E-R Modeling from the Problem Statements

From the following problem statement identify the possible entity sets, their attributes, and relationships.

SE VLabs Inc. is a young company with a few departments spread across the country. As of now, the company has a strength of 200+ employees.

Each employee works in a department. While joining, a person has to provide a lot of personal and professional details including name, address, phone #, mail address, date of birth, and so on. Once all these information are furnished, a unique ID is generated for each employee. He is then assigned a department in which he will work.

There are around ten departments in the company. Unfortunately, two departments were given same names. However, departments too have ID's, which are unique.

Note: Try to use the features of the interface provided to capture as much details as possible.

Submit

Table #1: Add entities

Entity	Weak	Add
	☐	Add

Table #2: Add attributes for each entity

Entity	Attribute	Primary Key	Add
Department		☐	Add

Table #3: Define relationship between two entities

Entity	Relation	Entity	Constraint	Add
Empioyee		Department	Many To One	Add

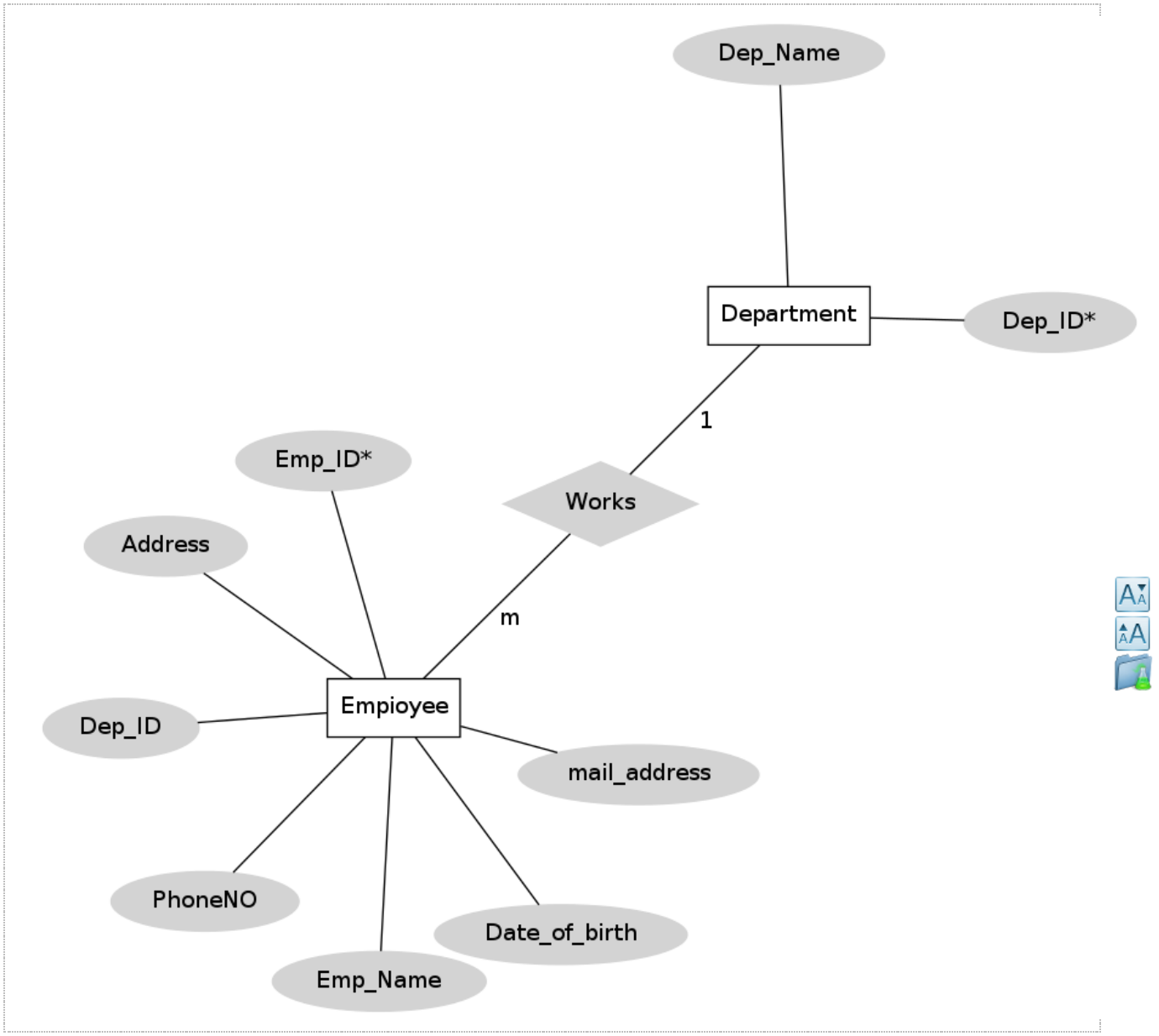
Table #4: Entities and their attributes

Entity	Attributes	Weak
Empioyee	• Emp_ID • PhoneNO • Address • mail_address • Date_of_birth • Dep_ID • Emp_Name	No
Department	• Dep_ID • Dep_Name	No

Table #5: Relationships between entities

Entity	Relation	Entity	Constraint Type	Remove
Empioyee	Works	Department	Many To One	

Draw



Result