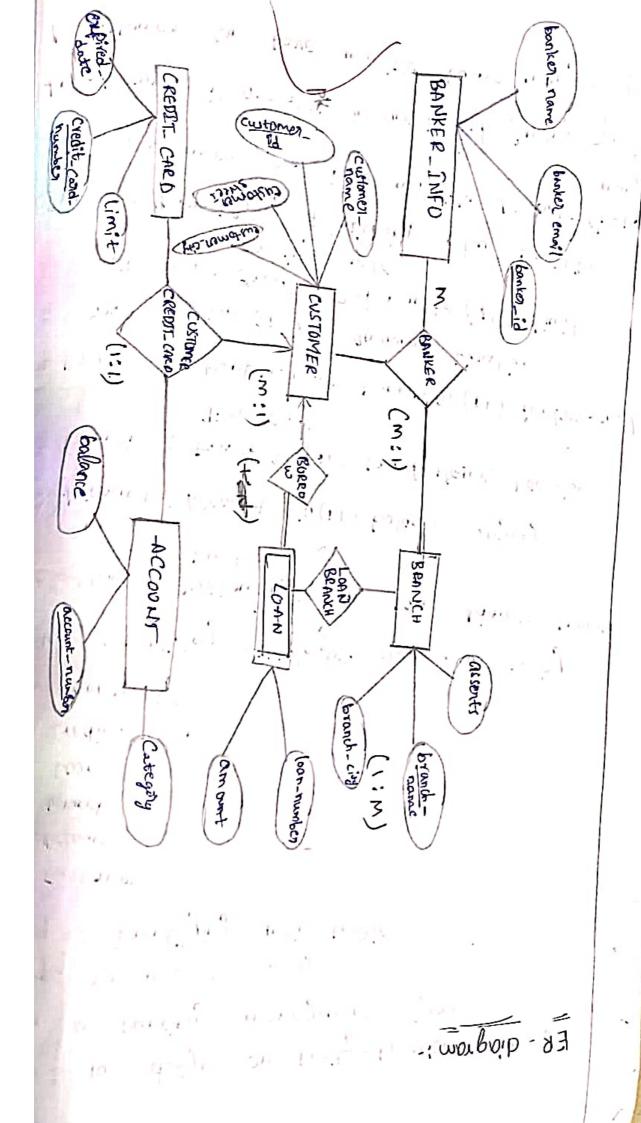
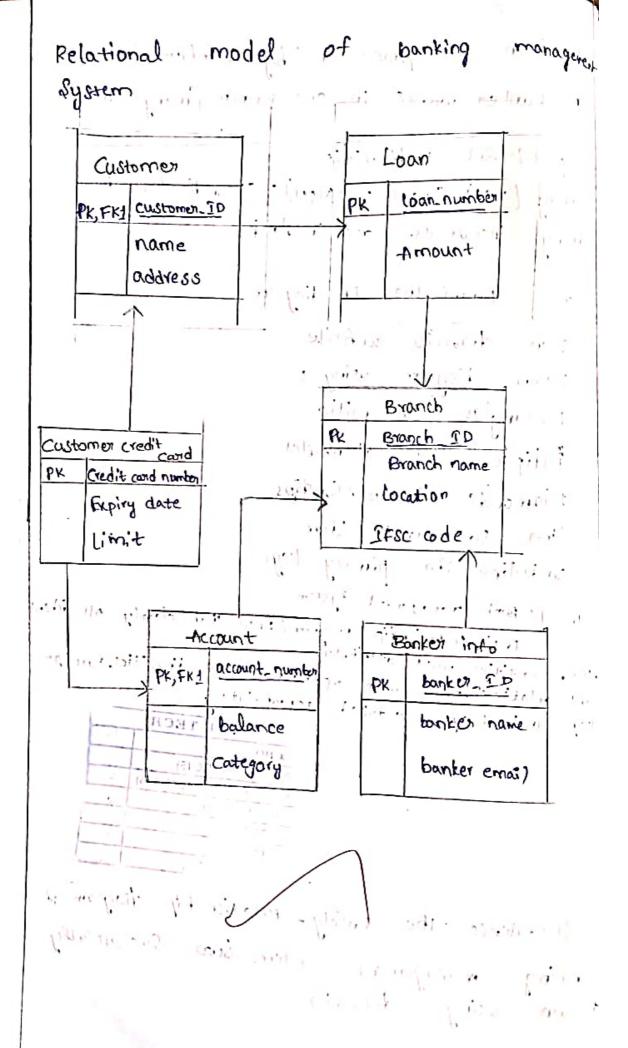
TASK NO: 01 Date: 29-07-2025 TASK NAME: Conceptual Design after FTR -Aim: - To design an Entity-Relationship D?agram for a Banking management system. Steps to draw E-R Diagrams: Step 1: Identifying main Entities 1. Customer 2. Account 3. Branch 4. Loan 5 Credit - cond 6. Banker - Info Step 2: Defining Attributes for each Entity 1. Customer: Customer_ID (PK), Name, Address, Phone, Email. 2. Account: Account - NO (PK), balance, category 3. Branch: - Branch_ID(PK), Branch_Name, Location, IFSC code 4. Banker_info: Banker_name, Banker_ID(PK), banker-email. 5. Loan : Loan ID (PK) / amount, Duration 6. Credit - Case : Credit - Cood number (PK), Limit, expiry - date. Step-3: Identifying Relationship Blw Entities -A customer can have multiple -Accounts (1-to-An -Account is operated in one Branch (many- to-1)

A customer can have multiple loans (many-to-1)



-A loan is processed by Banker (many-to-) A Banker works in one Branch (many-to-1) Step-4: Set coordinalities using (1:1), (1:N), or, (M:N) . - to indicates how many instances are involved. 51175111 23.977.08 Step 5: - Draw the ER diagram Open draw.io website Draw diagram using: Rectangles for entities
Pllipse for attributes Diamonds offer of relationships SIND Ligar Lines -to a Connect them 3 1.01 (Underline the primary keys. Input! Bank management system output: Entity relationship Diagram (EDD), that clearly All ident -ified entities with attributer. -All relationships with appropriate readinalities. Forcign keys and keys marked appropriately. VEL TECH EX NO. thens reined PERFORMANCE (5) RESULT AND ANALYSIS (5) VIVA VOCE (5) RECORD (5) TOTAL (20) SIG LIVINI DATE Result: Hence, the Entity - Relationship diagram of Banking management System. Successfully drawn using draw.io



TASK NO: 1.2

DATE: 88-08-25 29-07-25

TASK NAME: Convert the ER diagram into Relational Model.

Aim: To Convert the ER Diagram of a banking management system in to Relational Model.

Steps for Converting the ER diagram to the table

- · Entity type becomes a table.
- · All single-valued attribute becomes a column for the table.
- · A key attribute of the entity type refore-
- The moultivalued attribute is represented by a seperate table.
- · Composite attribute represented by compone-
- · Derived attribute are not considered in the table.

VEL TECH	_ 1
EX NO.	11
PERFORMANCE (5)	0
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	15
SIGN WITH DATE	8
	5/8

Result: Hence the convertion of ER diagram into relational model of Banking management System was successfully drawn.