

## Assignment No:-1

Assignment Name :- Draw E-R diagram and  
convert entities and  
relationship to table.

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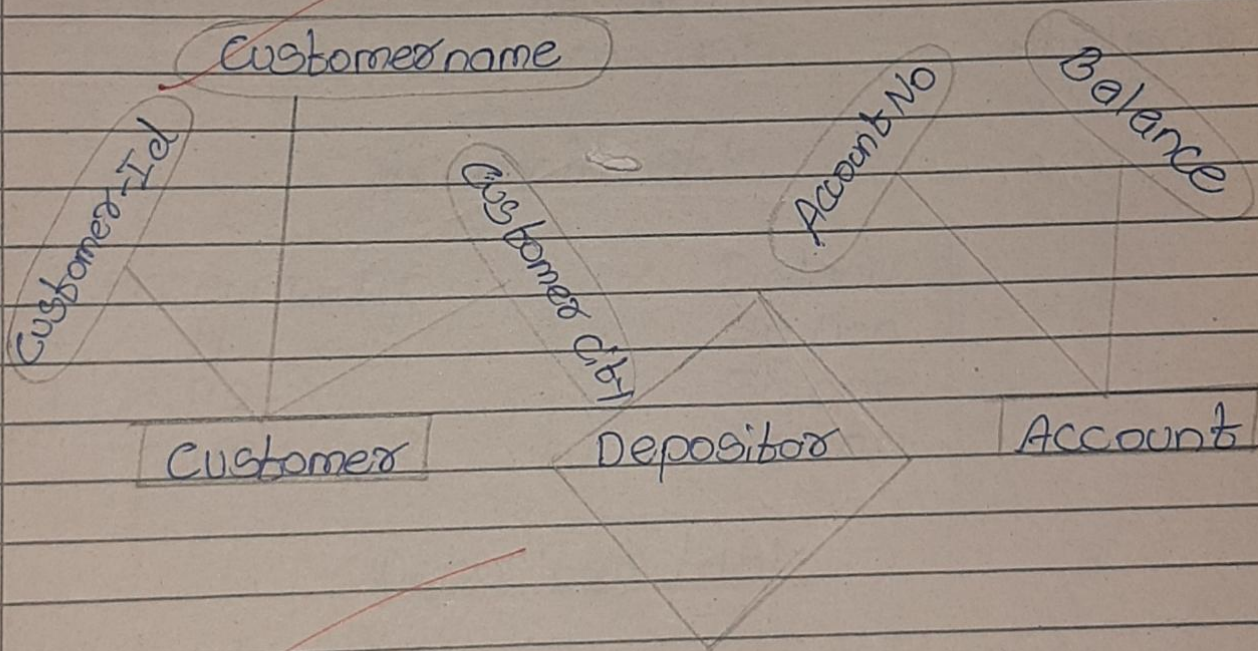
### \* Entity Relationship Model [ERT]

- 1] ER Model is based on Relation of real world that consist of a collection among their objects.
- 2] An entity is a thin or object in the real world i.e. distinguishable from other object for eg:- Each person is an entity. Bank account.
- 3] Entity's are describe in a database by a set of Attributes eg:- Attribute account number and balance may describe one particular account in bank and they form attribute of the account entity set.
- 4] The set of all entity's of the same type and the set of all relationship of the same type are termed as an entity set Relationship.
- 5] The overall logical structured of a database can be expressed graphically by an ER diagram which is built from the following compon  
- ents.



Symbol:-

1. Rectangle :- Which Represent entity set.
2. Ellipse :- Which represent Attribute
3. Diamond :- Which represent set of relationship among a number from each of several entity's
4. Line :- which link attribute is entity set and entity set to relationship







DATE

3

PAGE

Entities = Customer, Account  
Attributes = Customer-id, Customer-name,  
Customer-city, Account No,  
Balance.

### Customer Table

Customer-id	Customer-name	Customer City
101	Shreyas	Khopoli
102	Shreyash	Pen
103	Shreyash	Khalapur

### Account Table

Account-no	Balance
111	20,000
112	30,000
113	40,000

### Depositor Table

Customer-id	Account-no	Balance
101	111	20,000
102	112	30,000
103	113	40,000

*Shreyas*  
21/8/18