ONLINE PAYMENT TRACKING SYSTEM

Title – online payment tracking system

Abstract

Financial assessment is very vital in any trade, no trader would ever want any errors or mistakes in managing the money of his or her business. For such people who are very particular about their financial stuff, they should go for payment metrics & analytics system. The online payment is reliable, secure and fast so many people go for online payment system. But it is also important for an individual to about the status of payment and transaction he/ she made so we need to have a database regarding the transactions. This project consists of 6 tables with their respective attributes, this shows how customers are related in online payment system through their login registration. The online payment tracking system helps in tracking & gauging payments which require great efforts and precision. Also, you will be able to generate invoices of those payments at anytime you want to.

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REQUIREMENT ANALYSIS

LIST OF TABLES

- User
- Login
- Bill
- Account
- Payment
- Receipt

LIST OF ATTRIBUTES WITH THEIR DOMAIN TYPES

USER

- Userid varchar2 ()
- Username varchar2 ()
- Address varchar2 ()

LOGIN

- Loginid varchar2 ()
- Password varchar2 ()
- Phone number ()
- Email varchar2 ()

ACCOUNT

- Desc varchar2 ()

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- Loginid varchar2 ()
- Userid()
- Type varchar2 ()
- Num number ()

BILL

- Desc varchar2 ()
- Billid()
- Type varchar2 ()

PAYMENT

- Payid varchar2 ()
- Date varchar2 ()
- Amount varchar2 ()

RECEIPT

- Desc varchar2 ()
- Receiptid varchar2 ()
- Type varchar2 ()

ER DIAGRAM-

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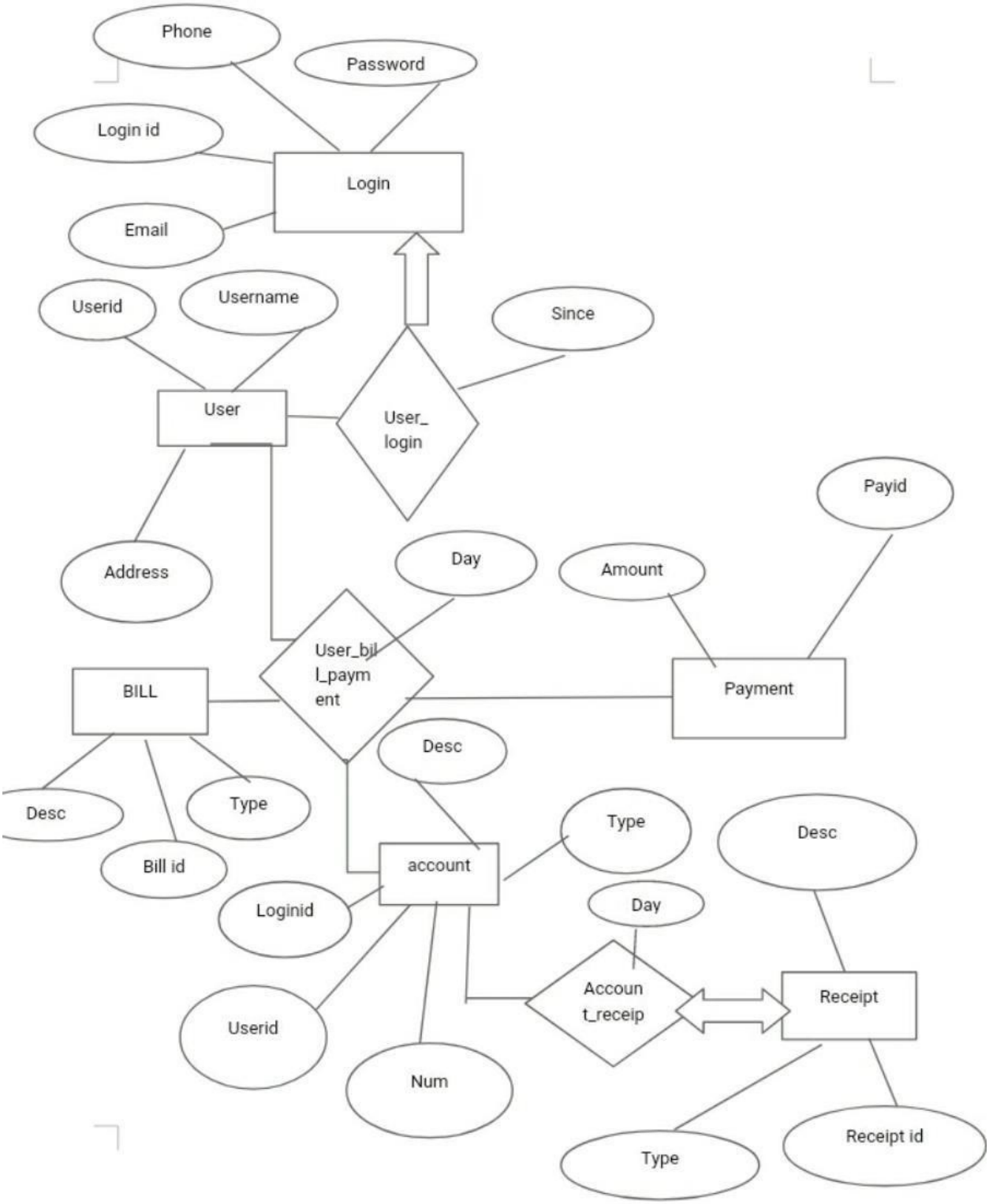

Mappings cardinalities and Participation Constraints

The entity login is a one to one mapping for users because a user can have only one login for payment, it’s a total participation.

A user can have many bills so it has one to many mappings.

A user can even make many more payment transaction which satisfies one to many mapping participation.

A user can have only one account which satisfies one to one mappings, which gives total participation.

Account can have more than one receipts so it satisfies one to many mappings.

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DDL COMMANDS

```
SQL> desc login
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------
------
 LOGINID                                            VARCHAR2(10)
 PHONE                                              NUMBER(20)
 PASSWORD                                           VARCHAR2(20)
 EMAILID                                            VARCHAR2(20)

SQL> desc users
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------
------
 USERID                                             VARCHAR2(20)
 USERNAME                                           VARCHAR2(20)
 ADDRESS                                            VARCHAR2(20)
 PHONE                                              NUMBER(10)

SQL> desc account
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------
------
 DESCRIPTION                                        VARCHAR2(20)
 TYPE                                               VARCHAR2(20)
 LOGINID                                            VARCHAR2(20)
 USERID                                             VARCHAR2(20)
 NUM                                                NUMBER(20)

SQL> desc bill
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------
------
 BILLID                                             VARCHAR2(20)
 TYPE                                               VARCHAR2(20)
 DESCRIPTION                                        VARCHAR2(20)

SQL> desc payment
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------
------
 PAYID                                              VARCHAR2(20)
 DAY                                                VARCHAR2(20)
 AMOUNT                                             VARCHAR2(20)
 ONLINEMODE                                         VARCHAR2(20)
```

DML COMMANDS

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```
SQL> select * from login;

LOGINID         PHONE PASSWORD             EMAILID
---------- ---------- -------------------- --------------------
084        6304352271 monica               monica@gmail.com
064        7307657789 ruchiii              ruh@gmail.com
074         546478220 hyndddd              hyndh@gmail.com

SQL> select * from users;

USERID               USERNAME             ADDRESS                   PHONE
-------------------- -------------------- -------------------- ----------
84                   mon                  hyderabad            9989265642
64                   ruchitha             secunderabad         1234567890
74                   hyndhu               alwal                 987654321

SQL> select * from account;

DESCRIPTION          TYPE                 LOGINID
-------------------- -------------------- --------------------
USERID                        NUM
-------------------- ----------
account details      savings              084
84                         56567

account details      savings              064
64                          6464

account details      business             074
74                          7474


SQL> select * from bill;

BILLID               TYPE                 DESCRIPTION
-------------------- -------------------- --------------------
1084                 credit card          billing details
1064                 phone pe             billing deatils
1074                 gpay                 billing details

SQL> select * from payment;

PAYID                DAY                  AMOUNT
-------------------- -------------------- --------------------
ONLINEMODE
--------------------
0084                 25/08/20             2500
online

0064                 04/06/20             4000
online

0074                 28/11/20             2800
online
```

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```
SQL> select * from receipt;

RECEIPTID            TYPE                 DESCRIPTION
-------------------- -------------------- --------------------
840                  slip                 transaction details
640                  online receipt       transaction details
740                  online receipt       transaction details
```