Домашно 3. Преобразуване от E/R към ODL

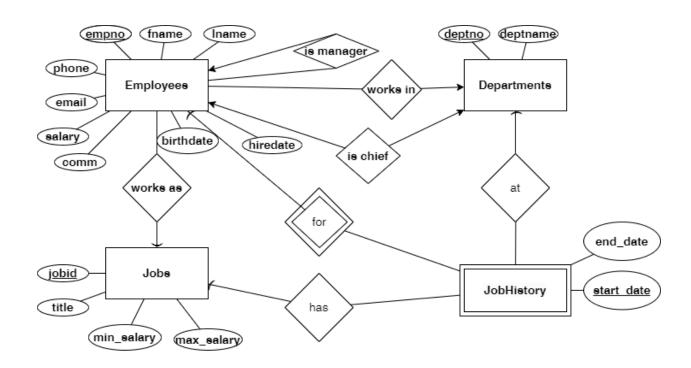


Схема на базата от данни (в обектно-ориентиран модел на данни):

```
REL: Departments (deptno, deptname, empno mgr)
class Department (extent Departments key(deptno)) {
  attribute string deptno;
  attribute string deptname;
  relationship Set<Employee> fk emps depts inverse Employee :: deptno;
  relationship Employee empno mgr inverse Employee :: empno chief dept;
  relationship Set<JobHistory> fk jobh depts inverse JobHistory :: deptno;
}
Employees (empno, fname, lname, birthdate, hiredate, phone, email, salary, comm,
jobid, deptno, mgrno)
class Employee (extent Employees key(empno)) {
  attribute string empno;
  attribute string fname;
  attribute string lname;
  attribute date birthdate;
  attribute date hiredate;
```

```
attribute string email;
  attribute double salary;
  attribute double comm;
  relationship Job jobid inverse Job :: fk emps jobs;
  relationship Departments empno chief dept inverse Departments :: empno mgr;
  relationship Departments deptno inverse Departments :: fk emps depts;
  relationship Set<Employee> fk empno mgrno inverse Employee :: mgrno;
  relationship Employee mgrno inverse Employee :: fk empno mgrno;
  relationship Set<JobHistory> fk_empno_jobh inverse JobHistory :: empno;
  }
REL: Jobs (jobid, title, min salary, max salary)
class Job (extent Jobs key(jobid)) {
  attribute int jobid;
  attribute string title;
  attribute double min salary;
  attribute double max salary;
  relationship Set<Employee> fk emps jobs inverse Employee::jobid;
  relationship Set<JobHistory> fk_jobh_jobs inverse JobHistory::jobid;
}
JobHistory (empno, start date, end date, jobid, deptno)
Class JobHistory (extent JobHistories) {
  attribute date start date;
  attribute date end date;
  relationship Job jobid inverse Job :: fk jobh jobs;
  relationship Departments deptno inverse Departments :: fk_jobh_depts;
  relationship Employee empno inverse Employee :: fk empno jobh;
}
```

attribute string phone;