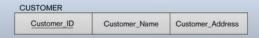
Mapping Regular entity

(a) CUSTOMER entity type with simple attributes

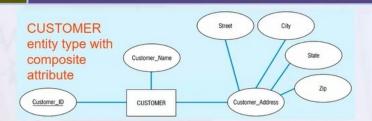


(b) CUSTOMER relation



Activate W

Mapping Composite attribute



CUSTOMER relation with address detail

CUSTOMER	address = concatinations				
Customer_ID	Customer_Name	Street	City	State	Zip

ctivate V

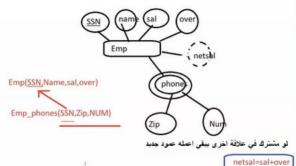
Mapping Multivalued Attribute



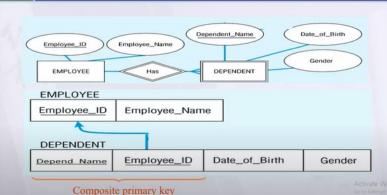
Multivalued attribute becomes a separate relation with foreign key



1 - to - many relationship between original entity and new relation



Mapping Weak entity



2 Mandatory



tbl_xy (PK,...,)

PK = PKx or PKy

Emp(EID, Ename, Cname, CID)

Optional-Mandatory

One-to-One

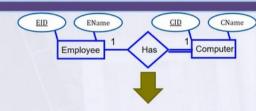
X optional - Y mandatory



2 tables

tbl_x (<u>PKx</u>,...,)

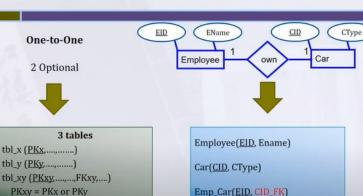
tbl_y (PKy,...,PKx....)



Employee(EID, Ename)

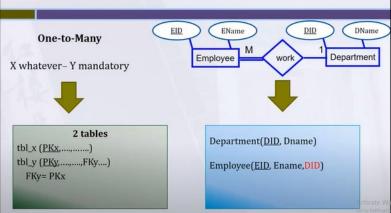
Computer(CID, Cname, EID_FK)

2 Optional

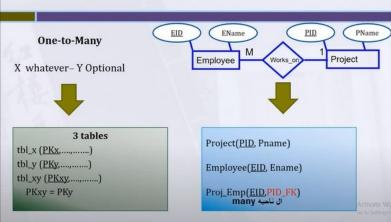


ivate V

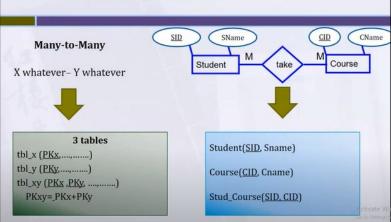
Many is Mandatory



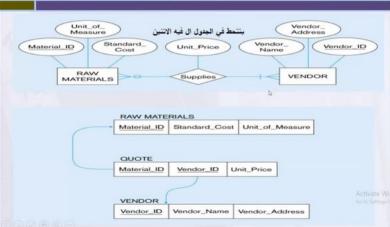
Many is Optional



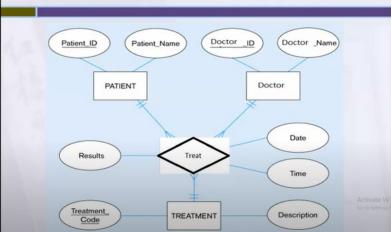
M:N



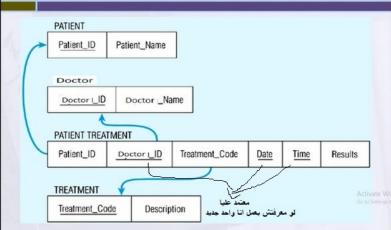
M:N with attribute



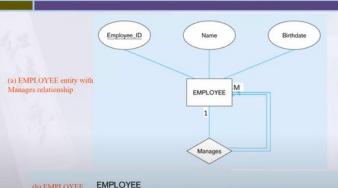
Step 6: Mapping of N-ary Relationship Types.



Step 6: Mapping of N-ary Relationship Types.



Step 7: Mapping Unary Relationship



Employee_ID

relation with recursive foreig key



Go to Setting

Mapping a unary M:N relationship



(b) ITEM and COMPONENT relations

