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Diagrama entidad relación de dbook.sql

create table faculty(

fid number(9,0) primary key,

fname varchar2(30),

deptid number(2,0)

);

create table class(

name varchar2(40) primary key,

meets\_at varchar2(20),

room varchar2(10),

fid number(9,0),

foreign key(fid) references faculty

);

create table student(

snum number(9,0) primary key,

sname varchar2(30),

major varchar2(25),

standing varchar2(2),

age number(3,0)

);

create table enrolled(

snum number(9,0),

cname varchar2(40),

primary key(snum,cname),

foreign key(snum) references student,

foreign key(cname) references class(name)

);

create table dept(

did number(2,0) primary key,

dname varchar2(20),

budget number(10,2),

managerid number(9,0),

foreign key(managerid) references emp(eid)

);

create table works(

eid number(9,0),

did number(2,0),

pct\_time number(3,0),

primary key(eid,did),

foreign key(eid) references emp,

foreign key(did) references dept

);

create table emp(

eid number(9,0) primary key,

ename varchar2(30),

age number(3,0),

salary number(10,2)

);

create table flights(

flno number(4,0) primary key,

origin varchar2(20),

destination varchar2(20),

distance number(6,0),

departs date,

arrives date,

price number(7,2)

);

create table employees(

eid number(9,0) primary key,

ename varchar2(30),

salary number(10,2)

);

create table certified(

eid number(9,0),

aid number(9,0),

primary key(eid,aid),

foreign key(eid) references employees,

foreign key(aid) references aircraft

);

create table aircraft(

aid number(9,0) primary key,

aname varchar2(30),

cruisingrange number(6,0)

);

create table parts(

pid number(9,0) primary key,

pname varchar2(40),

color varchar2(15)

);

create table catalog(

sid number(9,0),

pid number(9,0),

cost number(10,2),

primary key(sid,pid),

foreign key(sid) references suppliers,

foreign key(pid) references parts

)

create table suppliers(

sid number(9,0) primary key,

sname varchar2(30),

address varchar2(40)

);

create table sailors(

sid number(9,0) primary key,

sname varchar2(30),

rating number(2,0),

age number(4,1)

);