User (abstract)

Attributes:
- id : int
- Username : String
- Password : String
- Email : String
- Role : String
- Phone : String

Methods:
- + login() : void
- + logout() : void
- + resetPassword() : void

Employee

Attributes:
- DateOfBirth : Date
- Address : String
- Position : String
- DateOfHiring : Date
- Salary : Double
- ChildrenCount : int
- SocialSecurityNumber : String

Methods:
- + requestLeave() : void
- + viewFamilyAllowance() : void

Admin

Methods:
- + manageEmployees() : void
- + approveLeaveRequest() : void
- + generateReports() : void
- + manageRecruitment() : void

HR

Methods:
- + createJobOffer() : void
- + manageCandidates() : void
- + reviewLeaveRequests() : void

LeaveRequest

Attributes:
- Id : int
- StartDate : Date
- EndDate : Date
- Reason : String
- Status: StatusEnumurations
- SupportingDocuments : String
- LeaveBalance: int

Methods:
- + requestLeave() : void
- + viewFamilyAllowance() : void

FamilyAllowance

Attributes:
- Id : int
- ChildrenCount: int
- AllowanceAmount: Double
- Salary: Double
- DateCalculated: Date

Absence

Attributes:
- Id : int
- Type : StatusEnumurations
- Date: Date
- Duration: int

(partially visible class)

Attributes:
- Id : in
- Title:
- Desc
- Requ
- Date
- Statu
- Valid

Relationships:
- Employee — LeaveRequest : demands, 0..1 — 0..*
- Employee — FamilyAllowance : Has, 1..1 — 0..*
- Employee — Absence : absent, 0..1 — 0..*
- HR — (job offer class) : creates, 1..1

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                                            │
                    ┌───────────────────────┤
                    │        JobOffer       │
                    ├───────────────────────┤
            nt      │
            : String │
            cription: String │
            uirements: String │
            ePosted: Date │
            us: StatusEnumarations │
            lityPeriod: Date │
                    ├───────────────────────┤
                    │                       │
                    │                       │
                    └───────────────────────┘
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