er Diagonom for a mobile Thone Puorchase and Billing management system that maintains details of customers.

diagram for a mobile Phone Porthose and Billing management system that maintains details of customers mobiles Prochases billing and login coredentials for administrative Porthose.

ALGORITHM:

stand Identify the main Entities

- · customer
- · mobile
- · Bill
- · (09 in

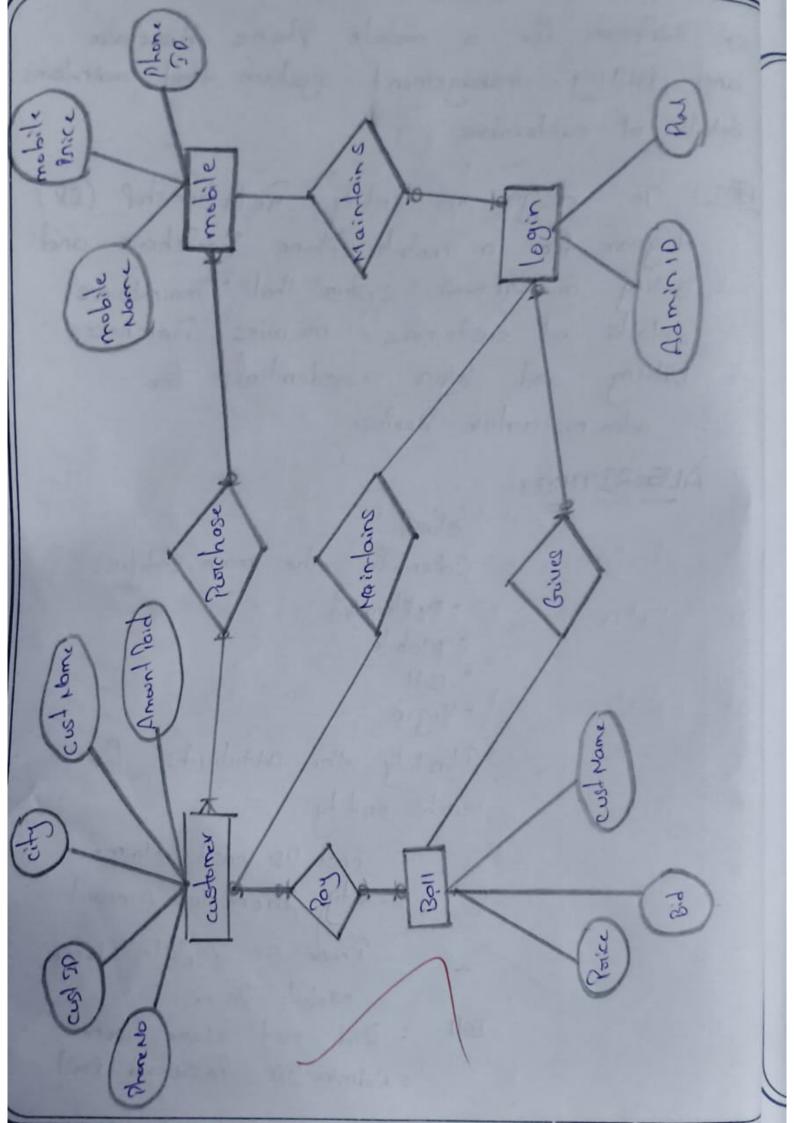
Identify the Attibutes for each entity

cost ID cost Name city PhoneNo Amount

Phone ID Mobile Name

Mobile Price

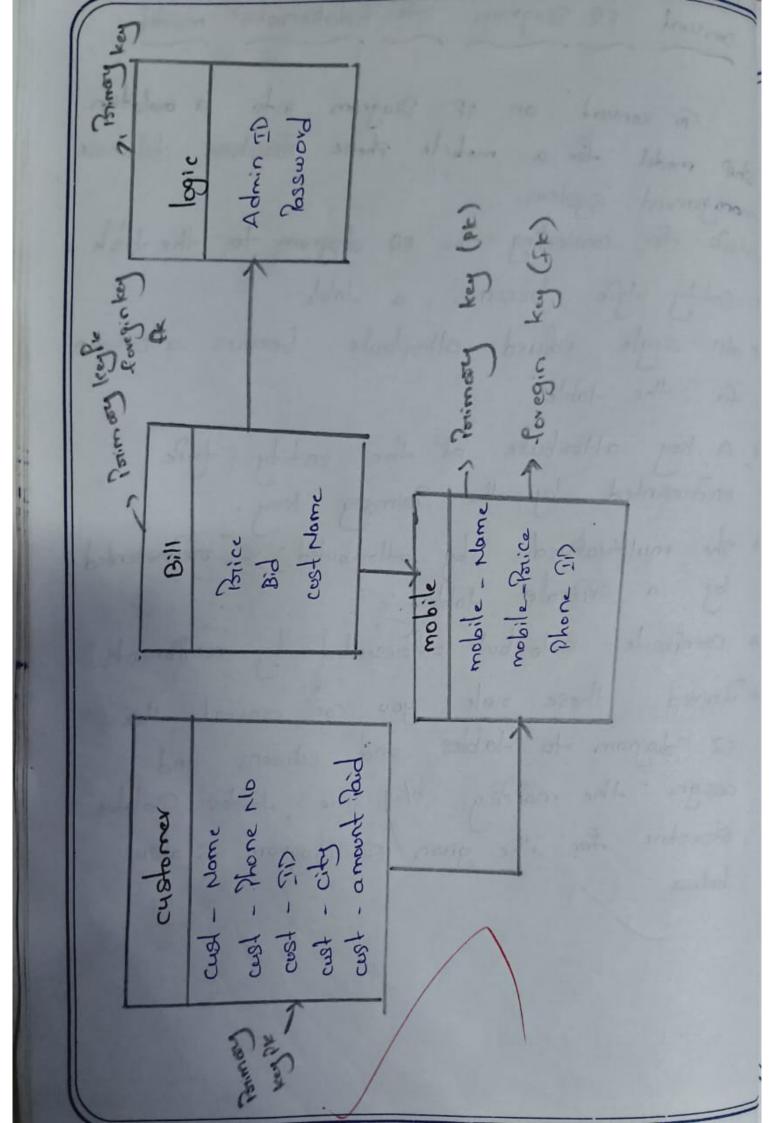
Bill: Bid cust Name Price: Admin ID Password (PNI).



step 3: Identify Relationship between - customer - Puzzzhase - Mobile: Acustomer con Purchases one (or) mobiles - customer - Pay - Bill : A customer Pays and receive bill · Bill - gives - login : A bill is given by a login ladmin account · Logic maindains-customer mobile. Admin main-loins customer and mobile ster 4: Determine coordiality. · cystomer to mobile: many-to-mony. · customer to bill : one - to-one (by) · login to Bill : one - to -many · Login to mobile : customer : one to stels: Down the ER Bliagiam. Redangles: Entities Diamonds = Relation arror Lines : connections Avoc symbols : condinalities Roult: Thus the design on endity Relationship diagram for a mobile Thone Purchase and billing monogenest is successfully completed.

Date: 29/7/25 Task-1.2 Convert ER Diagram into Relationship model To convert an EF Diagram into a melation ship model for a mobile shone Ranches delabase moragement system. stells for converting the ER diggroom to the toble + Endity type becomes a dable * All single valued attribute becomes a column for the table * A key attoribute of the entity type stersted by the Posimony key. * The multivatured by a-Hoributed is stersiesented by a serevate table. * composite attoribute refresented by components

* Resided these siels you can convert the ER diagram to tables and columns and assign the mailing both the tobles Tobles Statucture for the given ER diagram is also below



EX NO. PERFORMANCE (5) PERFORMANCE (5) RESULT AND AMALYSIS (5) VIVA VOCE (3) VIVA VOCE (3) TOTAL (20) TOTAL (20)
SIGN WITH DATE

Result: thus the conversion of an er Piggram into in Relationship model for a mobile Phone Parchase data bose management system was drown surgessfully.