

- Employee (E_id, FirstName, LastName, Email, Address, Gender, OfficialDOff, YearsOfExp, NationalID, EmploymentStatus, Salary, TypeOfContract, EmergPhoneNum, EmergName, AnnualLeaveBal, AccidentalLeaveBal, HireDate, LastWdate, dep_name)

Employee.dep_name references Department.DepName

- Employee_phones(e_id, PhoneNum)

Employee_phones.e_id references Employee.E_id

- Replaces (e_id_1, e_id_2, StartDate, EndDate, approved)

Replaces.e_id_1 references Employee.E_id

Replaces.e_id_2 references Employee.E_id

- Department(DepName, BuildingLocation)
- Role(Rname, Title, Description, Rank, BaseSalary, InannualLeave, InaccidLeave, dep_name)

Role.dep_name references Department.DepName

- Role_increase_factor(SalaryIncFact, role_name)

Role_increase_factor.role_name references Role.Rname

- Role_overtime_factor (OvertimeFactors, role_name)

Role_overtime_factor.role_name references Role.Rname

- assigned_to(e_id, role_name)

assigned_to.e_id references Employee.E_id

assigned_to.role_name references Role.Rname

- Document (DocID, Type, Description, Filename, StorageLocation, Size, CreationDate, ExpDate, Status, e_id,)

Document.e_id references Employee.E_id

- Attendance (AttendanceID, Date, CheckIn, CheckOut, TotalDuration, e_id)

Attendance.e_id references Employee.E_id

Where Attendance.TotalDuration = Attendance.CheckOut – Attendance.CheckIn

- Payroll (PayID, Date, FinSalary, Comment, BonusAmount, DedAmount, FromDate, ToDate, e_id)

Payroll.e_id references Employee.E_id

- Payroll_comments (payroll_id, comment)

Payroll_comments references Payroll.PayID

- Deduction(DeductionId, e_id, Date, Amount, Type, Status, payroll_id, leave_id)

Deduction.e_id references Employee.E_id

Deduction.payroll_id references Payroll.PayID

Deduction.leave_id references Unpaid.RequestID

- Performance(ID, Rating, comments, e_id)

Performance.e_id references Employee.E_id

- Performance_comments(perf_id, comment)

Performance_comments.perf_id references Performance.ID

- Leave (RequestID, DateOfRequest, StartDate, EndDate, TotalNumOfDays, ApprovalStatus, Type)

Where Leave.TotalNumOfDays = Leave.EndDate – Leave.StartDate

- Approves(e_id, request_id)

Approves.e_id references Employee.E_id

Approves.request_id references Leave.RequestID

- Annual (req_id)

Annual.req_id references Leave.request_id

- Medical(req_id)

Medical.req_id references Leave.RequestID

- Accidental(req_id, e_id)
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Accidental.req_id references Leave.RequestID

Accidental.e_id references Employee.E_id

- Compensation(req_id)

Compensation.req_id references Leave.RequestID

- Unpaid (req_id, doc_id, e_id)

Unpaid.req_id references Leave.RequestID
Unpaid.doc_id references Document.DocID
Unpaid.e_id references Employee.E_id

- RequestMedical(req_id, Insurance, DisabilityDetails, Category, e_id)

RequestMedical.req_id references Leave.RequestID
RequestMedical.e_id references Employee.E_id

- RequestAnnual(req_id, ReplacementID, e_id)

RequestAnnual.req_id references Leave.RequestID
RequestAnnual.e_id references Employee.E_id

- RequestCompensation(req_id, OriginalDate, ReplacementID, Reason, e_id)

RequestCompensation.req_id references Leave.RequestID
RequestCompensation.e_id references Employee.E_id

- MedicalDoc(reqID, docID)

MedicalDoc.reqID references Medical.RequestID
MedicalDoc.docID references Document.DocID