**Company Database Schema**

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| **Extra Exercises** |
| Find the **fname** of the employees who **directly supervised** with ‘**Kamel Mohamed’**. |
| Select fname from employee where superssn=(select ssn from employee where fname =”kamel”and lname=”mohamed”) |
| Retrieve a list of employees (**fname**) and the projects (**project name**) they are working on ordered by **department no, last name, first name**. |
| Select E.fname , p.pname from employee as E project as P where E.ssn = Works\_for.Essn order by E.Dno,E.lname,E.fname; |
| Find the **project number**, the **controlling department name**, the **department manager last name**, address and **birthdate**. For each project located in ‘**Cairo’** City |
| Select p.pnumber , D.Dname,E.lname from project as p Departments as D employee as E where p.Dnum=D.Dnum and E.ssn= D.MGRSSN and p.city=”cairo” ; |
| For each department, retrieve the **department name** and the **maximum**, **minimum** and **average** **salary** of its employees. |
| Select Dname , min(employee.salary), max(employee.salary), avg(employee.salary) from Departments where employee.Dno = Dnum goup by (Dname) having |