# RELATIONAL MODEL

## -(ER TO RELATIONAL MODEL MAPPING)
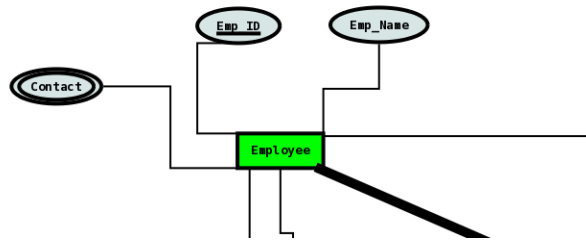


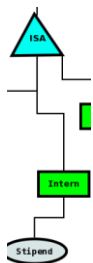**Employees :-**

| Emp_ID | Emp_Name | Email_id | Contact |
|---|---|---|---|
| Int | Char(20) | Char(20) | Int |
| Primary key | Not Null | Not Null | Not Null |

**Full Time Employee :-**
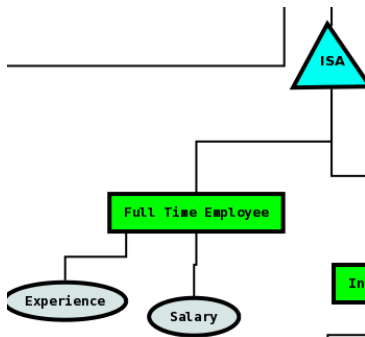


| Emp_ID | Emp_Name | Contact | Experience | Salary | Email_id |
|---|---|---|---|---|---|
| Int | Char(20) | Int | Int | Int | Char(20) |
| Primary Key | Not Null | Not Null | Not Null | Not Null | Not Null |

**Intern:-**

| Emp_ID | Emp_Name | Contact | Stipend | Email_id |
|---|---|---|---|---|
| Int | Char(20) | Int | Int | Char(20) |
| Primary Key | Not Null | Not Null | Not Null | Not Null |

**Hourly Employee:-**
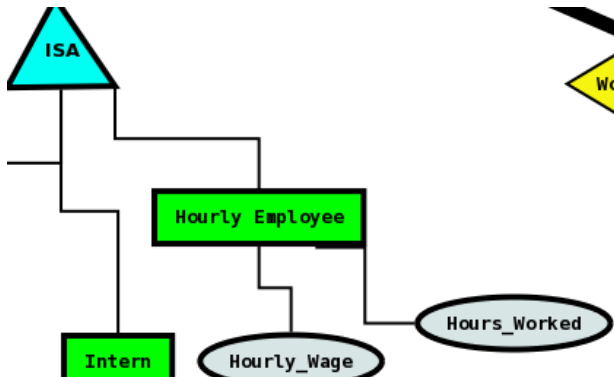


| Emp_ID | Emp_Name | Contact | Hourly_Wage | Hours_worked | Email_id |
|---|---|---|---|---|---|
| Int | Char(20) | Int | Int | Int | Char(20) |
| Primary Key | Not Null | Not Null | Not Null | Not Null | Not Null |

**Candidate:-**
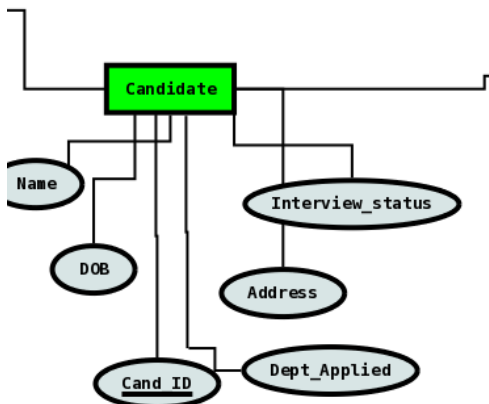


| Name | DOB | Cand_ID | Email_id | Interview_Status | Dept_Applied |
|---|---|---|---|---|---|
| Char(10) | Int | Int | Char(20) | Char(10) | Char(20) |
| Not Null | Not Null | Primary Key | Not Null | Not Null | Not Null |

**Company:-**
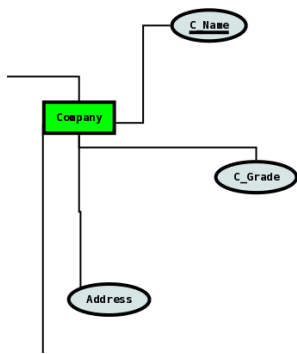
| Name | grade | Pincode | City | State |
|------|-------|---------|------|-------|
| Char(10) | Char(10) | Int (6) | Char(20) | Char(20) |
| Primary Key | Not Null | Not Null | Not Null | Not Null |

**Location:-**
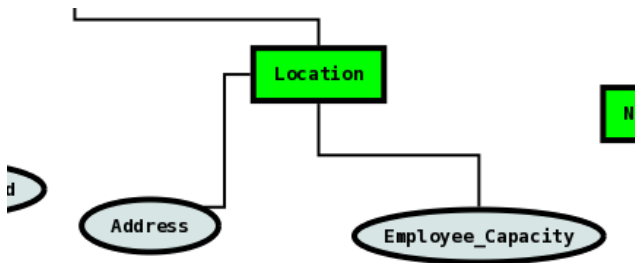


| Pincode | City | State | Employee_Capacity |
|---------|------|-------|-------------------|
| Int(6) | Char(20) | Char(20) | Int |
| Primary Key | Not Null | Not Null | Not Null |

**Department:-**
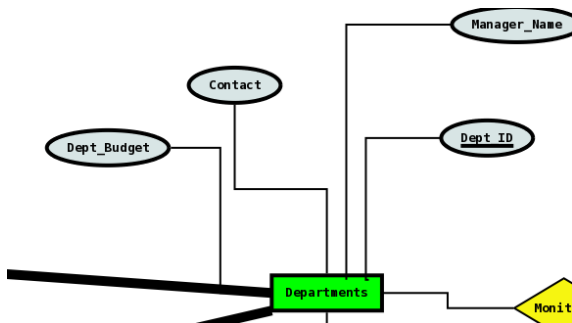


| Dept_ID | Manager_Name | Dept_Budget |
|---------|--------------|-------------|
| Int | Char(10) | Int |
| Primary Key | Not Null | Not Null |

**NON-HR Department:-**
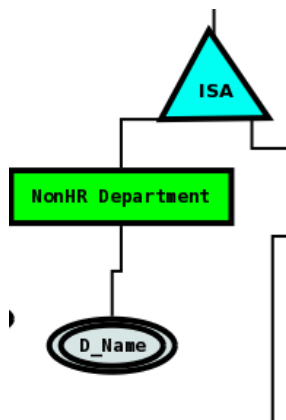


| Dept_ID | Manager_Name | Dept_Budget | Dept_Name |
|---------|--------------|-------------|-----------|
| Int | Char(10) | Int | Char(10) |
| Primary Key | Not Null | Not Null | Not Null |

**HR_Department:-**
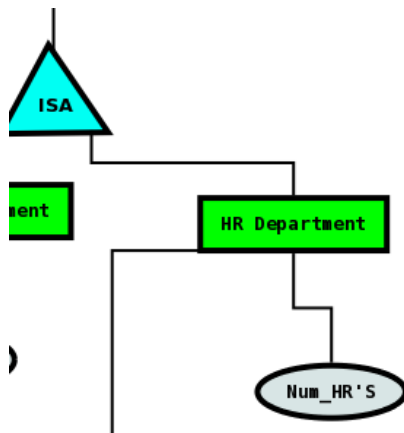


| Dept_ID | Manager_Name | Dept_Budget | Num_HR's |
|---------|--------------|-------------|----------|
| Int | Char(10) | Int | Int |
| Primary Key | Not Null | Not Null | Not Null |