ER-to-Relational Mapping Algorithm

Step 1: Mapping of Regular Entity Types.

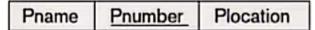
EMPLOYEE

Fname	Minit	Lname	Ssn	Bdate	Address	Sex	Salary
	, Table 172 1 1 1 1 1				- AT ARLES TO A CONTROL OF THE PARTY OF THE		Non-Transferring Total

DEPARTMENT

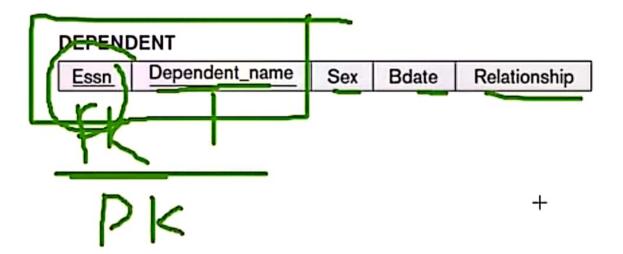


PROJECT



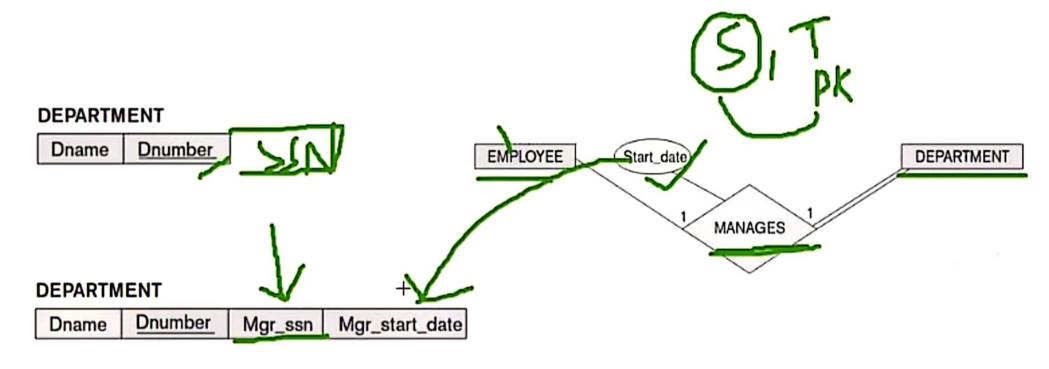
ER-to-Relational Mapping Algorithm

Step 2: Mapping of Weak Entity Types



ER-to-Relational Mapping Algorithm

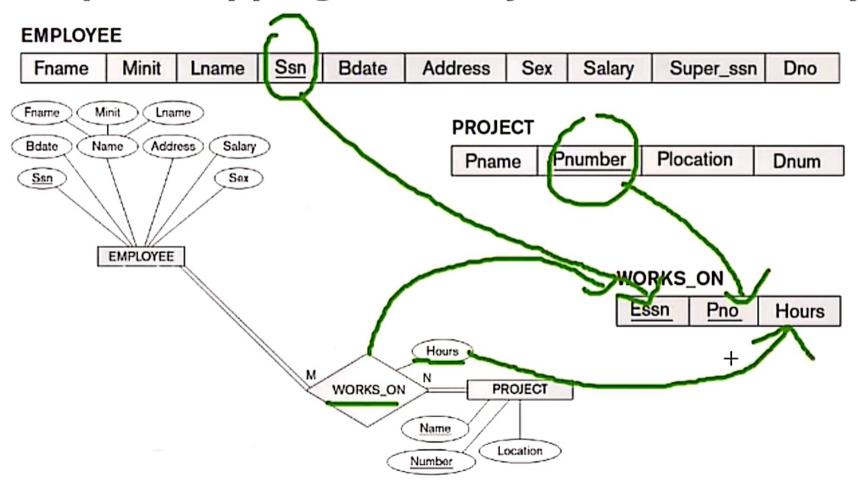
Step 3: Mapping of Binary 1:1 Relation Types



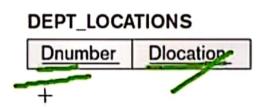
ER-to-Relational Mapping Algorithm Step 4: Mapping of Binary 1:N Relationship Types.

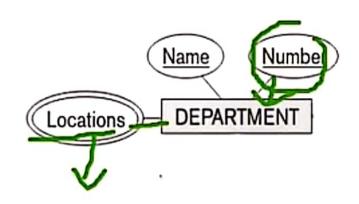
EMPLOYEE Fname Minit Ssn **Bdate** Address Sex Salary Lname EMPLOYEE ___ Minit Fname Ssn **Bdate** Address Sex Lname Salary Super_ssn Dno. **PROJECT** Pname **Plocation** Pnumber PROJECT Pnumber Plocation Pname Dnum

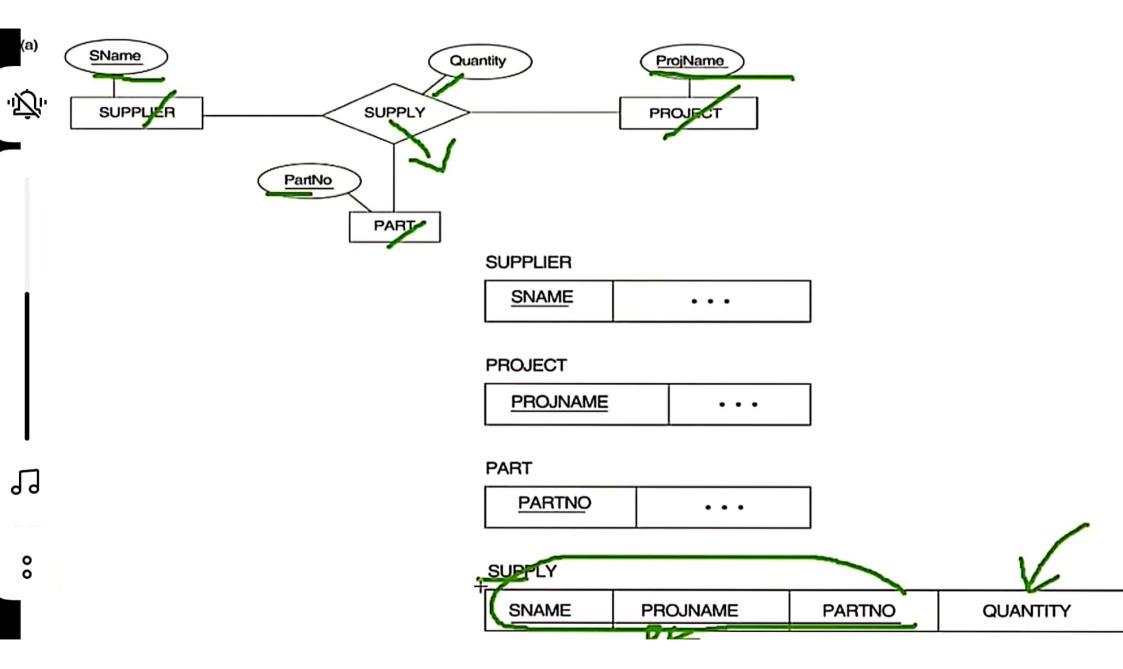
ER-to-Relational Mapping Algorithm Step 5: Mapping of Binary M:N Relationship Types.



ER-to-Relational Mapping Algorithm Step 6: Mapping of Multi valued attributes.







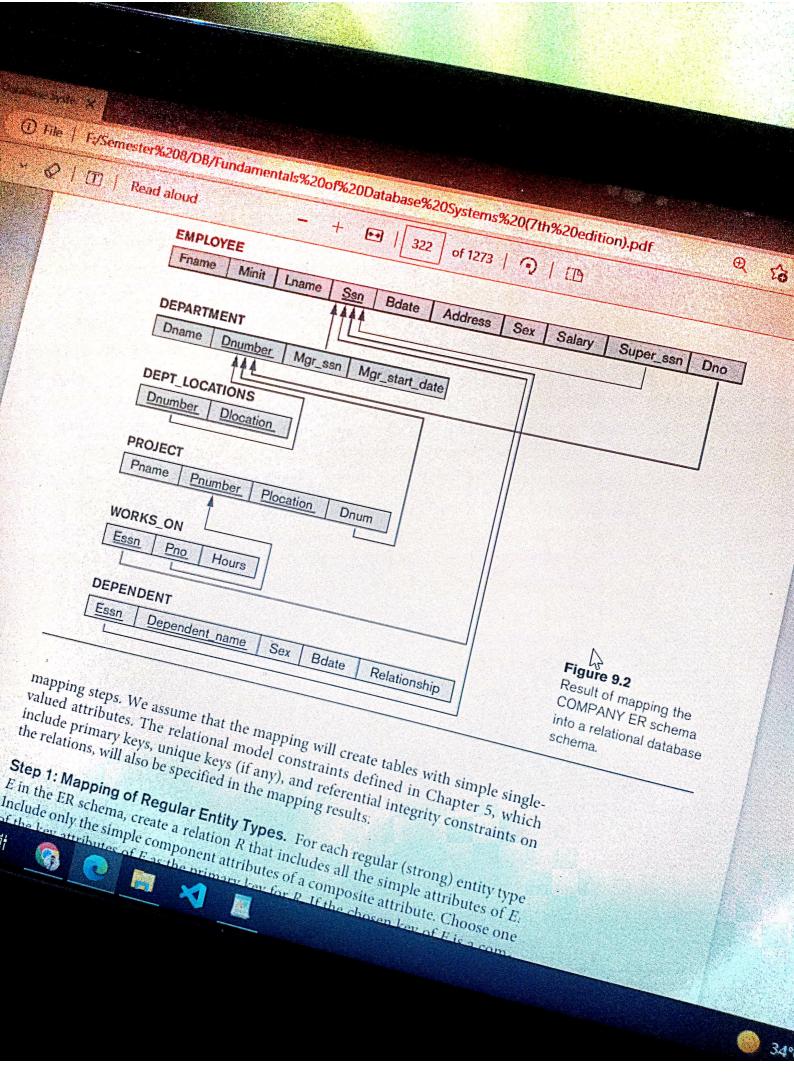


Figure 9.1

The ER conceptual schema diagram for the COMPANY database.

