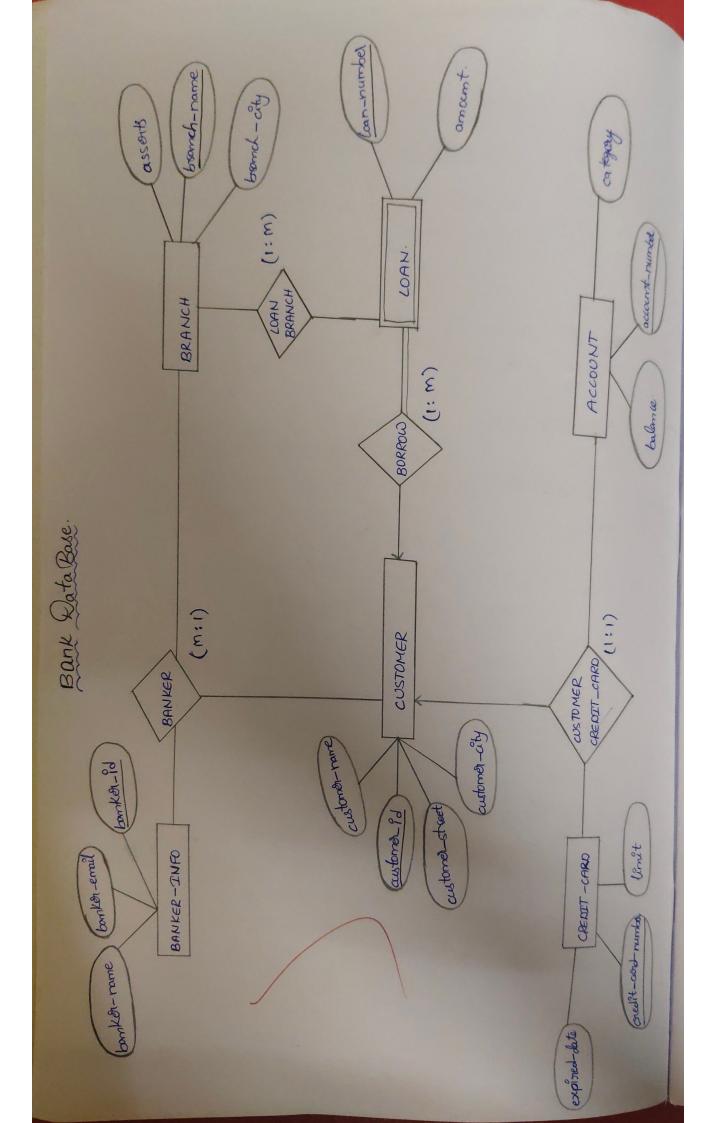
Task No: 1 Date: 29/7/25 Entity-Relationship Diagram Aim? To design om Entity-Relationship Diagram los a Banking Management Design steps to draw E-R diagram? Step-18 Identifying the main Entitles 1. customer 9. Account. 3. Branch. 4. Coan. 5. coredit - cord. 6. Banker-Info Step-2: Defining Attoributes 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, Cocation, IFSC code. 4. Bomkel-info: Bomkel-name, Bomkel-ID (PK), bomkel-email. 5. Coan & Loan-ID (PK), amount, Dwaten. 6. conedit - cord: conedit - coold Number (PK), limit, explory-date Step-3? Identifying Relationship B/W Entitles. A customer can have Multiple Accounts (-to-Many). An account is operated in one Branch (many-to-1). A customer com Lave Multiple loans (1- to many). A Com is processed by Banker (many-to-1) A Bomker works in one Bromen (mony-to-1) Step-4 ? set cordinalities using (1:1), (1:N) or (M:N) to indicates how many instances are involved. Step-5: Draw the ER diagram open dona. To website. Down diagram using: Rectorgles for entitles



Ellipse for attoributes

Diamonds for relationships.

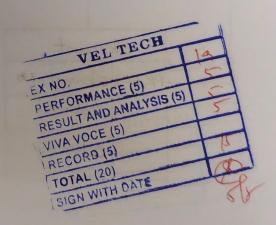
Lines to Connect them.

Underline the primary keys.

Input? Bank Management System.

Output 3

Entity Relationship Diagram (ERD) that clearly shows:
All Identified entitles with attail butes.
All orelationships with appropriate condinalities.
Foreign Keys and Roys marked appropriately.



Result: Hence, the Entity-Relationship diagram of Bomking Momagement system was successfully drawn using draw. io.

Date 29 1/25. Convert ER Diagram to
Relationably Model.

Ain To Convert Banking Monagement ER Dageam into Relational model.

steps for converting the ER diagram to the table.

- * Entity type becomes a table.
- * All single-valued attaibute becomes a column for the table.
- * A Key attoribute of the entity type nepresented by the primary key.
- * The multivalued attoubute is represented by a separate table.
- * Composite afterbute suppresented by comporents.
- * Delived attributes are not considered in the table.

VEL TECH	151
EX NO.	5
PERFORMANCE (5)	0
RESULT AND ANALYSIS (5)	15
VIVA VOCE (5)	1
RECORD (5)	115.3
TOTAL (20)	18
C'GN WITH DATE	-
	6/8

Relational model is converted successfully using obasino.