

Human Resource Management System

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Diagram Key

- Recruiting: 4 tables
- Interview: 5 tables
- Onboarding: 5 tables
- Authentication: 3 tables

| InterviewType | |
|---------------|---------------|
| LookupCode | PK |
| Description | nvarchar(128) |

| Interviewer | |
|---------------|------------------------|
| InterviewerId | PK |
| FirstName | nvarchar(128) NOT NULL |
| LastName | nvarchar(128) NOT NULL |
| EmployeeId | int |

| InterviewFeedback | |
|---------------------|---------------|
| InterviewFeedbackId | PK |
| Rating | int NOT NULL |
| Comment | nvarchar(max) |

| JobRequirement | |
|-------------------|---------------|
| JobRequirementId | PK |
| NumberOfPositions | int |
| Title | nvarchar(512) |
| Description | varchar |
| HiringManagerId | FK |
| HiringManagerName | Type |
| StartDate | Date |
| IsActivate | bit |
| ClosedOn | Date |
| ClosedReason | nvarchar(max) |
| CreatedOn | Date |
| JobCategory | Type |
| EmployeeType | Type |

| EmplooyeeCategory | |
|-------------------|---------------|
| LookupCode | PK |
| Description | nvarchar(512) |

| EmployeeStatus | |
|----------------|---------------|
| LookupCode | PK |
| Description | nvarchar(512) |
| ABBR | nvarchar(16) |

| Account | |
|-------------|------|
| UserId | PK |
| EmployeeId | int |
| Email | Type |
| RoleId | Type |
| FirstName | Type |
| LastName | Type |
| HashPassord | Type |
| Salt | Type |

| Interview | |
|-------------------|------|
| InterviewId | PK |
| RecruiterId | FK |
| SubmissionId | FK |
| InterviewTypeCode | FK |
| InterviewRound | int |
| ScheduledOn | Date |
| InterviewerId | FK |
| FeedbackId | FK |

| Recruiter | |
|-------------|------------------------|
| RecruiterId | PK |
| FirstName | nvarchar(128) NOT NULL |
| LastName | nvarchar(128) NOT NULL |
| EmployeeId | int |

| Submission | |
|----------------------|-----------------------------|
| SubmissionId | PK |
| JobRequirementId | FK, UNIQUE with CandidateId |
| CandidateId | FK |
| SubmittedOn | Date |
| SubmissionStatusCode | FK |
| ConfirmedOn | Date |
| RejectedOn | Date |

| SubmissionStatus | |
|------------------|---------------|
| LookupCode | PK |
| Description | nvarchar(512) |

| Candiddate | |
|-------------|-------------------------------|
| CandidateId | PK |
| FirstName | nvarchar(128) NOT NULL |
| MiddleName | Type |
| LastName | nvarchar(128) NOT NULL |
| Email | nvarchar(256) NOT NULL UNIQUE |
| ResumeURL | nvarchar(max) |

| Employee | |
|----------------------|------------------------|
| EmployeeId | PK |
| FirstName | nvarchar(128) NOT NULL |
| LastName | nvarchar(128) NOT NULL |
| MiddleName | nvarchar(128) |
| SSN | nvarchar(9) NOT NULL |
| HireDate | Date |
| EndDate | Date |
| EmployeeCategoryCode | FK |
| EmployeeStatusCode | FK |
| Address | nvarchar(max) |
| Email | nvarchar(max) NOT NULL |
| EmployeeRoleId | FK |

| EmployeeRole(Analyst/Developer etc.) | |
|--------------------------------------|----|
| LookupCode | PK |
| Name | FK |
| ABBR | FK |

| UserRole | |
|----------|----|
| Id | PK |
| UserId | FK |
| RoleId | FK |

| Role(Authorization) | |
|---------------------|---------------|
| RoleId | PK |
| Name | nvarchar(129) |
| Description | nvarchar(max) |

Potentially Link Interviews and Recruiting tables to be all included in Recruiting Microservice and have Dashboard Microservice with no DB just passing data and requesting from other Microservices

Ask about whether its ok to request employee info from onboarding every time or should we duplicate the DB in the other Microservices