**Initial ER Diagram for HR Data Analysis**

**Identification of Entities**

1. **Region**: Represents a geographical area or territory where the company operates.

Attributes: Region ID, Region Name

2. **Countries**: Represents individual countries within a region.

Attributes: Country ID, Country Name, Region ID (FK).

3. **Locations**: Represents specific addresses or locations within a country.

Attributes: Location ID, Street Address, Postal Code, City, State Province, Country ID (FK).

4. **Jobs**: Represents job titles or positions within the company.

Attributes: Job ID, Job Title, Min Salary, Max Salary.

5. **Employees**: Represents individuals employed by the company

Attributes: Employee ID, FirstName, LastName, phone no, Email, manager ID (FK), Job ID (FK), Salary, hire date

6. **Departments**: Represents organizational departments within the company. Attributes: Department ID, Department Name, Manager ID (FK), Location ID (FK).

7. **Job History**: Represents an employee's job history, including past positions and dates.

Attributes: Employee ID (FK), StartDate, End Date, Job ID (FK), Department ID (FK).

8. **Manager**: Represents manager who manage other employees.

Attributes: Manager ID, manager name Employee ID (FK).

