

## Schéma relationnel COMPANY

Attribut	Type	Null	Signification
fname	varchar(15)	No	Employee's first name
minit	char(1)	Yes	Employee's middle name
lname	varchar(15)	No	Employee's last name
<u>ssn</u>	char(9)	No	Employee's social security number
bdate	date	Yes	Employee's birth date
address	varchar(30)	Yes	Employee's address
sex	char(1)	Yes	Employee's sex
salary	decimal(10,2)	Yes	Employee's salary
super_ssn	char(9)	Yes	Employee's supervisor's Ssn
dno	integer	No	Employee's department number

Table 1: Table **employee**

Attribut	Type	Null	Signification
dname	varchar(15)	No	Department name
<u>dnumber</u>	integer	No	Department number
mgr_ssn	char(9)	No	Department manager's Ssn
mgr_start_date	date	No	Manager's start date

Table 2: Table **department**

Attribut	Type	Null	Signification
<u>dnumber</u>	integer	No	Department number
<u>dlocation</u>	integer	No	Department location

Table 3: Table **dept\_locations**

Attribut	Type	Null	Signification
pname	varchar(15)	No	Project name
<u>pnumber</u>	integer	No	Project number
plocation	integer	Yes	Project location
dnum	integer	No	Department number

Table 4: Table **project**

Attribut	Type	Null	Signification
<u>essn</u>	char(9)	No	Employee's SS number
<u>pno</u>	integer	No	Project number
hours	decimal(3,1)	No	Project hours

Table 5: Table **works\_on**

Attribut	Type	Null	Signification
essn	char(9)	No	Employee's Ssn
dependent_name	varchar(15)	No	Dependent's name
sex	char(1)	Yes	Dependent's sex
bdate	date	Yes	Dependent's birth date
relationship	varchar(8)	Yes	Employee-dependent relationship

Table 6: Table dependent

Attribut	Type	Null	Signification
<u>lnumber</u>	integer	No	Location number
lname	varchar(15)	No	Location name

Table 7: Table location

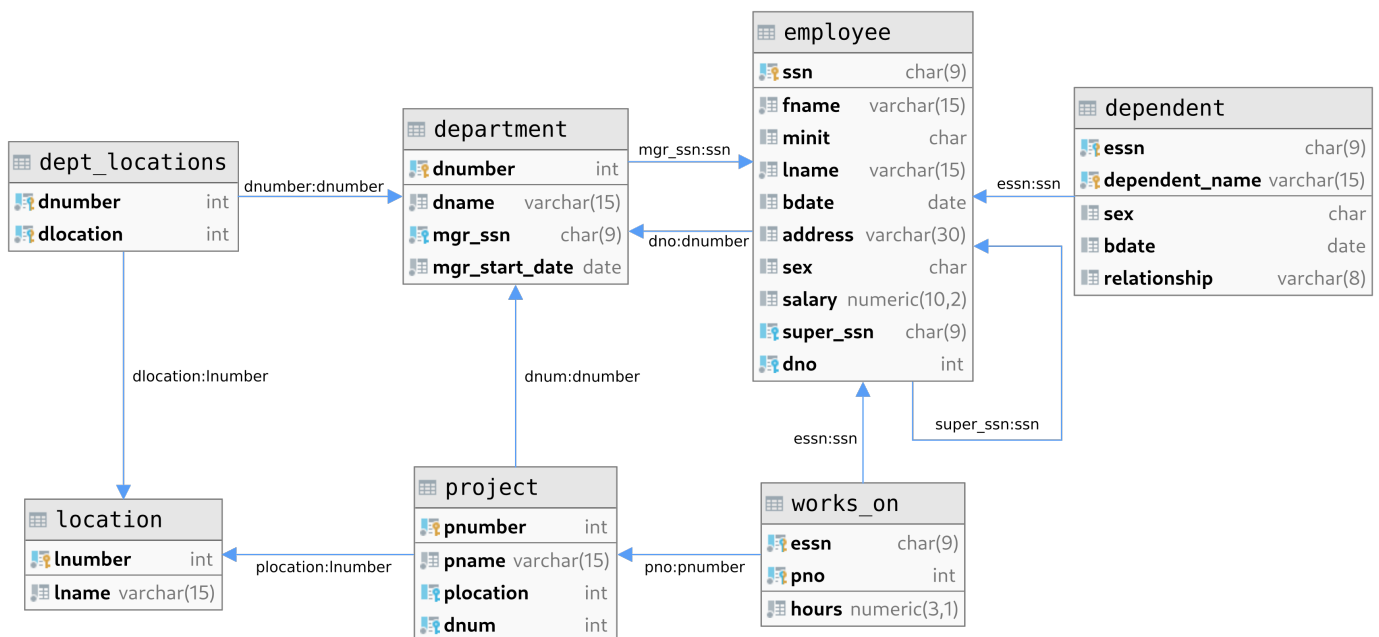


Figure 1: Contraintes d'intégrité référentielle