

## **STAR TALENT**

### **Milestone: Logical Model (Relational Model)**

#### **Group 14**

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**Percentage of Effort Contributed by Student1: 50**

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The relations mentioned below each represent an entity. For ease of implementation, only the normalized design is captured.

**1. Client( ClientID, Name, Age, Gender, Email, Phone, Work\_Exp, Curr\_Comp\_Name, JobHistID, AgentID )**

The foreign keys JobHistID and AgentID refer to the corresponding Primary Keys in Agent and JobHistory Relations and can only contain NOT NULL values.

**2. JobHistory( JobHistID, JobID )**

The foreign key JobID refers to the corresponding Primary Key in the Job Relation and can only contain NOT NULL values.

**3. Job( JobID, JobDesc, DSkillGroupID, CompanyID )**

The foreign keys DSkillGroupID and CompanyID refer to the corresponding Primary Keys in DesiredSkills and Company Relations and can only contain NOT NULL values.

**4. DesiredSkills( DSkillGroupID, SkillID )**

The foreign key SkillID refers to the corresponding Primary Key in the Skills Relation and can only contain NOT NULL values.

**5. Agent( AgentID, Name, Address, Phone, Email, Gender, Age )**

**6. Company( CompanyID, Name )**

**7. Reviews( ReviewID, Comment, StarRating, JobID )**

The foreign key JobID refers to the corresponding Primary Key in the Job Relation and can only contain NOT NULL values.

**8. Skills( SkillID, Name, JobID )**

The foreign key JobID refers to the corresponding Primary Key in the Job Relation and can only contain NOT NULL values.

**9. Industry( IndID, Name )**

**10. FullTime( JobID )**

The foreign key JobID refers to the corresponding Primary Key in the Job Relation, since it is the primary key of this relation it can only contain NOT NULL values.

**11. PartTime( JobID )**

The foreign key JobID refers to the corresponding Primary Key in the Job Relation, since it is the primary key of this relation it can only contain NOT NULL values.

**12. Contract( JobID )**

The foreign key JobID refers to the corresponding Primary Key in the Job Relation, since it is the primary key of this relation it can only contain NOT NULL values.

**13. Associates( AgentID, CompanyID )**

The foreign keys AgentID and CompanyID refer to the corresponding Primary Keys in Agent and Company Relations, since together they form the Composite Primary Key, it can only contain NOT NULL values.

**14. CareerSwitch( CSID, FromInd, ToInd, TrainingID )**

The foreign key TrainingID refers to the corresponding Primary Key in the Job Relation and can only contain NOT NULL values.

**15. Courses( CourseGroupID, CourseID )**

**16. ClientSkills( ClientID, SkillID )**

The foreign keys ClientID and SkillID refer to the corresponding Primary Keys in Client and Skills Relations, since together they form the Composite Primary Key, it can only contain NOT NULL values.

**17. Assists( ClientID, AgentID, CSID )**

The foreign keys ClientID, AgentID and CSID refer to the corresponding Primary Keys in Client, Agent and CareerSwitch Relations, since together they form the Composite Primary Key, it can only contain NOT NULL values.

**18. Feedback( ReviewID, ClientID, CompanyID )**

The foreign keys ReviewID, ClientID and CompanyID refer to the corresponding Primary Keys in Client, Review and Company Relations, since together they form the Composite Primary Key, it can only contain NOT NULL values.

**19. Training( TrainingID, CourseGroupID, DSkillGroupID )**

The foreign keys TrainingID, CourseGroupID and DSkillGroupID refer to the corresponding Primary Keys in Training, Courses and DesiredSkills Relations, since together they form the Composite Primary Key, it can only contain NOT NULL values.