E MEDICINE

SALES

SYSTEM

Roll No:1602-18-737-107

Name: T. Sujitha

ABSTRACT:

Digital marketing is also popularly known as online marketing or internet marketing. Online medicine purchase is popular worldwide due to convenience. This is a small-scale project for E medicine sales system. An online E medicine sales system that permits a customer to submit online orders for medicines or services from an online store that serves online customers. The basic idea is that customers can buy medicines online. The administrator can enter name, password and can create an account. User can post requirement for medicine. User can purchase medicine online. Medicine delivery provided by the nearest associate store. User can search for medicine in the online store. This application provides pre-information about the stock of the medicine. Users can order the required medicines online and can get them easily. They can even check the status of ordering. This application provides logins to the users. They can maintain their account. Once the customer decides to submit a purchase order, the customer may print all the contents of medicines in order to obtain a hard copy record of the transaction.

REQUIREMENT ANALYSIS

List of tables:

- LOGIN
- HAS
- USER ACCOUNT
- SEARCH
- MEDICINE
- ORDERS
- ORDER DETAILS

List of attributes with their domain types:

LOGIN:

Login_id: number

Username: varchar2

Password :varchar2

Has:

Login_id : number()

User_id: number()

User account

User_id : number()

Username :varchar2()

Password : varchar2()

Pno: number()

Email: varchar(20)

Address : varchar()

Search:

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User_id: number()

Mid : number()

Medicine:

Mid:number()

Mname:varchar()

Price: number()

In_stock: varchar2()

Orders:

ORDER_ID : NUMBER(5)

MID :NUMBER(5)

USER_ID : NUMBER(5)

Order_details:
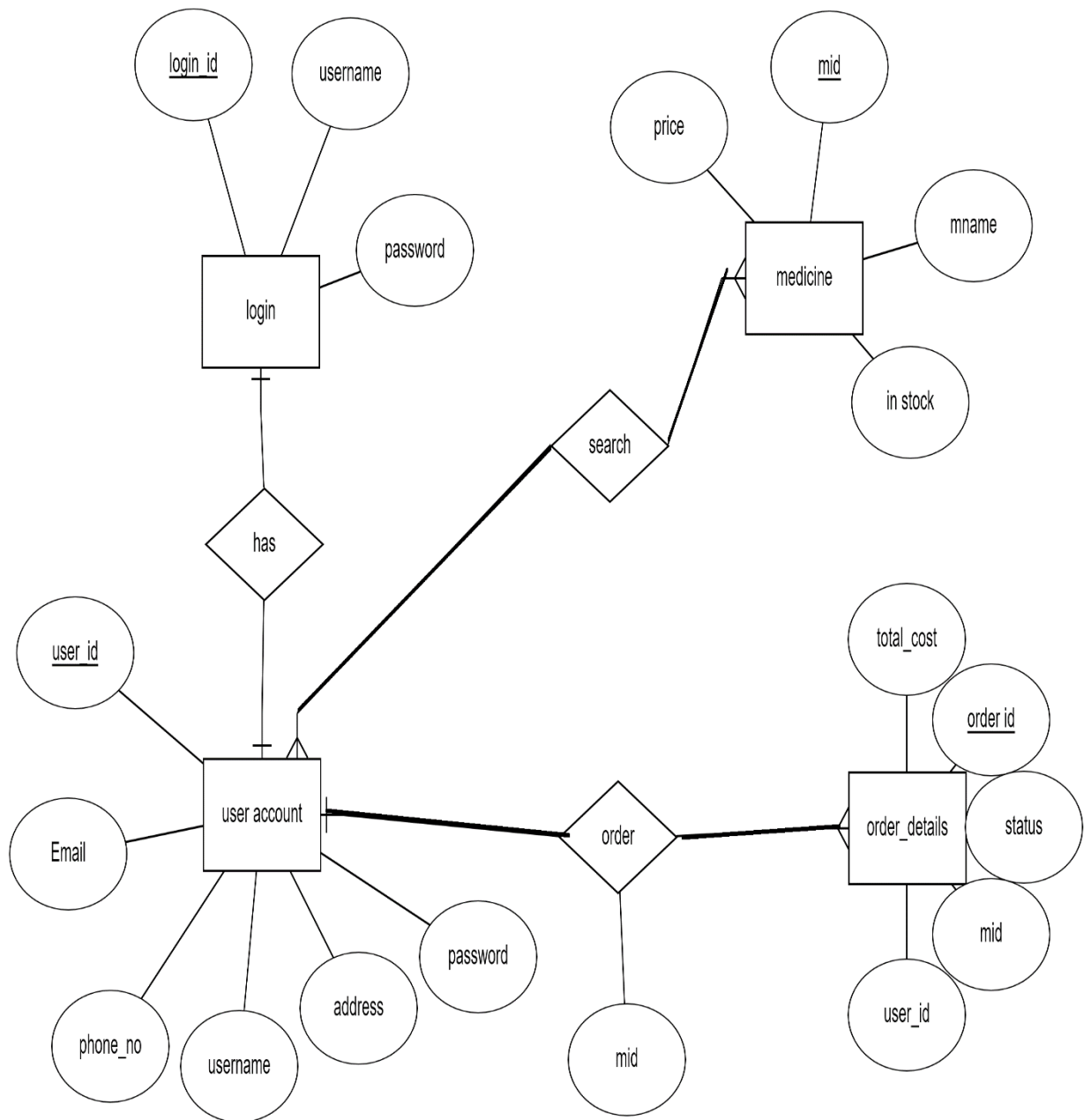
ORDER_ID : NUMBER(5)

TOTAL_COST : NUMBER(8)

STATUS :VARCHAR2(20)

USER_ID :NUMBER(5)

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ER DIAGRAM:

Mapping Cardinalities and Participation Constraints:

A user can have a single login Id therefore one to one mapping cardinality between login and user_account.

A user can search for many numbers of medicines and one medicine can be searched by many numbers of users so, many to many mapping cardinality between user_account and medicine.

A user can give many numbers of orders but all orders of one user are considered as one therefore many to one mapping cardinality between user_account and order details.

DDL COMMANDS:

SQL> create table login(login_id number(5) primary key,username varchar2(15),password varchar2(15));

Table created.

SQL> create table medicine(mid number(5) primary key,mname varchar2(15),price number(5),in_stock varchar(7));

Table created.

SQL> create table user_account(user_id number(5) primary key,username varchar2(10),password varchar(10),pno number(10),email varchar(25),address varchar2(30));

Table created.

SQL> create table order_details(order_id number(5),total_cost number(8),status varchar2(20),user_id number(5));

Table created.

SQL> create table has(login_id number(5),user_id number(5),primary key(login_id,user_id),foreign key(login_id) references login(login_id),foreign key(user_id) references user_account(user_id));

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Table created.

SQL> create table search(user_id number(5),mid number(5),primary key(user_id,mid),foreign key(user_id) references user_account(user_id),foreign key(mid) references medicine(mid));

Table created.

SQL> create table orders(order_id number(5) primary key,mid number(5),user_id number(5),foreign key(order_id) references order_details(order_id),

    foreign key(mid) references medicine(mid),foreign key(user_id) references user_account(user_id));

SQL> alter table order_details add(primary key(order_id));

Table altered.

SQL> desc order_details;

 Name   Null?   Type

 -- -------- ---------------------------

 ORDER_ID   NOT NULL NUMBER(5)

 TOTAL_COST   NUMBER(8)

 STATUS   VARCHAR2(20)

 USER_ID   NUMBER(5)

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SQL> desc orders;

Name	Null?	Type
ORDER_ID	NOT NULL	NUMBER(5)
MID		NUMBER(5)
USER_ID		NUMBER(5)

SQL> desc medicine;

Name	Null?	Type
MID	NOT NULL	NUMBER(5)
MNAME		VARCHAR2(15)
PRICE		NUMBER(5)
IN_STOCK		VARCHAR2(7)

SQL> desc login;

Name	Null?	Type
LOGIN_ID	NOT NULL	NUMBER(5)
USERNAME		VARCHAR2(15)
PASSWORD		VARCHAR2(15)

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SQL> desc user_account;

Name	Null?	Type
USER_ID	NOT NULL	NUMBER(5)
USERNAME		VARCHAR2(10)
PASSWORD		VARCHAR2(10)
PNO		NUMBER(10)
EMAIL		VARCHAR2(25)
ADDRESS		VARCHAR2(30)

SQL> desc has;

Name	Null?	Type
LOGIN_ID	NOT NULL	NUMBER(5)
USER_ID	NOT NULL	NUMBER(5)

SQL> desc search;

Name	Null?	Type
USER_ID	NOT NULL	NUMBER(5)
MID	NOT NULL	NUMBER(5)

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DML COMMANDS:

SQL> insert into login values(&login_id,'&username','&password');

Enter value for login_id: 1509

Enter value for username: raja

Enter value for password: mypassword

old   1: insert into login values(&login_id,'&username','&password')

new   1: insert into login values(1509,'raja','mypassword')

1 row created.

SQL> /

Enter value for login_id: 910

Enter value for username: sujitha

Enter value for password: sujitha@123

old   1: insert into login values(&login_id,'&username','&password')

new   1: insert into login values(910,'sujitha','sujitha@123')

1 row created.

SQL> /

Enter value for login_id: 1907

Enter value for username: srinu

Enter value for password: sujji@xyz

old   1: insert into login values(&login_id,'&username','&password')

new   1: insert into login values(1907,'srinu','sujji@xyz')

1 row created.

SQL> sujji@xyz

SQL> insert into user_account values(&user_id,'&username','&password',&pno,'&email','&address');

Enter value for user_id: 0910

Enter value for username: sanjeev

Enter value for password: thambi

Enter value for pno: 9876543210

Enter value for email: sanjeev@gmail.com

Enter value for address: Rajahmundry

old   1: insert into user_account values(&user_id,'&username','&password',&pno,'&email','&address')

new   1: insert into user_account values(0910,'sanjeev','thambi',9876543210,'sanjeev@gmail.com','Rajahmundry')

1 row created.

SQL> /

Enter value for user_id: 1009

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Enter value for username: smily

Enter value for password: smile

Enter value for pno: 1234567895

Enter value for email: smileplease@gmail.com

Enter value for address: anaparthi

old   1: insert into user_account values(&user_id,'&username','&password',&pno,'&email','&address')

new   1: insert into user_account values(1009,'smily','smile',1234567895,'smileplease@gmail.com','anaparthi')

1 row created.

SQL> /

Enter value for user_id: 0209

Enter value for username: reshma

Enter value for password: lolly123

Enter value for pno: 9875462310

Enter value for email: reshma@gmail.com

Enter value for address: hydernagar

old   1: insert into user_account values(&user_id,'&username','&password',&pno,'&email','&address')

new   1: insert into user_account values(0209,'reshma','lolly123',9875462310,'reshma@gmail.com','hydernagar')

1 row created.

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SQL> insert into medicine values(&mid,'&mname',&price,'&in_stock');

Enter value for mid: 5678

Enter value for mname: paracetemol

Enter value for price: 1

Enter value for in_stock: yes

old   1: insert into medicine values(&mid,'&mname',&price,'&in_stock')

new   1: insert into medicine values(5678,'paracetemol',1,'yes')

1 row created.

SQL> /

Enter value for mid: 1234

Enter value for mname: riboflavin

Enter value for price: 3

Enter value for in_stock: yes

old   1: insert into medicine values(&mid,'&mname',&price,'&in_stock')

new   1: insert into medicine values(1234,'riboflavin',3,'yes')

1 row created.

SQL> /

Enter value for mid: 9876

Enter value for mname: ORSl

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Enter value for price: 30

Enter value for in_stock: yes

old   1: insert into medicine values(&mid,'&mname',&price,'&in_stock')

new   1: insert into medicine values(9876,'ORSl',30,'yes')

1 row created.

SQL> /

Enter value for mid: 872

Enter value for mname: crocin

Enter value for price: 10

Enter value for in_stock: no

old   1: insert into medicine values(&mid,'&mname',&price,'&in_stock')

new   1: insert into medicine values(872,'crocin',10,'no')

1 row created.

SQL>

SQL> insert into has values(&login_id,&user_id);

Enter value for login_id: 1509

Enter value for user_id: 910

old   1: insert into has values(&login_id,&user_id)

new   1: insert into has values(1509,910)

1 row created.

SQL> /

Enter value for login_id: 910

Enter value for user_id: 209

old   1: insert into has values(&login_id,&user_id)

new   1: insert into has values(910,209)

1 row created.

SQL> /

Enter value for login_id: 1907

Enter value for user_id: 1009

old   1: insert into has values(&login_id,&user_id)

new   1: insert into has values(1907,1009)

1 row created.

SQL> insert into search values(&user_id,&mid);

Enter value for user_id: 1009

Enter value for mid: 1234

old   1: insert into search values(&user_id,&mid)

new   1: insert into search values(1009,1234)

1 row created.

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SQL> /

Enter value for user_id: 209

Enter value for mid: 9876

old   1: insert into search values(&user_id,&mid)

new   1: insert into search values(209,9876)

1 row created.

SQL> /

Enter value for user_id: 910

Enter value for mid: 5678

old   1: insert into search values(&user_id,&mid)

new   1: insert into search values(910,5678)

1 row created.

SQL> select * from order_details;

no rows selected

SQL> insert into order_details values(&order_id,&total_cost,'&status');

Enter value for order_id: 1

Enter value for total_cost: 122

Enter value for status: pending

old   1: insert into order_details values(&order_id,&total_cost,'&status')

new   1: insert into order_details values(1,122,'pending')

1 row created.

SQL> /

Enter value for order_id: 2

Enter value for total_cost: 321

Enter value for status: completed

old   1: insert into order_details values(&order_id,&total_cost,'&status')

new   1: insert into order_details values(2,321,'completed')

1 row created.

SQL> /

Enter value for order_id: 5

Enter value for total_cost: 100

Enter value for status: pending

old   1: insert into order_details values(&order_id,&total_cost,'&status')

new   1: insert into order_details values(5,100,'pending')

1 row created.

SQL> insert into orders values(&order_id,&mid,&user_id);

Enter value for order_id: 1

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Enter value for mid: 1234

Enter value for user_id: 1009

old   1: insert into orders values(&order_id,&mid,&user_id)

new   1: insert into orders values(1,1234,1009)

1 row created.

SQL> /

Enter value for order_id: 2

Enter value for mid: 9876

Enter value for user_id: 209

old   1: insert into orders values(&order_id,&mid,&user_id)

new   1: insert into orders values(2,9876,209)

1 row created.

SQL> /

Enter value for order_id: 5

Enter value for mid: 5678

Enter value for user_id: 910

old   1: insert into orders values(&order_id,&mid,&user_id)

new   1: insert into orders values(5,5678,910)

1 row created.

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SQL> select * from login;

  LOGIN_ID USERNAME   PASSWORD

---------- --------------- ---------------

     1509 raja   mypassword

      910 sujitha   sujitha@123

    1907 srinu   sujji@xyz

SQL> select * from has;

  LOGIN_ID   USER_ID

---------- ----------

    1509   910

     910   209

    1907   1009

SQL> select * from user_account;

  USER_ID USERNAME PASSWORD   PNO EMAIL

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ADDRESS

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    910 sanjeev   thambi   9876543210 sanjeev@gmail.com

Rajahmundry

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Name: T. Sujitha

1009 smily   smile   1234567895 smileplease@gmail.com
anaparthi

209 reshma   lolly123   9875462310 reshma@gmail.com
hydernagar

SQL> select * from search;

```
    USER_ID       MID
---------- ----------
      1009      1234
       209      9876
       910      5678
```

SQL> select * from medicine;

```
    MID MNAME          PRICE IN_STOC
---------- --------------- ---------- -------
   5678 paracetemol        1 yes
   1234 riboflavin         3 yes
   9876 ORSl              30 yes
    872 crocin            10 no
```

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SQL> select * from orders;

```
  ORDER_ID      MID   USER_ID
---------- ---------- ----------
         1      1234      1009
         2      9876       209
         5      5678       910
```

SQL> select * from order_details;
```
ORDER_ID TOTAL_COST  STATUS
---------- ---------- --------------------
         1        122  pending
         2        321  completed
         5        100  pending
```