

```
CREATE TABLE `payroll`.`company` (  
  `Company_ID` INT NOT NULL AUTO_INCREMENT,  
  `Cname` VARCHAR(45) NOT NULL,  
  `Location` VARCHAR(45) NOT NULL,  
  PRIMARY KEY (`Company_ID`)  
  UNIQUE INDEX `Department_ID_UNIQUE` (`Department_ID` ASC) VISIBLE);
```

```
CREATE TABLE `payroll`.`department` (  
  `Department_ID` INT NOT NULL AUTO_INCREMENT,  
  `Dname` VARCHAR(45) NOT NULL,  
  `CID` INT NOT NULL,  
  PRIMARY KEY (`Department_ID`),  
  UNIQUE INDEX `Department_ID_UNIQUE` (`Department_ID` ASC) VISIBLE  
  INDEX `CID_idx` (`CID` ASC) VISIBLE,  
  CONSTRAINT `CID`  
    FOREIGN KEY (`CID`)  
    REFERENCES `payroll`.`company` (`Company_ID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION);
```

```
CREATE TABLE `payroll`.`employee` (  
  `EmployeeID` INT(6) UNSIGNED NOT NULL,  
  `Fname` VARCHAR(45) NOT NULL,  
  `Minit` VARCHAR(45) NULL,  
  `Lname` VARCHAR(45) NOT NULL,  
  `Company_ID` INT NOT NULL,  
  `DID` INT NOT NULL,  
  PRIMARY KEY (`EmployeeID`),  
  UNIQUE INDEX `EmployeeID_UNIQUE` (`EmployeeID` ASC) VISIBLE,  
  INDEX `CID_idx` (`Company_ID` ASC) VISIBLE,  
  INDEX `DID_idx` (`DID` ASC) VISIBLE,  
  CONSTRAINT `Company_ID`  
    FOREIGN KEY (`Company_ID`)  
    REFERENCES `payroll`.`company` (`Company_ID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `DID`  
    FOREIGN KEY (`DID`)  
    REFERENCES `payroll`.`department` (`Department_ID`)  
    ON DELETE NO ACTION
```

ON UPDATE NO ACTION);

```
CREATE TABLE `payroll`.`performance` (  
  `Performance_ID` INT NOT NULL AUTO_INCREMENT,  
  `SpeedTests` TIME NULL,  
  `Employee_ID` INT (6) UNSIGNED NOT NULL,  
  PRIMARY KEY (`Performance_ID`),  
  UNIQUE INDEX `Performance_ID_UNIQUE` (`Performance_ID` ASC) VISIBLE,  
  INDEX `Employee_ID_idx` (`Employee_ID` ASC) VISIBLE,  
  CONSTRAINT `Employee_ID`  
    FOREIGN KEY (`Employee_ID`)  
    REFERENCES `payroll`.`employee` (`EmployeeID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION);
```

```
CREATE TABLE `payroll`.`payout` (  
  `PaystubID` INT(3) NOT NULL,  
  `EID` INT (6) UNSIGNED NOT NULL,  
  PRIMARY KEY (`PaystubID`),  
  UNIQUE INDEX `PaystubID_UNIQUE` (`PaystubID` ASC) VISIBLE,  
  INDEX `EID_idx` (`EID` ASC) VISIBLE,  
  CONSTRAINT `EID`  
    FOREIGN KEY (`EID`)  
    REFERENCES `payroll`.`employee` (`EmployeeID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION);
```

```
CREATE TABLE `payroll`.`salary` (  
  `Salary_ID` INT NOT NULL AUTO_INCREMENT,  
  `baseSalary` INT NOT NULL,  
  `bonus` INT NULL,  
  `EmpID` INT(6) UNSIGNED NOT NULL,  
  `PID` INT(3) NOT NULL,  
  PRIMARY KEY (`Salary_ID`),  
  UNIQUE INDEX `Salary_ID_UNIQUE` (`Salary_ID` ASC) VISIBLE,  
  INDEX `EmpID_idx` (`EmpID` ASC) VISIBLE,  
  INDEX `PID_idx` (`PID` ASC) VISIBLE,  
  CONSTRAINT `EmpID`  
    FOREIGN KEY (`EmpID`)  
    REFERENCES `payroll`.`employee` (`EmployeeID`)
```

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ON DELETE NO ACTION
ON UPDATE NO ACTION,
CONSTRAINT `PID`
FOREIGN KEY (`PID`)
REFERENCES `payroll`.`payout` (`PaystubID`)
ON DELETE NO ACTION
ON UPDATE NO ACTION);
```

```
CREATE TABLE `payroll`.`leavep` (
`leaveID` INT(5) UNSIGNED NOT NULL,
`leavePay` INT NOT NULL,
`fromDate` DATE NOT NULL,
`toDate` DATE NOT NULL,
`Em_ID` INT(6) UNSIGNED NOT NULL,
`Ps_ID` INT(3) NOT NULL,
PRIMARY KEY (`leaveID`),
UNIQUE INDEX `leaveID_UNIQUE` (`leaveID` ASC) VISIBLE,
INDEX `Em_ID_idx` (`Em_ID` ASC) VISIBLE,
INDEX `Ps_ID_idx` (`Ps_ID` ASC) VISIBLE,
CONSTRAINT `Em_ID`
FOREIGN KEY (`Em_ID`)
REFERENCES `payroll`.`employee` (`EmployeeID`)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
CONSTRAINT `Ps_ID`
FOREIGN KEY (`Ps_ID`)
REFERENCES `payroll`.`payout` (`PaystubID`)
ON DELETE NO ACTION
ON UPDATE NO ACTION);
```

```
CREATE TABLE `payroll`.`tax` (
`Tax_ID` INT NOT NULL AUTO_INCREMENT,
`StateTax` DECIMAL(5,2) NOT NULL,
`FederalTax` DECIMAL(5,2) NOT NULL,
`Co_ID` INT NOT NULL,
`E_ID` INT(6) UNSIGNED NOT NULL,
`P_ID` INT(3) NOT NULL,
PRIMARY KEY (`Tax_ID`),
UNIQUE INDEX `Tax_ID_UNIQUE` (`Tax_ID` ASC) VISIBLE,
INDEX `Co_ID_idx` (`Co_ID` ASC) VISIBLE,
```

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INDEX `E_ID_idx` (`E_ID` ASC) VISIBLE,
INDEX `P_ID_idx` (`P_ID` ASC) VISIBLE,
CONSTRAINT `Co_ID`
  FOREIGN KEY (`Co_ID`)
  REFERENCES `payroll`.`company` (`Company_ID`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `E_ID`
  FOREIGN KEY (`E_ID`)
  REFERENCES `payroll`.`employee` (`EmployeeID`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `P_ID`
  FOREIGN KEY (`P_ID`)
  REFERENCES `payroll`.`payout` (`PaystubID`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION);

```

```

CREATE TABLE `payroll`.`attendance` (
  `Attendance_ID` INT NOT NULL AUTO_INCREMENT,
  `Absences` INT NULL,
  `Tardies` INT NULL,
  `EmID` INT(6) UNSIGNED NOT NULL,
  `PaID` INT(3) NOT NULL,
  PRIMARY KEY (`Attendance_ID`),
  UNIQUE INDEX `Attendance_ID_UNIQUE` (`Attendance_ID` ASC) VISIBLE,
  INDEX `EmID_idx` (`EmID` ASC) VISIBLE,
  INDEX `PaID_idx` (`PaID` ASC) VISIBLE,
  CONSTRAINT `EmID`
    FOREIGN KEY (`EmID`)
    REFERENCES `payroll`.`employee` (`EmployeeID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
  CONSTRAINT `PaID`
    FOREIGN KEY (`PaID`)
    REFERENCES `payroll`.`payout` (`PaystubID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION);

```

```

CREATE TABLE `payroll`.`benefits` (

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```
`Benefits_ID` INT NOT NULL AUTO_INCREMENT,  
`Retirement` INT NULL,  
`Insurance` INT NULL,  
`EmployID` INT(6) UNSIGNED NOT NULL,  
`Pay_ID` INT(3) NOT NULL,  
PRIMARY KEY (`Benefits_ID`),  
UNIQUE INDEX `Benefits_ID_UNIQUE` (`Benefits_ID` ASC) VISIBLE,  
INDEX `EmployID_idx` (`EmployID` ASC) VISIBLE,  
INDEX `Pay_ID_idx` (`Pay_ID` ASC) VISIBLE,  
CONSTRAINT `EmployID`  
  FOREIGN KEY (`EmployID`)  
    REFERENCES `payroll`.`employee` (`EmployeeID`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION,  
CONSTRAINT `Pay_ID`  
  FOREIGN KEY (`Pay_ID`)  
    REFERENCES `payroll`.`payout` (`PaystubID`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION);
```