TASK_2: 9

ER Diagram for a mobile phone purchase and Billing management system. That maintains details of Customers.

AIM:

To design and Entity Relationship (ER)
diagram fost a mobile phone pusichase and
Billing management system that maintains
defails of customens, mobiles, pusichases,
Billing, and login credentials fost
administrative pusitosses

ALGORITHM:

Step 1: Stant

Step 2: Identify the main sofifies.

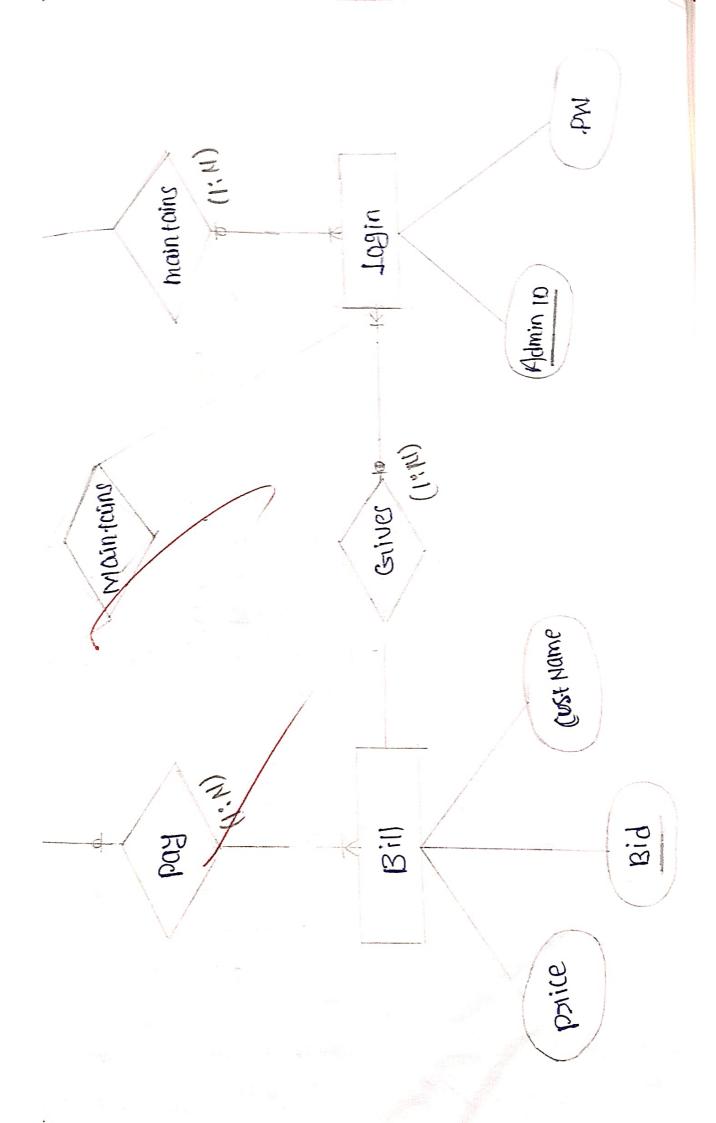
- · COStomes
- . Mobile
- B111
- · Login

Step 3: Letentity the Attibutes down each entity

- CUSTOMEN: CUST ID, CUST NAME,

 CITY, Phoneno, Amount
- · Mobile: phone ID, Mobile Mant Mobile Posice.

Phone 10 priobile posice) Mobile (Mark) (proville flame) (II:N) Amount Pald CUSE NOME Cliftomes C143 0,500 Phone No



. Bill: Bid, CUST Mame, Paice

(MA) PICOMSSOU , OI UIMPH : UIGOT.

Step 3: Identity relationship between Entitles

- · CUStomesi Pusichase Mobile: A (Whomesi)
 Can Pusichases one osi mobiles.
 - e costomes bay Bill: A costomes pays
 - · Bill-gives-login: A bill is given by a login I admin account
 - · Login-maintains-customes I Mabile:
 Admin magnifairs customes and mabile de

Step 4: Determine Cardinality

- · Customen to mobile: Many-to-many
 - · Customes to bill: one-to-one or one-to-
 - Jogin to Bill: one-to-many
 - . Todiu 40 mopile | Costamezi: out-40-war

Stebz: Dram the Ex Diagram

- · Rectangles = Sntitles
- 291UdilthA = 29291113 -
- · Diamonds = Relationships

· · lines = connections

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VELTECH U= madinalitia					
EX NO. SJIM	0000	f	VE.		
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SIGN WITH DATE	M		TO[141. (15)	0	jangan mangan managan m j
Doentho Thus	The	h	rexandence	ent I	17 - KEIOH

diagram dos a mobile phone puschase and billing management is successfully completed

TASK 1.2

Convert & & Diagram into Relationship

AIM:- TO CONVETT AN ER DIAGRAM INTO a RELATIONShip Model fool a mobile phone pusichases database management system.

Steps foot conventing the SR diagram to the table.

* Entity type becomes a table * All single-valued additionte becomes a column door the table.

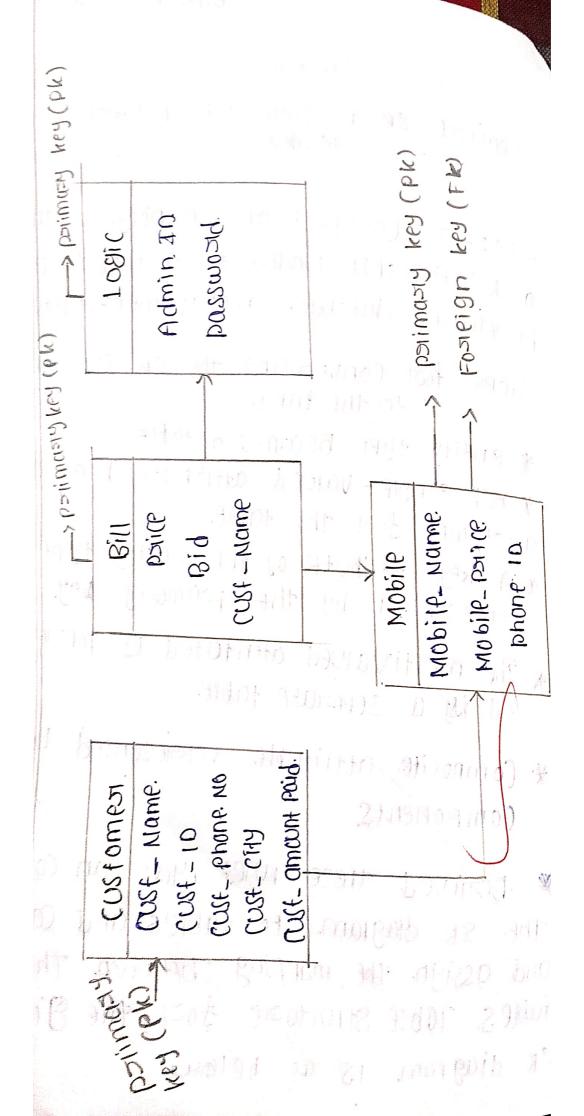
The served by the primary key.

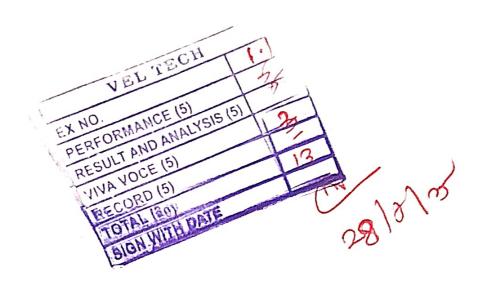
- * The multivalued attributed 13 reportesen ed by a seperate table.
- * Composite attrituble reparesented by components.

components.

* Destived these rules you can conder
the SR. diagram. to tables and colum
and assign the mapping between the
fables. Table Stivenore for the Given

2R diagram. Is as below.





	_/		
VELTE	C	1	
EX No.	_		
PERFORMANCE (5)		_	
RESULT AND ANALYSIS (3)	_	L	
VIVA VOCE (3)		1	
RECORD (4)		1	1
TOTAL (13)	_	Actor	
SIGN WITH DATE	_		

Result:Thus, the connection of an ER
diagram into a relationship model of
a mobile phone putichases data base
management system. was drawn successfulls