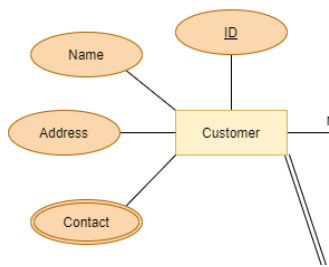
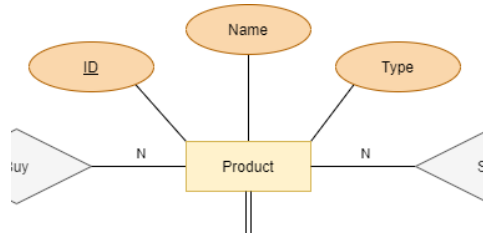


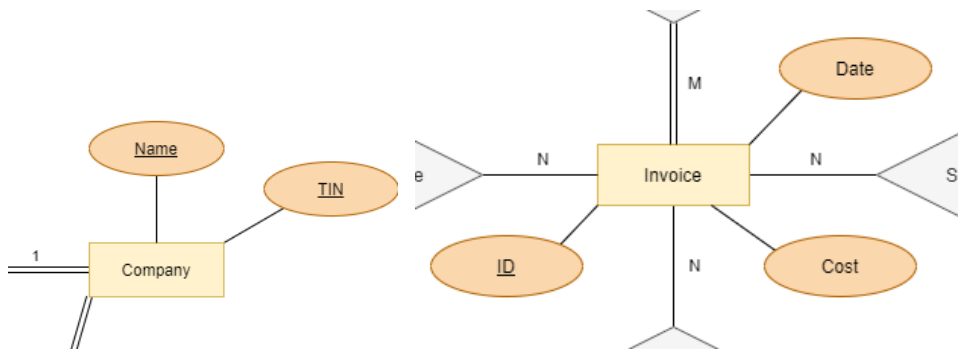
## Step 1 : Mapping of Regular Entity Types.



Customer Entity

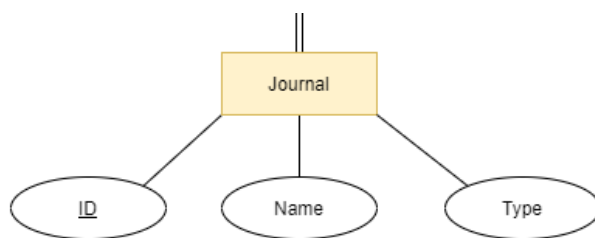


Product Entity



Company Entity

Invoice Entity



Journal Entity

Customer

<u>cID</u>	cName	Address
------------	-------	---------

Product

<u>pID</u>	pName	pType
------------	-------	-------

Company

companyName	<u>TIN</u>
-------------	------------

Invoice

<u>invoiceID</u>	Cost	Date
------------------	------	------

Journal

<u>jID</u>	jName	jType
------------	-------	-------

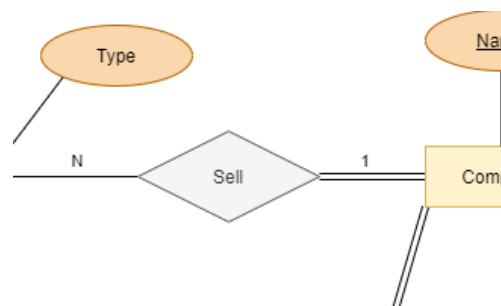
Step 2 : Mapping of Weak Entity Types.

None

Step 3 : Mapping of Binary 1:1 Relation Types.

None

Step 4: Mapping of Binary 1:N Relationship Types.



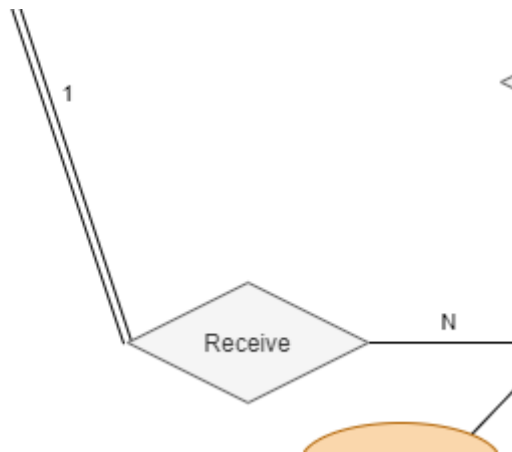
Sell Relationship

Product

<u>pID</u>	pName	pType
------------	-------	-------



<u>pID</u>	pName	pType	TIN
------------	-------	-------	-----



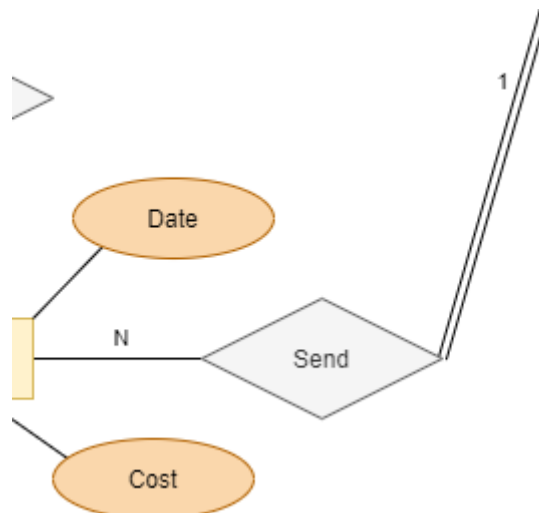
Receive Relation

Invoice

<u>invoiceID</u>	Cost	Date
------------------	------	------



<u>invoiceID</u>	Cost	Date	cID
------------------	------	------	-----



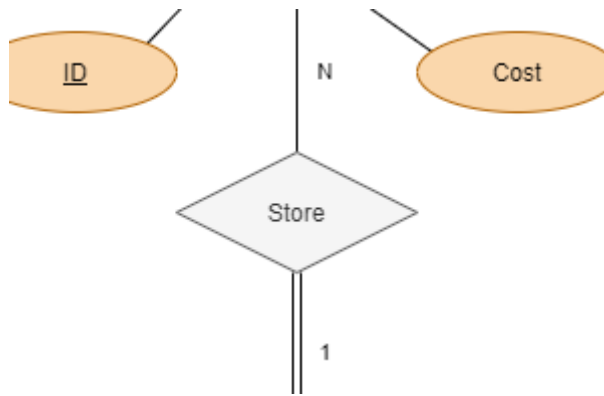
Send Relationship

Invoice

<u>invoiceID</u>	Cost	Date	cID
------------------	------	------	-----



<u>invoiceID</u>	Cost	Date	cID	TIN
------------------	------	------	-----	-----



Store Relationship

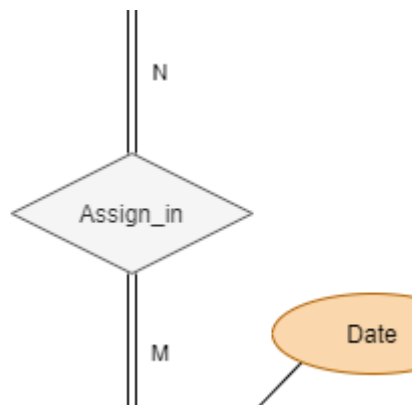
Invoice

<u>invoiceID</u>	Cost	Date	cID	TIN
------------------	------	------	-----	-----



<u>invoiceID</u>	Cost	Date	cID	TIN	jID
------------------	------	------	-----	-----	-----

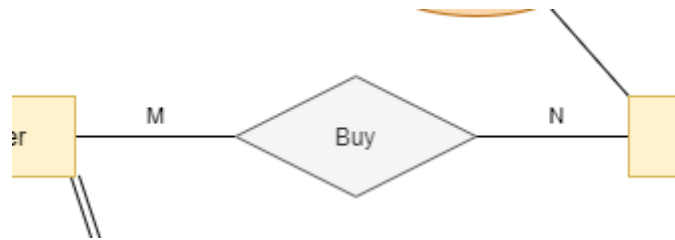
Step 5: Mapping of Binary M:N Relationship Types.



Assign\_in Relationship

Assign\_in

<u>pID</u>	<u>invoiceID</u>
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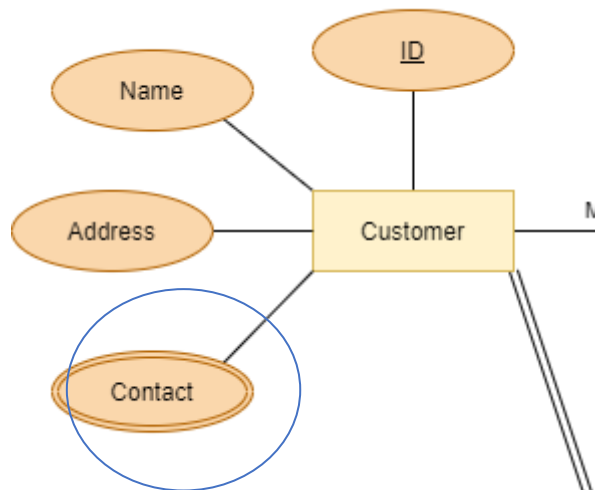


Buy Relationship

Buy

<u>cID</u>	<u>pID</u>
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Step 6: Mapping of Multivalued attributes.



Contact Attribute

Contact

<u>cID</u>	<u>cContact</u>
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### Step 7: Mapping of N-ary Relationship Types.

None

### Step 8: Options for Mapping Specialization or Generalization.

None

### Step 9: Mapping of Union Types (Categories).

None

### Result of mapping ER schema into a relational database

