



EMPLOYEE

<u>SSN</u>	FirstName	SecondName	BirthDate	<u>SuperSSN</u>
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SuperSSN : FK → Employee.SSN

Supervises = Recursive relationship using *SuperSSN*

DEPARTMENT

<u>DNUM</u>	DName
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DEPARTMENT_LOCATIONS

<u>DNUM</u>	<u>Location</u>
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DNUM FK → Department.DNUM

Composite PK: (DNUM, Location)

PROJECT

<u>PNumber</u>	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

<u>Dependent Name</u>	Gender	Birth Date	SSN
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Composite PK: (DependentName, SSN)

FK → Employee.SSN