

DBMS Assinment-1

Title:Amazon like commercial site cart data management platform

ABSTRACT

Title:Amazon like commercial site
cart data mangement platform

An web service system that permits a customer to submit online orders for items and/or services from a store that serves both walk-in customers and online customers.In commercial sites any one can buy a product and sell a product this are two users are available .buyer can search for product and customer can place order to buy a product for the site customer can also give rating for product and provided service.Once the customer decides to submit a purchase order, the customer may print the contents of the virtual shopping basket in order to obtain a hard copy record of the transaction. This project has 7 tables this tables describes how the user can select product and places a order and selling products.

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REQUIREMENT ANALYSIS:

List Tables:5

Table name	Attributes	Domain
1.Seller	1.Sid 2.Sname 3.Rating	Varchar2(20) Char (50)Number(10)
1.Sell	1.Sid 2.Pid3.Date	Varchar2(10) Char(20)Date
3.Product	1.Pid 2.Pname3.product description	Varchar2(30) Char(30) Varchar2(50)

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4.Search	1.Pid 2.Bid	Varchar2(30) Varchar2(20)
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5.Buyer	1.Bid 2.Bname 3.Address 4.phoneno	Varchar2(20) char(40) Varchar2(50) number(10)
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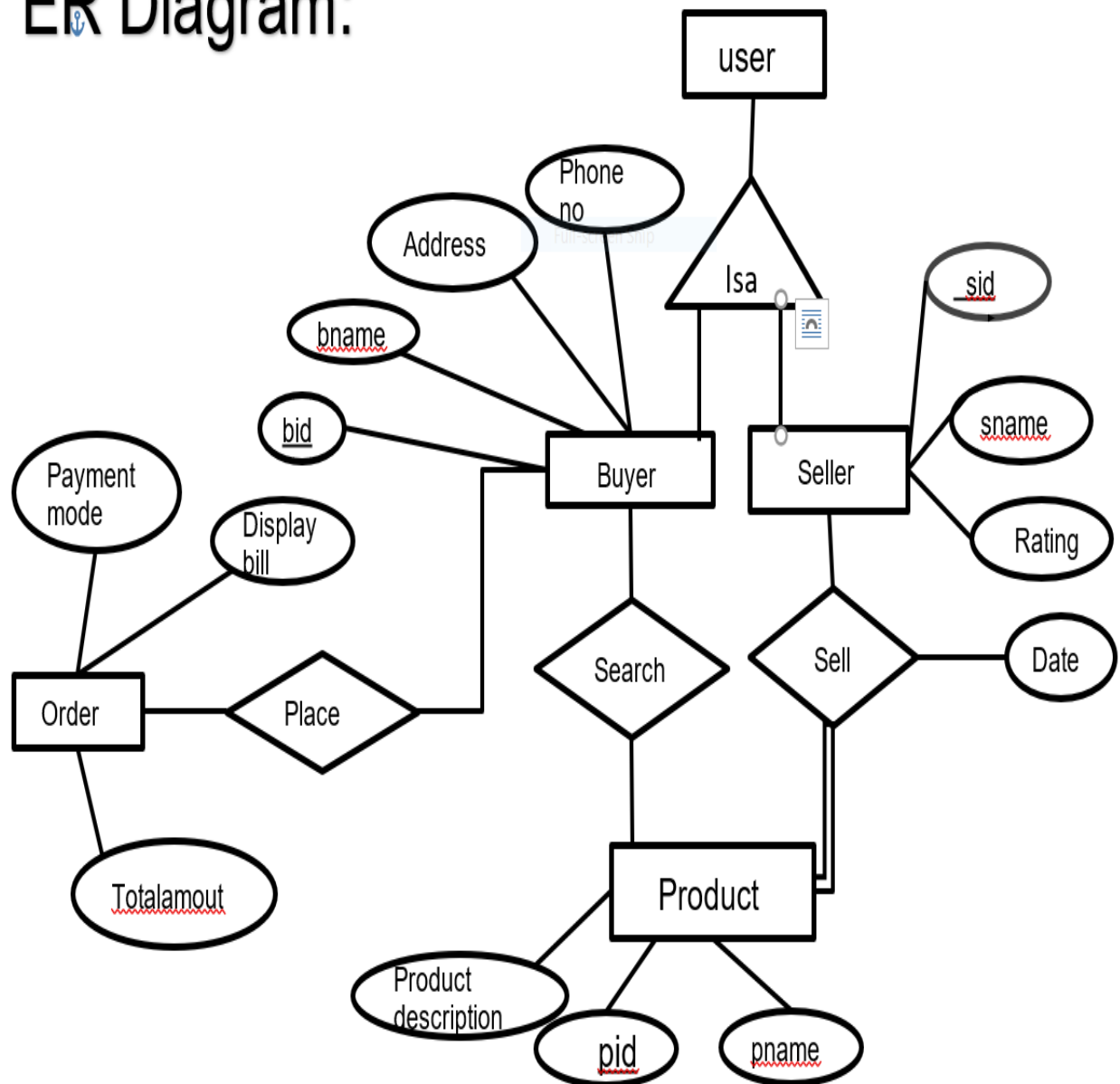
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ER Diagram:



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Mapping Cardinalities and Participation Constraints:

- °Many seller's can sell many product so this will be many to many mapping cardinalitie
- ° Many buyer's can search one product at time so this will be one to many mapping cardinalities
- °A buyer can buy a number of products so this will be one to many mapping cardinalities
- °A seller can sell number of products or single product so is total participation
- °A buyer can buy the product or can visit the site so this can partial participation

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DDL:

```
Run SQL Command Line
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SQL> conn kusuma/vasavi
Connected.
SQL> select * from tab;

TNAME                                TABTYPE  CLUSTERID
-----                                -
BUYER                                TABLE
PRODUCT                             TABLE
SEARCH                               TABLE
SELL                                 TABLE
SELLER                               TABLE

SQL> desc seller;
Name                                Null?    Type
-----
SID                                NOT NULL VARCHAR2(20)
SNAME                              CHAR(50)
RATING                             NUMBER(10)

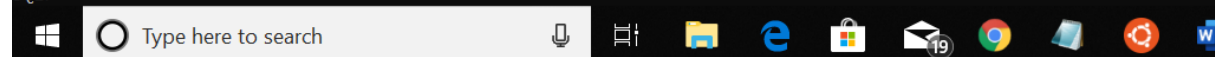
SQL> desc sell;
Name                                Null?    Type
-----
SID                                VARCHAR2(20)
PID                                VARCHAR2(30)
DATEOFJOIN                         DATE

SQL> desc product;
Name                                Null?    Type
-----
PID                                NOT NULL VARCHAR2(30)
PNAME                              CHAR(30)
PRODUCTDESCRIPTION                 VARCHAR2(50)

SQL> desc search;
Name                                Null?    Type
-----
PID                                VARCHAR2(30)
BID                                VARCHAR2(20)

SQL> desc buyer;
Name                                Null?    Type
-----
BID                                NOT NULL VARCHAR2(20)
BNAME                              CHAR(40)
ADDRESS                            VARCHAR2(50)
PHONENO                            NUMBER(10)

SQL>
```



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DML:

```
Select Run SQL Command Line

SQL> select * from product;

PID                PNAME
-----
PRODUCTDESCRIPTION
-----
1                  3
20000

5                  5
600

10                 4
700

PID                PNAME
-----
PRODUCTDESCRIPTION
-----
60                 3
1000

SQL> select * from search;

PID                BID
-----
1                  1
1                  3
5                  3
10                 1

SQL> select * from buyer;

BID                BNAME
-----
ADDRESS                PHONENO
-----
1                  sai
srnagar                9908807377

2                  tom
agcolony                8686613606

3                  ram
nampally                9700744464
```

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Select Run SQL Command Line

```
SQL> select * from seller;
```

SID	RATING	SNAME
1	5	ram
2	7	sai
3	8	sri

```
SQL> select * from seller;
```

SID	RATING	SNAME
4	9	bob
5	9	lack

```
SQL> select * sell;
select * sell
      *
ERROR at line 1:
ORA-00923: FROM keyword not found where expected

SQL> select * from sell;
```

SID	PID	DATEOFJOI
1	1	08-AUG-19
2	5	06-JAN-00
2	10	20-DEC-01

```
SQL> select * from product;
```

PID	PNAME	PRODUCTDESCRIPTION
1	3	

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