

aim : Mapping ER/EER to relational schema model.

Theory : Mapping of ER to relational schema model consists of Seven Steps.

- i) Map regular entity types.
- ii) Map weak entity types.
- iii) Map binary 1:1 relationship types.
- iv) Map binary 1:N relationship types.
- v) Map binary M:N and higher order relationship types.
- vi) Map Multivalued attributes.
- vii) Map N:ray types.

The following is the Shopping mart. mgmt's ER diagram to relational schema model.

Step 1: Map regular Entity types.

Staff

S_ID	S_Name	Designation	Salary	DOJ	S_mob
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Customer

C_ID	C_Name	C_address	C_mob
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Product

P_ID	P_Name	Category	Quality	Price
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Step 2: Map weak entity Types.

Payment

Pay-ID	Billno	amount	Date	Type
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Step 3: Map binary 1:1 relationship Types

Customer

C-ID	Billno	C-name	C-address	C-mob
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Payment

Pay-ID	Billno	amount	Date	Type
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Step 4: Map Binary 1:M relationship Types

Customer

C-ID	C-name	C-address	C-mob
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Product

P-ID	C-ID	Pay-ID	P-name	category	Quantity
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Payment

Pay-ID	Bill-no	amount	Date	Type
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Step 5: Map Binary M:N and higher order relationship Types
Sells

S-ID	C-ID
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Step 6: Map multivalued attributes.

customer

C-ID	C_mob
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Staff

S-ID	S_mob
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Step 7: Map many

Not Existed

Conclusion: Successfully implemented the seven steps
to map ER diagram to relational
schema model