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| FullName | Manar Bakhat |
| Period | 1 Jully -31 August |
| Technologies | ASP.NET Web API+ ANGULR (14) + SQL Server + Entity Framework |
| Topic | Intern management |
| Application’s Users | Candidate, administrator ,supervisor |
| Business requirements | * The candidate will enter his information (in html form) , and attach the CV , click in apply for internship button * When the candidate send his information , the status of his request is pending , * The administrator can see the candidate data, and files * The administrator will add details in case interview was done. * The administrator can change the status of candidate request (approved , rejected) * The administrator can choose who could be the supervisor of this intern. * The supervisor can see the information of the candidates assigned to him |

La table User :

A une relation un-à-un avec la table Role via la clé étrangère RoleId.

A une relation un-à-un avec la table Candidate via la clé étrangère CandidateId.

A une relation un-à-un avec la table Supervisor via la clé étrangère SupervisorId.

La navigation property Candidate permet d'accéder au candidat associé à l'utilisateur.

La navigation property Supervisor permet d'accéder au superviseur associé à l'utilisateur.

La table Candidate :

A une relation un-à-plusieurs avec la table AcademicQualification via la navigation property AcademicQualifications.

A une relation un-à-plusieurs avec la table Experience via la navigation property Experiences.

A une relation un-à-plusieurs avec la table Skill via la navigation property Skills.

A une relation un-à-un avec la table Request via la clé étrangère RequestId.

A une relation un-à-un avec la table Interview via la clé étrangère InterviewId.

A une relation un-à-un avec la table Supervisor via la clé étrangère SupervisorId.

La navigation property AcademicQualifications permet d'accéder aux qualifications académiques du candidat.

La navigation property Experiences permet d'accéder aux expériences du candidat.

La navigation property Skills permet d'accéder aux compétences du candidat.

La navigation property Request permet d'accéder à la demande associée au candidat.

La navigation property Interview permet d'accéder à l'entretien associé au candidat.

La navigation property Supervisor permet d'accéder au superviseur associé au candidat.

La table Request :

A une relation un-à-un avec la table Candidate via la clé étrangère CandidateId.

La navigation property Candidate permet d'accéder au candidat associé à la demande.

La table Interview :

A une relation un-à-un avec la table User (administrateur) via la clé étrangère AdministratorId.

La navigation property Administrator permet d'accéder à l'administrateur associé à l'entretien.

La table Supervisor :

A une relation un-à-plusieurs avec la table Candidate via la navigation property AssignedCandidates.

La navigation property AssignedCandidates permet d'accéder aux candidats assignés au superviseur.

details of the candidates assigned to them.

User and Role:

A User has a one-to-one relationship with a Role.

User model has a foreign key RoleId referencing the Role model.

User and Candidate:

A User has a one-to-one relationship with a Candidate.

User model has a foreign key CandidateId referencing the Candidate model.

User and Supervisor:

A User has a one-to-one relationship with a Supervisor.

User model has a foreign key SupervisorId referencing the Supervisor model.

Candidate and Request:

A Candidate has a one-to-one relationship with a Request.

Candidate model has a foreign key RequestId referencing the Request model.

Candidate and Interview:

A Candidate has a one-to-one relationship with an Interview.

Candidate model has a foreign key InterviewId referencing the Interview model.

Candidate and AcademicQualification:

A Candidate has a one-to-many relationship with AcademicQualification.

Candidate model has a collection of AcademicQualification entities.

Candidate and Experience:

A Candidate has a one-to-many relationship with Experience.

Candidate model has a collection of Experience entities.

Candidate and Skill:

A Candidate has a one-to-many relationship with Skill.

Candidate model has a collection of Skill entities.

Administrator and Interview:

An Administrator (User) has a one-to-many relationship with Interview.

User model has a collection of Interview entities.

Supervisor and Candidate:

A Supervisor has a one-to-many relationship with Candidate.

Supervisor model has a collection of Candidate entities.