Taskl 29/7/21 ER Diagram for a mobile phone purchase and Billing management System that maintains details of -Aim: To design and Entity Relationship (ER) diagram customers for a mobile phone purchase and Billing management system that maintains details of customers. mobiles purchases, billing and logincredentials for administrative purpose A Lgorithm: Step1: Start 2: I dentify the main entities =) customer =) Mobile =) B(1) >> Login step3: Identify the Attributy for each entity Customer: (ust I D, cust Name, city, Phoneno, Amount Mobile: Phone ID, Mobile Name, Mobile Price Bill: Bid, cust Name, Price Login: AdminID, password (40) Stepy: Identify Relation Ship b/w entities =) Customer parchase mobile: A customor car parchases =) customer pay Bill > A customer pays and receives a 6:11 => Bill gives-login: Abillisgluenby alogin admin account =) Logi n-main tains - customer (Mobile: Admin customer & mobile data

14.01 15/1/25 nellie bomes a sadoruq arrord a lidor prot ma (Mobi My) to Hi City windrism but most 242 to some (ust 1) (cust Name (Mobile Name) ind entity pelodienship Amountpaid Phone Peurchase Purchan group only restained on mantaly in aintain pay WI BOJ G J DI CHISE TEN) : number 200 1 mobile Dami Shon e Bill matter/ of (cust Name A shidow Yundrug remo 2 suice (Admin ID) Bid LINE M2 WOLZEROCE + MUDODIO . 3 - Was Brown or a bar + House is a supplied - point month of igos introp alldow

steps: Determine coodinality customer to mobile: Many-to-many Eastomer to bill: one to one or one to may laginto Bill: on eto, many Cogin to mobile/ customer; one-to-many

Stup6: DENOW the ER Diagram

Rectangles = Entities Ellipses = Attributes

Diamonds = Relationship

cinus = (onnections

symbol = cordindities

	VEL TECH
	EX NO.
	PERFORMANCE (5)
	RESULT AND ANALYSIS (3)
	VIVA VOCE (5)
	RECORD (5)
	TOTAL (20)
	GN WITH DATE
	19/8
esult!	They the design an entity Relationship
	They the design an entity

diagram for a mobile phone purchase & billing management is successfully completed

Primary key 4 dmin 10 Password 20802 Mobile_ Name - Parimony lay (1216 Mobile posice - Loverging (FIC) 1000 to privory law Cust Nom e Drone 10 price BÌ Mobile Bid Cust - amount paid Cust C: Cust - phone 10 RE Cust. Nome Cust - ID Cus tom ex Ker province of ((NA) From 7)

in Convert ER Diagram into Relationship Model
Aim: To convert an ex Diagram into a Relationship mode
for a mobile phone purchase data buse management system
steps for converting the ex-piagram to table
a) entity type be comes a table
3) All eingle valued aftribute be comes a column for
the table
=) A ky of the entity type grepmesent
>> The multivalued attributed is seps resented by
Seperatetable
a) (omposite attribute areparesented by component
=) Derived these sully, you can Convert theer
diagram to tables and colums and assign
the map ping.
VEL TECH
PERFORMANCE (5)
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RECORD (5)
SIGN WITH DATE
1918
Puselt: Thes the conversion of an ex Diagram into
in Relation Ship model for a mobile phone
purchase data have mangingentsystem way
drawn successfully.