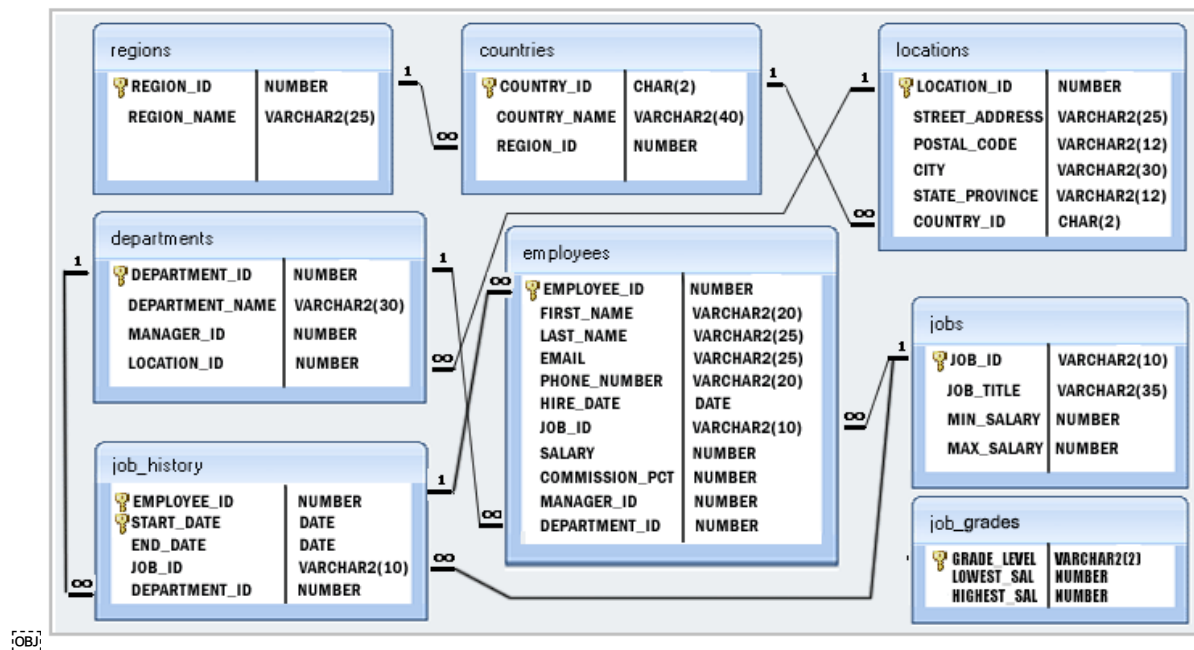


ERD:

**Structure of HR database :**



**Write the following queries:**

- 1- Write a query to get the minimum salary from employee's table.
- 2- Write a query to get the maximum salary of an employee working as a Programmer.
- 3- Write a query to get the average salary and number of employees working the department
- 4- Write a query to get the highest, lowest, sum, and average salary of all employees.
- 5- Write a query to get the number of employees with the same job
- 6- Write a query to find the manager ID and the salary of the lowest-paid employee for that manager

7- Write a query to find the names (first\_name, last\_name) and salaries of the employees who have a higher salary than the employee whose last\_name='Bull'.

**(Note: you must use a subquery)**

8- Write a query to find the names (first\_name, last\_name) of the employees who have a manager who works for a department based in the United States. (Hint: use subquery)

9- Write a query to find the names (first\_name, last\_name), the salary of the employees whose salary is greater than the average salary

10- Write a query to find the names (first\_name, last\_name), the salary of the employees who earn more than the average salary and who works in any of the IT departments.