

SCHEMA:

```
REATE DATABASE payXpert;  
USE payXpert;
```

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY AUTO_INCREMENT,  
    FirstName VARCHAR(50) NOT NULL,  
    LastName VARCHAR(50) NOT NULL,  
    DateOfBirth DATE NOT NULL,  
    Gender VARCHAR(1) NOT NULL,  
    Email VARCHAR(100) UNIQUE NOT NULL,  
    PhoneNumber VARCHAR(15) UNIQUE NOT NULL,  
    Address VARCHAR(200) NOT NULL,  
    Position VARCHAR(50) NOT NULL,  
    JoiningDate DATE NOT NULL,  
    TerminationDate DATE );
```

```
CREATE TABLE Payroll (  
    PayrollID INT PRIMARY KEY ,  
    EmployeeID INT,  
    PayPeriodStartDate DATE NOT NULL,  
    PayPeriodEndDate DATE NOT NULL,  
    BasicSalary BIGINT NOT NULL,  
    OvertimePay BIGINT NOT NULL,  
    Deductions BIGINT NOT NULL,  
    NetSalary BIGINT NOT NULL,  
    FOREIGN KEY (EmployeeID) REFERENCES Employee(EmployeeID) );
```

```
CREATE TABLE Tax (  
    TaxID INT PRIMARY KEY ,  
    EmployeeID INT,  
    TaxYear INT NOT NULL,  
    TaxableIncome BIGINT NOT NULL,  
    TaxAmount BIGINT NOT NULL,  
    FOREIGN KEY (EmployeeID) REFERENCES Employee(EmployeeID) );
```

```
CREATE TABLE FinancialRecord (  
    RecordID INT PRIMARY KEY ,  
    EmployeeID INT,  
    RecordDate DATE NOT NULL,  
    fDescription VARCHAR(500) NOT NULL,  
    Amount BIGINT NOT NULL,  
    RecordType ENUM('Income', 'Expense', 'Tax Payment') NOT NULL,  
    FOREIGN KEY (EmployeeID) REFERENCES Employee(EmployeeID) );
```

ER DIAGRAM:

