salary DECIMAL (10,2) -- assuming fixed salary for simplicity  
);
```

-- Create table for tax information

```
CREATE TABLE Taxes (  
    TaxID INT AUTO_INCREMENT PRIMARY KEY,  
    Tax Name VARCHAR (50),  
    Tax Rate DECIMAL (5,2) -- tax rate in percentage  
);
```

-- Create table for payroll processing

```
CREATE TABLE Payroll (  
    PayrollID INT AUTO_INCREMENT PRIMARY KEY,  
    EmployeeID INT,  
    PayDate DATE,  
    Hours Worked DECIMAL (5,2), -- optional if you need to track hourly employees  
    GrossPay DECIMAL (10,2),  
    Net Pay DECIMAL (10,2),  
    Tax Amount DECIMAL (10,2),
```

```
FOREIGN KEY (EmployeeID) REFERENCES Employees (EmployeeID)
);
```

-- Create table for mapping employees to taxes

```
CREATE TABLE Employee Taxes (
    EmployeeID INT,
    TaxID INT,
    FOREIGN KEY (EmployeeID) REFERENCES Employees (EmployeeID),
    FOREIGN KEY (TaxID) REFERENCES Taxes (TaxID)
);
```

Output:

1. Employees Table:

EmployeeID	FirstName	LastName	Email	Phone	HireDate	Department
1	John	Doe	john.doe@example.com	123-456-789	2023-01-15	IT
2	Alice	Smith	alice.smith@example.com	987-654-321	2023-03-20	HR

1. Taxes Table:

TaxID	TaxName	TaxRate
1	Federal Tax	20.00
2	State Tax	5.00

1. Payroll Table:

PayrollID	EmployeeID	PayDate	HoursWorked	GrossPay	NetPay	TaxAmount
1	1	2023-04-15	0.00	5000.00	4000.00	1000.00
2	2	2023-04-15	0.00	6000.00	5000.00	1000.00

1. EmployeeTaxes Table:

EmployeeID	TaxID
1	1
1	2
2	1
2	2