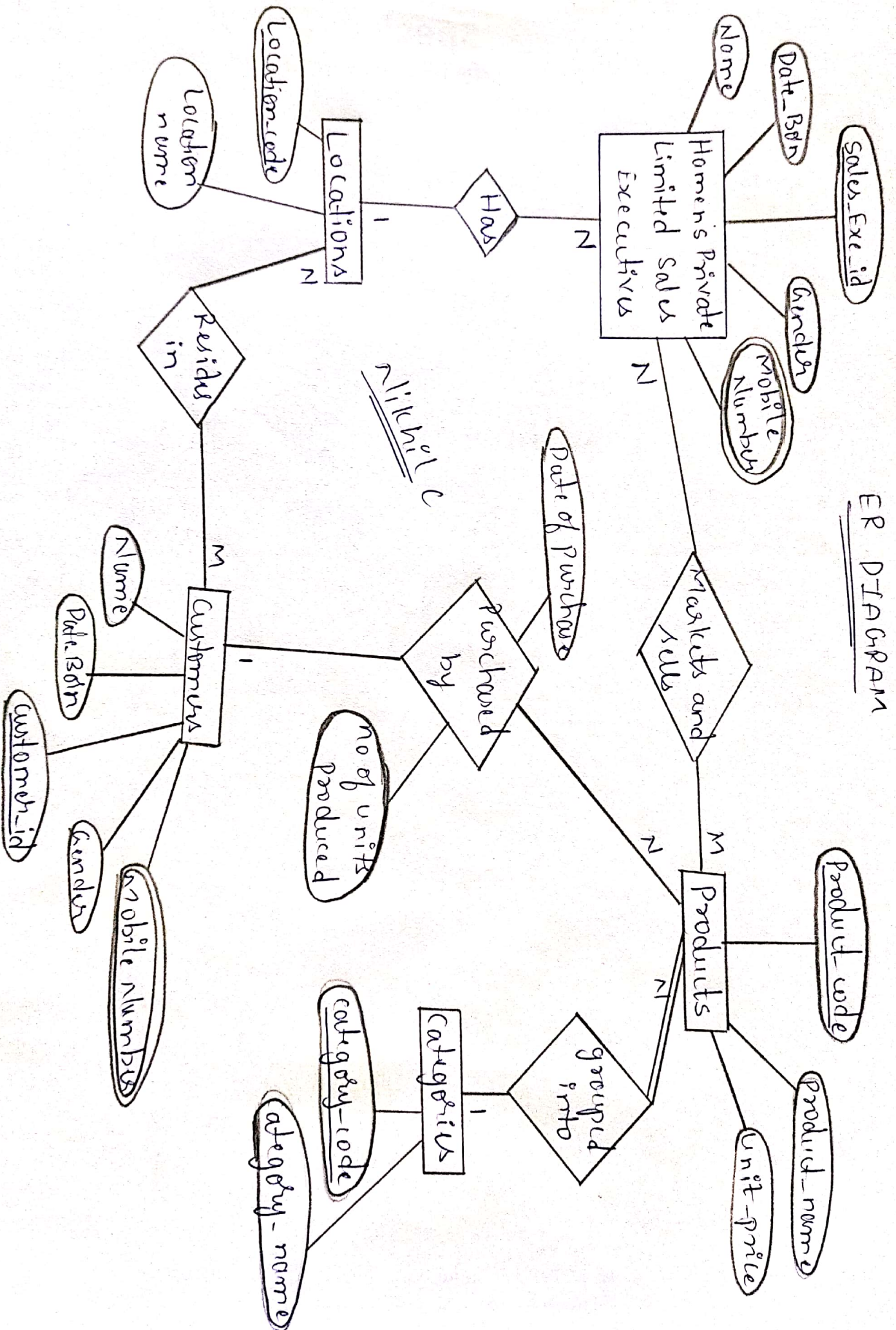


ER DIAGRAM

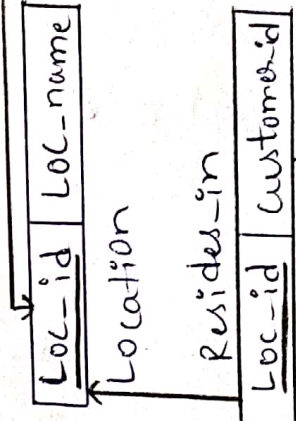


Human's_sales_Executives

<u>Sales_exe_id</u>	Name	Date-Born	Gender	<u>Location_id</u>
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Human's_sales_Executive_Mobile_No

<u>Sales_exe_id</u>	<u>Mobile-number</u>
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Products.

<u>Product-code</u>	Product-name	unit-price	<u>category</u> Product-code
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Markets and sell.

<u>Exe-id</u>	<u>Product-code</u>
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categories

<u>category-code</u>	customer-name
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Customer

<u>customer_code</u>	Name	BDOB	Gender
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customer-mobile-no

<u>customer-code</u>	<u>mobile-number</u>
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Purchased-by

<u>customer-code</u>	<u>product-code</u>	Date of Purchase	No of units
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The above relational schema is in 3NF.

- 1) 1NF \rightarrow Multivalued attributes are split into new tables in sales_executive table and customer table. All the attributes are atomic.
- 2) 2NF \rightarrow ~~the~~ All the non-key attributes ~~of~~ are dependent on ~~the~~ primary key only in all relation.
- 3) 3NF \rightarrow Since there are only dependency between primary key and foreign keys from other relations, there are no transitive relations.