

ANNEXE 1

employee

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	varchar(1)	Yes	Employee's sex
Salary	decimal(10,2)	Yes	Employee's salary
Super_ssn	char(9)	Yes	Employee's supervisor's Ssn
Dno	int(11)	No	Employee's department number

department

ATTRIBUT	TYPE	NULL	SIGNIFICATION
Dname	varchar(15)	No	Department name
<u>Dnumber</u>	int(11)	No	Department number
Mgr_ssn	char(9)	No	Department manager's Ssn
Mgr_Start_Date	date	No	Manager's start date

project

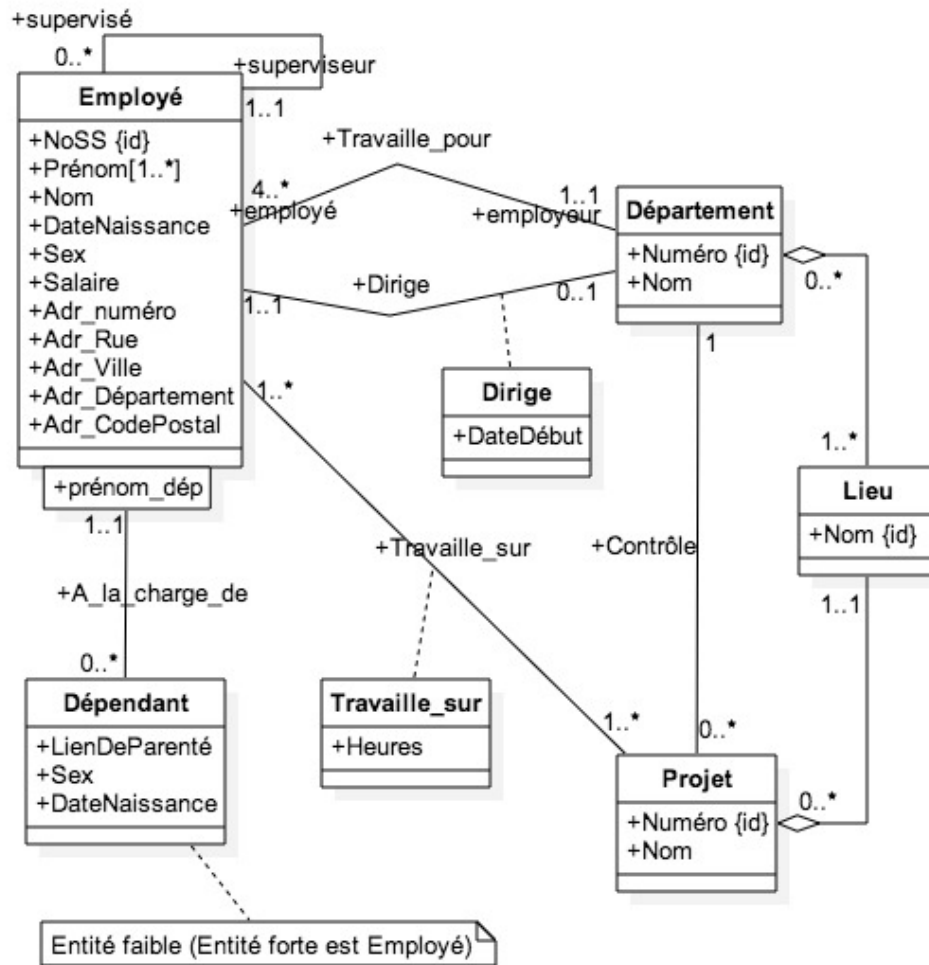
ATTRIBUT	TYPE	NULL	SIGNIFICATION
Pname	varchar(15)	No	Project name
<u>Pnumber</u>	int(11)	No	Project number

works_on

ATTRIBUT	TYPE	NULL	SIGNIFICATION
<u>Essn</u>	char(9)	No	Employee's SS number
<u>Pno</u>	int(11)	No	Project number
Hours	decimal(3,1)	No	Project hours

dependent

ATTRIBUT	TYPE	NULL	SIGNIFICATION
<u>Essn</u>	char(9)	No	Employee's Ssn
<u>Dependent Name</u>	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



CI: Le nombre d'heure hebdomadaire effectué par un employé ne doit pas dépasser 40 heures.

Figure 1: Schema Conceptuel de base de données COMPANY.