

```

BUILDING(city, street, bldg#, total-levels)
primary key = (city, street, bldg#)

OFFICE(city, street, bldg#, office-number, area)
primary key = (city, street, bldg#, office-number)
foreign key = (city, street, bldg#)
            references BUILDING(city, street,bldg#)

EMPLOYEE(enum, first-name, last-name, dob, city, street,
bldg#, office-number)
primary key = (enum)
foreign key = (city, street, bldg#, office-number)
            references OFFICE(city, street, bldg#, office-number)

EMPDEGREE(enumn, degree-name)
primary key = (enum, degree-name)
foreign key 1 = (enum) references EMPLOYEE(enum)
foreign key 2 = (degree-name)
            references DEGREE(degree-name)

DEGREE(degree-name)
primary key = (degree-name)

PROJECT(title,budet,present-deadline,system-name[0..1],
                                             project-type)
primary key = (title)

IS-HOSTED(title, city, street, bldg#)
primary key = (title, city, street, bldg#)
foreign key 1 = (title) references PROJECT(title)
foreign key 2 = (city, street, bldg#)
            references BUILDING(city, street, bldg#)

WORKS-ON(title,enum,from-date,to-date[0..1],contribution)
primary key = (title, enum, from-date)
foreign key 1 = (title) references PROJECT(title)
foreign key 2 = (enum) references EMPLOYEE(enum)

DEADLINES(title, past-deadline)
primary key = (title, past-deadline)
foreign key = (title) references PROJECT(title)

REQUIRES(research-project, implementation-project)
primary key = (research-title, implementation-title)
foreign key 1 = (research-title)
            references PROJECT(title)
foreign key 2 = (implementation-title)

```

references PROJECT(title)

HAS-OBJECTIVE(objective-name, research-title)

primary key =(objective-name, research-title)

foreign key = (research-title) references PROJECT(title)