

EMPLOYEE

<u>Fname</u>	Minit	Lname	<u>Ssn</u>	Bdate	Address	Sex	Salary	Super_ssn	Dno
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DEPARTMENT

<u>Dname</u>	<u>Dnumber</u>	<u>Mgr_ssn</u>	<u>Mgr_start_date</u>
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DEPT_LOCATIONS

<u>Dnumber</u>	<u>Dlocation</u>
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PROJECT

<u>Pname</u>	<u>Pnumber</u>	<u>Plocation</u>	<u>Dnum</u>
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WORKS_ON

<u>Essn</u>	<u>Pno</u>	<u>Hours</u>
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DEPENDENT

<u>Essn</u>	<u>Dependent_name</u>	<u>Sex</u>	<u>Bdate</u>	<u>Relationship</u>
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Figure 3.5

Schema diagram for the COMPANY relational database schema.

called an **invalid state**, and a state that satisfies all the constraints in the defined set of integrity constraints IC is called a **valid state**.