Team 6

Final Table Creation and Data Insertion

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/***************************/
CREATE TABLE USER_INFO (
USER_ID INT NOT NULL,
Phone VARCHAR(20) NOT NULL,
EmailAddress varchar(50) NOT NULL,
Address varchar(50) NULL,
Mailing_Address varchar(50) NOT NULL,
SSN_NUM INT NOT NULL,
Marital_Status varchar(50) NOT NULL,
CONSTRAINT User_InfoPK PRIMARY KEY(USER_ID),
CONSTRAINT User_InfoAK1 UNIQUE(Phone),
CONSTRAINT User InfoAK2 UNIQUE(SSN NUM)
);
INSERT INTO USER INFO VALUES(
14622911, 6175841298, 'jasonboozo@gmail.com', '89 Ocean View Dr.', '547 Balling St. Apt 50',
79862415, 'Married');
INSERT INTO USER_INFO VALUES(
28274103, 5142869588, 'chriswang@umb.edu', '680 Washington St.', '680 Washington St.', 555784125,
'Single');
INSERT INTO USER_INFO VALUES(
18148266, 6179541001, 'randyorton@gmail.com', '133 Post Ave Apt 32', "110 Post Ave", 125499634,
'Single');
INSERT INTO USER_INFO VALUES(
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16605577, 6789397491, 'michellewu@gmail.com', '200 Merrimack St #4TH', '200 Merrimack St #4TH',
514789241, 'Married');
INSERT INTO USER_INFO VALUES(
9488854, 7023955708, 'tiphlairxz@hotmauil.com', "864 Hixville Rd North Dartmouth", "864 Hixville Rd
North Dartmouth", 155789418, 'Single');
INSERT INTO USER_INFO VALUES(
47425455, 7742020953, 'sdad3wi@gmail.com', '725 Pleasant St #APT 505', '63 Crapo St, New Bedford',
548123698, 'Married');
INSERT INTO USER_INFO VALUES(
26243836, 8473561978, 'fancyfan@gmail.com', '10 Brighton Rd, Naugatuck', '10 Brighton Rd,
Naugatuck', 763003124, 'Married');
INSERT INTO USER INFO VALUES(
45676030, 7178563598, 'duke001abm@gmail.com', '409 K Ave, Kure Beach', '409 K Ave, Kure Beach',
155588727, 'Divorce');
INSERT INTO USER INFO VALUES(
22685918, 27015689842, 'masonkahalifa@gmail.com', 'Sonora Hrdn R Spg', 'Sonora Hrdn R Spg',
747881806, 'Single');
INSERT INTO USER INFO VALUES(
89856455, 6178881599, 'rogerblake@gmail.com', '125 Campus View Dr.', '125 Campus View Dr.',
558146789, 'Married');
/***** USER REGISTER TABLE **********/
CREATE TABLE USER_REGISTER (
USER_ID INT NOT NULL,
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ROLE_ID INT NOT NULL,

GROUP ID INT NOT NULL,

LOGIN ID INT NOT NULL,

ACCESS_ID INT NOT NULL,

USER_NAME varchar(20) NOT NULL,

USER_PASSWORD varchar(20) NOT NULL,

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CONSTRAINT USER_REGISTERPK PRIMARY KEY(USER_ID, ROLE_ID, GROUP_ID, LOGIN_ID, ACCESS_ID),
CONSTRAINT USER_REGISTERAK1 UNIQUE(USER_NAME)
);
INSERT INTO USER_REGISTER VALUES(
14622911, 33844249, 820, 45584728, 22356179, 'James102', 'Awefrefv10%');
INSERT INTO USER_REGISTER VALUES(
28274103, 39510698, 949, 39883121, 36692710, 'Charlie03', 'EQdscsd20#');
INSERT INTO USER_REGISTER VALUES(
18148266, 44401049, 827, 43697894, 22567890, 'Philip142', 'dcwcEC30#');
INSERT INTO USER_REGISTER VALUES(
16605577, 92556505, 345, 6467588, 22443781, 'Nicol20', 'wwecNT13$');
INSERT INTO USER_REGISTER VALUES(
9488854, 96079256, 787, 37487272, 10012358, 'Anna101', 'ckcjLL910!');
INSERT INTO USER_REGISTER VALUES(
47425455, 63022695, 820, 12856613, 20001589, 'Louis09', 'fwdcEFE11@');
INSERT INTO USER_REGISTER VALUES(
26243836, 89927720, 244, 15765940, 22554762, 'jack11', 'efierfWW14#');
INSERT INTO USER_REGISTER VALUES(
45676030, 60710048, 345, 28401011, 33218657, 'ray40', '2rrjrEE4%');
INSERT INTO USER_REGISTER VALUES(
22685918, 13425564, 588, 21912895, 44756190, 'ben95', '4irjijvvQQ3@');
INSERT INTO USER_REGISTER VALUES(
12577884, 88187201, 451, 54789545, 78566512, 'Randy1022', 'pony123!');
/*******************************/
CREATE TABLE ROLE (
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ROLE_ID INT NOT NULL,
ROLE_DESCRIPTION VARCHAR(50) NOT NULL,
ROLE_STATUS INT NOT NULL,
CONSTRAINT ROLEPK PRIMARY KEY(ROLE_ID)
);
INSERT INTO ROLE VALUES(
44401049, "Sub", 0);
INSERT INTO ROLE VALUES(
92556505, "Primary", 1);
INSERT INTO ROLE VALUES(
96079256, "Primary", 1);
INSERT INTO ROLE VALUES(
63022695, "Primary", 1);
INSERT INTO ROLE VALUES(
89927720, "Sub", 0);
INSERT INTO ROLE VALUES(
60710048, "Primary", 1);
INSERT INTO ROLE VALUES(
13425564, "Sub", 0);
INSERT INTO ROLE VALUES(
88187201, 'Primary', 1);
/************** HouseHold ********/
create table HOUSEHOLD(
Groups_ID INT Not Null,
USER_ID INT Not Null,
CONSTRAINT GroupPK Primary key (Groups_ID),
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Constraint UserFK Foreign key (USER_ID)
References user_info(USER_ID)
);
Insert into HOUSEHOLD values (821,14622911);
Insert into HOUSEHOLD values (949,28274103);
Insert into HOUSEHOLD values (827,18148266);
Insert into HOUSEHOLD values (345,16605577);
Insert into HOUSEHOLD values (787,9488854);
Insert into HOUSEHOLD values (820,47425455);
Insert into HOUSEHOLD values (244,26243836);
Insert into HOUSEHOLD values (347,45676030);
Insert into HOUSEHOLD values (588,22685918);
Insert into HOUSEHOLD values (451, 89856455);
/***************** Access******************/
create table ACCESS(
Access_ID INT Not Null,
USER_ID INT Not Null,
Privilege varchar(6) not null,
Restrict_user varchar(6) not null,
Register_user boolean,
CONSTRAINT AccessPK Primary Key (Access_ID),
Constraint AccessFK Foreign key (User_ID)
References user_info(USER_ID)
);
Insert into ACCESS values (22356179,14622911,'YES', 'NO',1);
Insert into ACCESS values (36692710,28274103,'NO', 'YES',1);
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Insert into ACCESS values (22567890,18148266, 'NO', 'YES',1);
Insert into ACCESS values (22443781,16605577,'YES', 'NO',0);
Insert into ACCESS values (10012358,9488854, YES', 'NO',0);
Insert into ACCESS values(20001589,47425455,'YES', 'NO',1);
Insert into ACCESS values (22554762,26243836,'YES', 'NO',0);
Insert into ACCESS values (33218657,45676030,'NO', 'YES',0);
Insert into ACCESS values (44756190,22685918,'NO', 'YES',1);
Insert into ACCESS values (78566512, 89856455, 'NO', 'YES',1);
/**************** Daily balance **************/
create table DAILY_BALANCE(
AccountID INT not null,
Account_Number INT not null,
Account_balance decimal (60,4) not null,
Transaction_type varchar(1000) not null,
Activity_time TIMESTAMP Not null DEFAULT CURRENT_TIMESTAMP on Update current_timestamp,
CONSTRAINT Accountaf Primary Key (Account_Number, Activity_time)
);
Insert into DAILY_BALANCE VALUES (44015814,342384248,250, 'internet bill','2021-11-24 16:24');
INSERT INTO DAILY BALANCE VALUES (29511421,786787565, 600, 'utility,bill','2021-11-12 16:36');
INSERT INTO DAILY_BALANCE VALUES (43254686,
                                                     678676763, 425.16, 'cleaner', '2021-11-03 5:00');
INSERT INTO DAILY_BALANCE VALUES (47573139,
                                                                    782,'food','2021-11-23
                                                     564365935,
12:00:00');
INSERT INTO DAILY BALANCE VALUES (5576172,
                                                     906976069,
                                                                    1000, 'Rent', '2021-11-6
18:30:00');
INSERT INTO DAILY BALANCE VALUES (25339740,
                                                     694568454, 32, 'gas money', '2021-10-23
18:30:23');
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INSERT INTO DAILY_BALANCE VALUES (37291461,
                                                    808906761,
                                                                  652.13, 'rent','2021-09-04
22:00:01');
INSERT INTO DAILY BALANCE VALUES (39420351,
                                                    569645356, 1150.26, 'bills', '2021-08-10
20:32:23');
INSERT INTO DAILY BALANCE VALUES (17518752,
                                                    240494053, 3000.25,' other expenses','2021-07-
05 18:32:25');
INSERT INTO DAILY_BALANCE VALUES (15988487, 785665120, 210, 'food', '2021-08-05 20:52:15');
/****** Account ***************/
CREATE TABLE Account(
  USER_ID int NOT NULL,
  AccountID int NOT NULL,
  BankName char(15) NOT NULL,
  Account Number int NOT NULL,
  Acc_Balance decimal(8,2) NOT NULL,
  Acc_Type char(25) NOT NULL,
  Acc_permission Boolean,
  TimeStamp Date,
constraint AccountPK PRIMARY KEY(AccountID),
UNIQUE KEY (BankName, Account_Number),
Constraint AccountFK Foreign key (USER_ID)
References User_info (USER_ID)
 );
Insert into ACCOUNT values(14622911, 44015814, 'Bank_of_America', 342384248,
104.87, 'Saving_acc', 1, '2005-09-12');
Insert into ACCOUNT values (28274103, 29511421, 'Bank_of_America',
786787565,5494.54,'Checking acc',1,'2011-09-14');
Insert into ACCOUNT values (18148266,
43254686, 'Bank of America', 678676763, 5609.12, 'Saving acc', 0, '2008-07-16');
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Insert into ACCOUNT values(16605577, 47573139, 'Citi_Bank', 564365935, 70096.85, 'Checking_acc', 0, '2012-04-22');

Insert into ACCOUNT values(9488854, 55761728, 'Citi_Bank', 906976069, 6960.1, 'Saving_acc', 1, '2007-08-23');

Insert into ACCOUNT values(47425455, 25339740, 'Santander', 694568454, 696.5, 'Saving_acc', 0, '2018-11-25');

Insert into ACCOUNT values(26243836, 37291461,'Chase',808906761,797.23,'Checking_acc',1,'2019-01-05');

Insert into ACCOUNT values(45676030, 39420351,'Chase', 569645356,7969.4,'Checking_acc',0,'2021-06-02');

Insert into ACCOUNT values(22685918, 1751852, 'Chase', 240494053, 9198.15, 'Checking_acc', 0, '2021-02-05');

Insert into ACCOUNT values (89856455, 15988487, 'Santander', 785665120, 5180.2, 'Saving_acc', 1,'2021-08-05');

/********************************/

CREATE TABLE TRANSACTIONS (

TransactionID Varchar(50) NOT NULL,

AccountID int NOT NULL,

Account_Number Varchar(50) NOT NUII,

Transaction_Type Char(15) NOT NULL,

Base_type Char(20) NOT NULL,

Category Char(25) NOT NULL,

Amount Varchar(50) NOT NULL,

Settlement_Status Char(15) NOT NULL,

TimeStamp Varchar(50) NOT NULL,

CONSTRAINT TransPK PRIMARY KEY(TransactionID),

CONSTRAINT TransFK FOREIGN KEY (AccountID)

REFERENCES account(AccountID)

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INSERT INTO TRANSACTIONS VALUES ('48EF4798-6CE7-6E2C-3273-8FB42F83DE', 44015814, '342384248', 'Purchase', 'Credit Card', 'Personal', '$674', 'Pending', '03:34');
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INSERT INTO TRANSACTIONS VALUES ('7586CB18-70A9-BBE5-0CAA-83965789D7', 29511421,'786787565','Purchase', 'Credit Card', 'Personal', '\$793', 'Pending','06:27');

INSERT INTO TRANSACTIONS VALUES ('1E624CC7-34F3-1695-67B9-71E0DD868A', 43254686,'678676763', 'Purchase', 'Credit Card', 'Business', '\$77', 'Pending','08:47');

INSERT INTO TRANSACTIONS VALUES ('C7520AE9-3402-4E90-30DC-171F0E5B0F', 47573139, '564365935', 'Transfer', 'Debit Card', 'Business', '\$4839', 'Setteled', '12:20');

INSERT INTO TRANSACTIONS VALUES ('F0BA94B1-0739-3FE2-0CB4-9852BB54E3', 55761728,'906976069','Deposit', 'Debit Card', 'Personal', '\$799', 'Setteled','14:49');

INSERT INTO TRANSACTIONS VALUES ('F0BA94B1-0739-3FE2-0CB4-9852BB54E4', 25339740,'694568454','Deposit', 'Debit Card', 'Business', '\$599.99', 'Setteled','16:50');

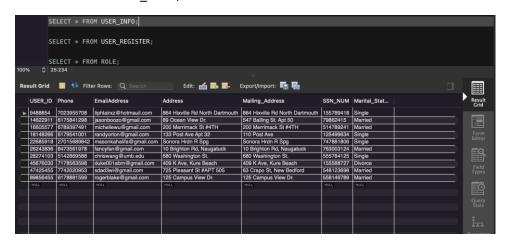
INSERT INTO TRANSACTIONS VALUES ('D06ABAF1-3F08-9DAA-19C2-FAAFDE1796', 37291461,'808906761','Purchase', 'Credit Card', 'Business', '\$16.99', 'Setteled','13:29');

INSERT INTO TRANSACTIONS VALUES ('325ADC87-43EC-BF8E-3DA5-4308D2DF6A', 39420351,'569645356','Transfer', 'Debit Card', 'Personal', '\$33.99', 'Setteled','17:21');

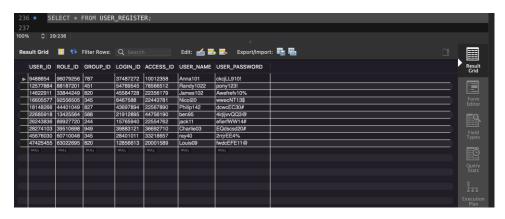
INSERT INTO TRANSACTIONS VALUES ('EFA02E2C-0A5D-8311-B596-F0F659A57FA', 1751852, '240494053', 'Deposit', 'Debit Card', 'Personal', '\$7343', 'Setteled', '20:20');

INSERT INTO TRANSACTIONS VALUES ('EE6BBC28-1E3F-B8D8-C4B8-5898932EFD', 15988487,'785665120', 'Deposit', 'Debit Card', 'Personal', '\$2527.99', 'Setteled','10:10');

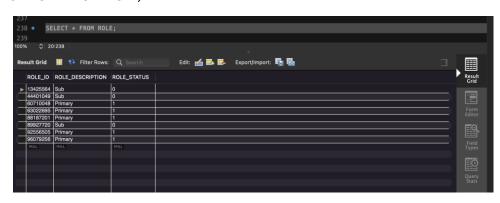
SELECT * FROM USER_INFO;



SELECT * FROM USER_REGISTER;



SELECT * FROM ROLE;



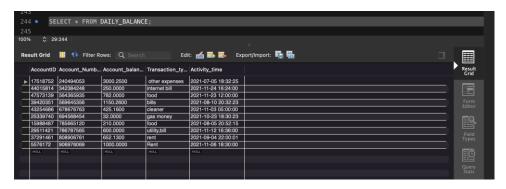
SELECT * FROM HOUSEHOLD;



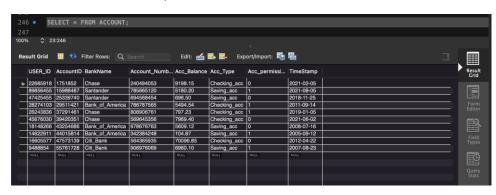
SELECT * FROM ACCESS;



SELECT * FROM DAILY_BALANCE;



SELECT * FROM ACCOUNT;



SELECT * FROM TRANSACTIONS;

