

# HR Management System Project

## Employee Table :

This table is about Employees data , It has employee's [ ID [ **Primary Key** ] , First and Last Name , Email , Password , Address , Mobile , Working hour , Salary ] , Also there is a relation between Table Employee and Table Department it is (One To Many) , So Employee table has ( Dep\_Id ) as a **Foreign Key** references to ( Dep\_ID ) in table Department .

## Department Table :

This table is about Department data , It has department's [ ID [ **Primary Key** ] , Name , Location ] , And it has column called ( Dep\_Manager ) is (One To Many) a **Foreign Key** .

## Meeting Table :

This table is about Meetings data , It has meeting's [ ID [ **Primary Key** ] , Date , Email , Duration , Location ] , Also has column called ( Meeting\_Leader ) is (One To Many) a **Foreign Key** .

## Emp-Meeting Table :

There is relation between **Employee** Table and **Meeting** Table , The relation is ( Many to Many ) it needs a third table to contain both of table IDs , So we create this table to have those IDs and make the relation between two tables , It has ( Emp\_ID ) and ( Meeting\_ID ) as two **Foreign Keys** reference to their IDs in tables and the table itself is a **Primary Key** .

## Training Table :

This table is about Trainings data , It has training's [ ID [ **Primary Key** ] , Title , Description ] , There will be trainings for new employees ( trainees ) , So we create this table to hold all of data about those trainings .

## Training-Team Table :

There is relation between **Employee** Table and **Training** Table , The relation is ( Many to Many ) it needs a third table to contain both of table IDs , So we create this table to have those IDs and make the relation between two tables , It has ( Emp\_ID ) and ( Training\_ID ) as two **Foreign Keys** reference to their IDs in tables and the table itself is a **Primary Key** , Also it has Integer column called ( Team\_Or\_Emp ) to separate between Trainer and Trainee .

## Evaluation Table :

This table is about Evaluation data , It has evaluation's [ ID [ **Primary Key** ] , Eval Value , Feedback ] , Also there is a relation between Table Employee and Table Evaluation it is (One To Many) , So Evaluation table has ( Emp\_ID ) as a **Foreign Key** references to ( Emp\_ID ) in table Employee .

### Interview Table :

This table is about Interview data , It has interview's [ ID [ **Primary Key** ] , Date , Result ] , Also there is a relation between Table Interviewee and Table Interview it is (One To Many) , So Interview table has ( Interviewee\_ID ) as a **Foreign Key** references to ( Interviewee\_ID ) in table Interviewee and ( HR\_Emp\_ID ) as a **Foreign Key** also .

### Interviewee Table :

This table is about Interviewee data , It has interviewee's [Interviewee\_ID [ **Primary Key** ] , First and Last Name , Email , Address , Mobile ] , We create it to hold all the data about interviewee .

### Reward Table :

This table is about Reward data , It has reward's [ ID [ **Primary Key** ] , Bonus , punishment , Value , Result , Reason ] , We create it to contain the rewards for perfect employees , So there is a relation between Table Employee and Table Reward it's ( One To Many ) , it has ( Emp\_ID ) as a **Foreign Key** references to ( Emp\_ID ) in table Employee .