



EMPLOYEE

SSN	FirstName	SecondName	BirthDate	SuperSSN
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SuperSSN : FK → Employee.SSN

Supervises = Recursive relationship using *SuperSSN*

DEPARTMENT

DNUM	DName
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DEPARTMENT_LOCATIONS

DNUM	Location
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DNUM FK → Department.DNUM

Composite PK: (DNUM, Location)

PROJECT

PNumber	PName	City
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EMPLOYEE WORKS IN DEPARTMENT

SSN	DNUM	hiring Date
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FK → Employee.SSN

DNUM FK → Department.DNUM

Composite PK: (SSN, DNUM)

MANAGES (Employee manages Department)

SSN	PNumber	working hours
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Composite PK: (SSN, PNumber)

SSN FK → Employee.SSN

PNumber FK → Project.PNumber

DEPENDENT

Dependent Name	Gender	Birth Date	SSN
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Composite PK: (DependentName, SSN)

FK → Employee.SSN