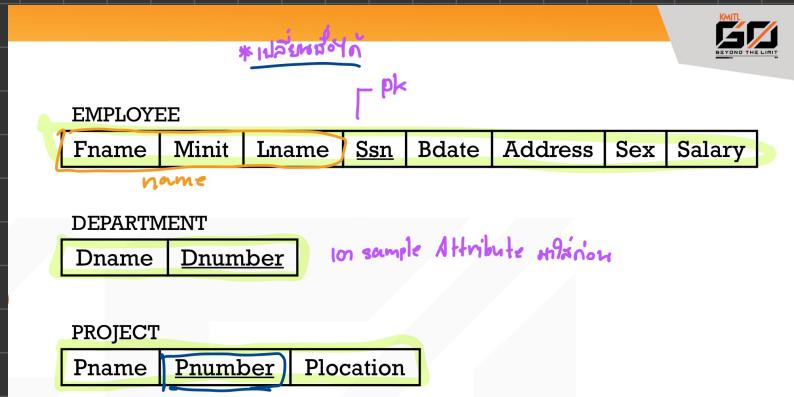


Step 1: mapping strong Entity

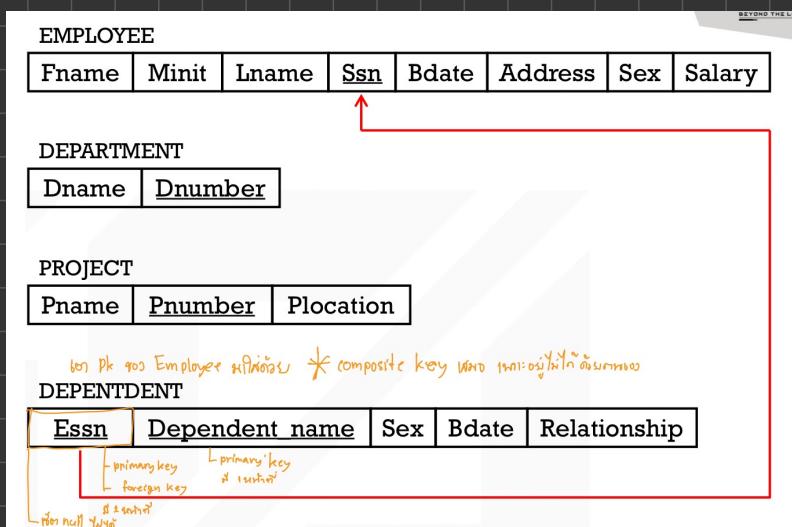
* non strong E. minimum + non pk
foreign key



Step 2: mapping weak Entity

Attributed តើខ្លួន (ជូនរងគ្រោ) អាជីវកម្ម + លើខ្លួន FK

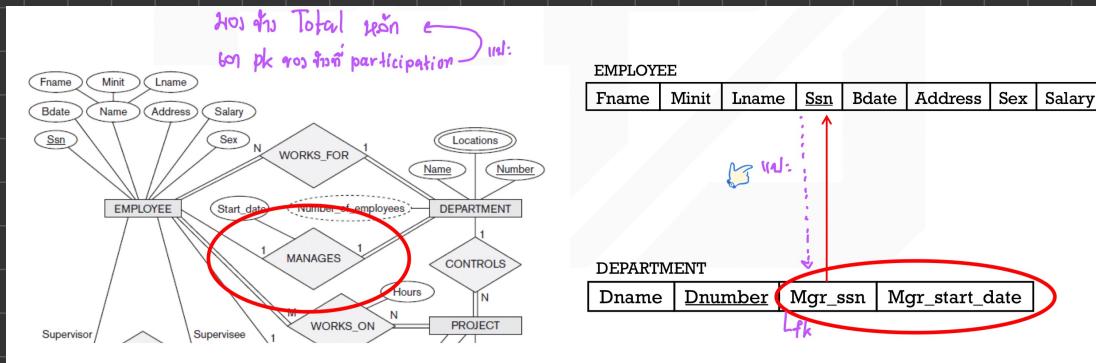
* primary key នៃ R (weak E.) នឹង partial key (key នៃ weak E.) & FK (pk នៃ ពិនិត្យការងារ)



Step 3 : mapping of Binary 1:1 (ការសម្រេចទៅ Entity)

1) 1:1 Fk approach total - participation (2 relation)

♡ នៅ total ងាយតែ : ឈរ pk (នៃ total) ឱ្យខ្លះ participation មែនតែ Fk



2) merged option total - total (1 relation)

♡ លើនេះ 1 ចំណាំរបស់វា នឹងត្រូវដំឡើងវា (ជីវិធីរៀងគ្រារ)

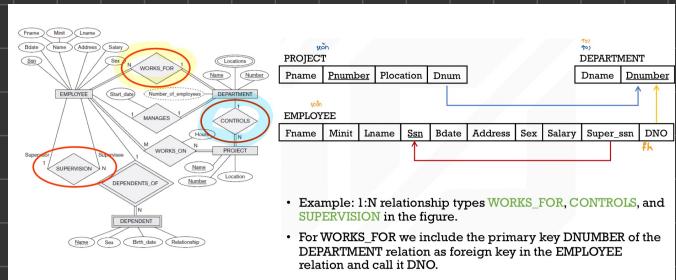
total ងាយ total : pk ងាយ ងាយ total មែនតែ Fk

3) cross-referance or relationship relation (3 relation)

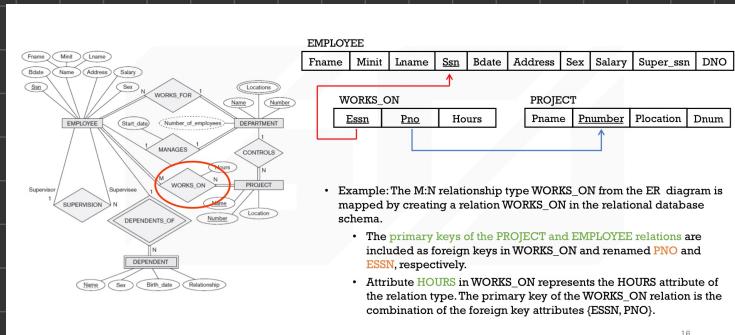
♡ ស្ថាបន្ទាន់

Step 4 mapping 1:N, N:1

♥ many 1:n <---- 1:n 1 * 1:n 2:n

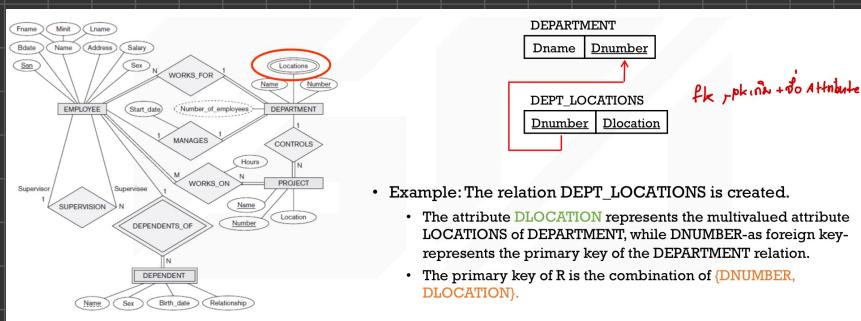


Step 5 mapping M:N (ກົດຕະກິບ / ສົ່ງ R ອຸນ)



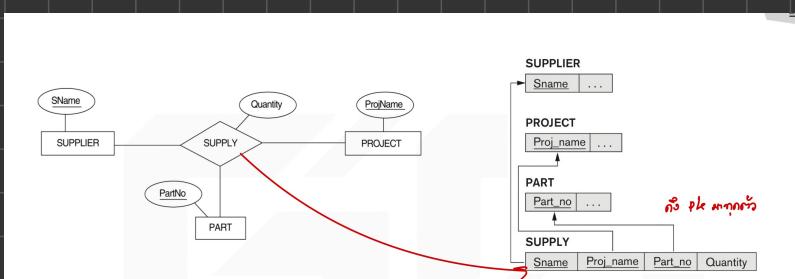
Step 6 mapping "Multivalued Attributes"

♥ ສົ່ງອາການ / ສົ່ງ R ອຸນ



Step 7 mapping n-ary Relation

♥ "n>2" ກົດຕະກິບ / ສົ່ງ R ອຸນ



ធនាគារ

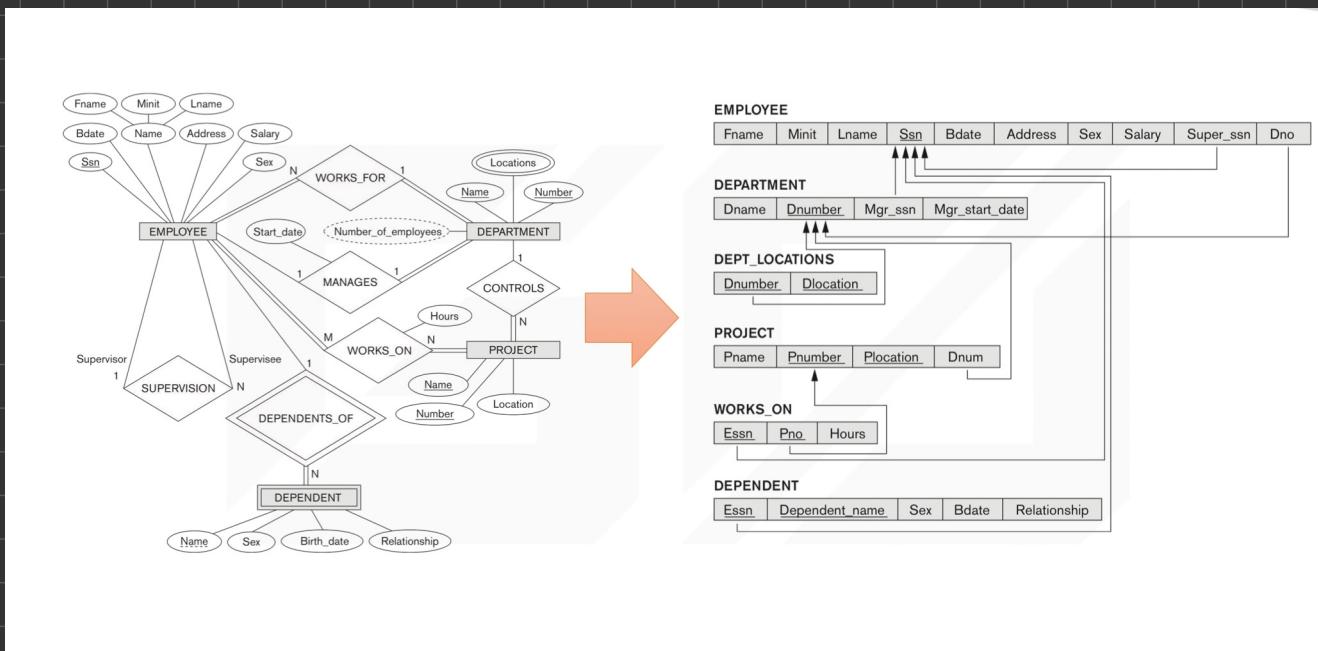


Table 9.1 Correspondence between ER and Relational Models

ER MODEL	RELATIONAL MODEL
Entity type	<i>Entity</i> relation
1:1 or 1:N relationship type	Foreign key (or <i>relationship</i> relation)
M:N relationship type	<i>Relationship</i> relation and two foreign keys
n-ary relationship type	<i>Relationship</i> relation and n foreign keys
Simple attribute	Attribute
Composite attribute	Set of simple component attributes
Multivalued attribute	Relation and foreign key
Value set	Domain
Key attribute	Primary (or secondary) key