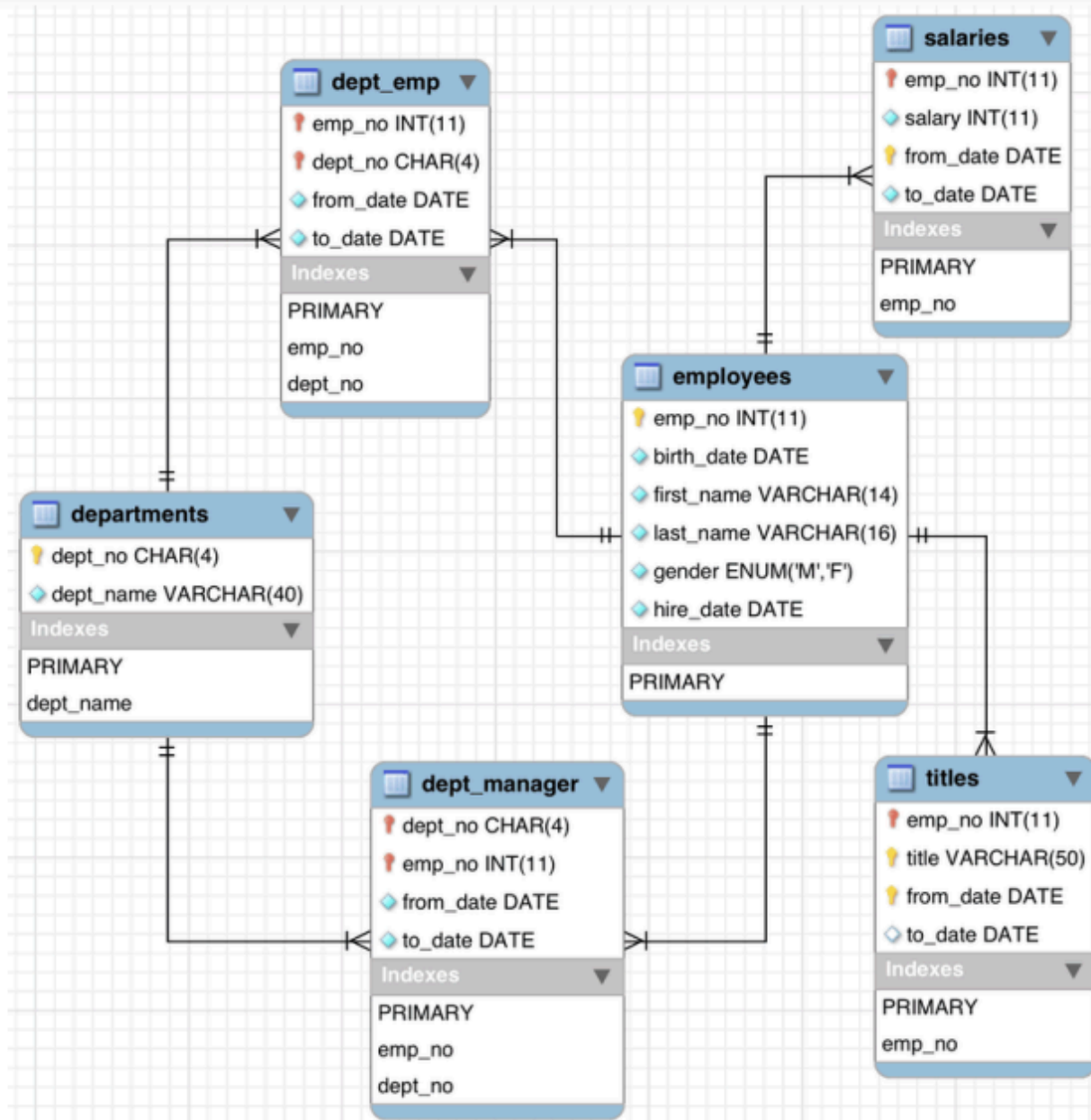


DATABASE SCHEMA DESCRIPTION

The following image shows a database schema used to store information about a company's employees and departments. The schema consists of four interrelated tables:



Hostname:

`jdbc:mysql://db-technostudy.ckr1jisflxpv.us-east-1.rds.amazonaws.com`

DB Schema: employees

Username: root

Password: '\ "-LhCB' .%k[4S]z

1. Employees (employees):

```
SELECT * FROM `employees`.`employees`;
```

emp_no: An integer that uniquely identifies each employee.

birth_date: The employee's date of birth.

first_name: The employee's first name.

last_name: Employee's surname.

gender: Gender of the employee (male or female).

hire_date: The date the employee was hired.

2. Departments: [Nine Departments]

```
SELECT * FROM `employees`.`departments`;
```

- **dept_no:** A set of characters that uniquely identifies each department.
- **dept_name:** Name of the department.

3. Department Managers (dept_manager):

```
SELECT * FROM `employees`.`dept_manager`;
```

- **dept_no:** The number of the department the manager manages.
- **emp_no:** Department manager's employee number.

4. Salaries:

```
SELECT * FROM `employees`.`salaries`;
```

- **emp_no:** Number of the employee receiving the salary.
- **salary:** Employee's salary.
- **from_date:** The starting date for which the salary is valid.
- **to_date:** The end date for which the salary is valid.

Relationships between tables:

- **Employees** table, **Departments** with table **dept_no** associated through the column. Indicates that an employee is affiliated with a department.
- **Employees** table, **Salaries** with table **emp_no** associated through the column. Shows salary information of an employee.
- **Departments** table, **Department Managers** with table **dept_no** associated through the column. It shows which department appoints which employee as manager.

Annotations

- These tasks are just examples and a real project may have more or fewer tasks.
- The complexity of the tasks will vary depending on the requirements of the project.
- Tasks should be designed to allow users to access the information and functionality they need.