

Department of Computer Science and Engineering
National Institute of Technology, Warangal



DBMS PROJECT-
UPI PAYMENT

PREPARED BY-

- 1. Dhyey Gokani (21CSB0A19)**
- 2. Aashish Rampal (21CSB0A03)**

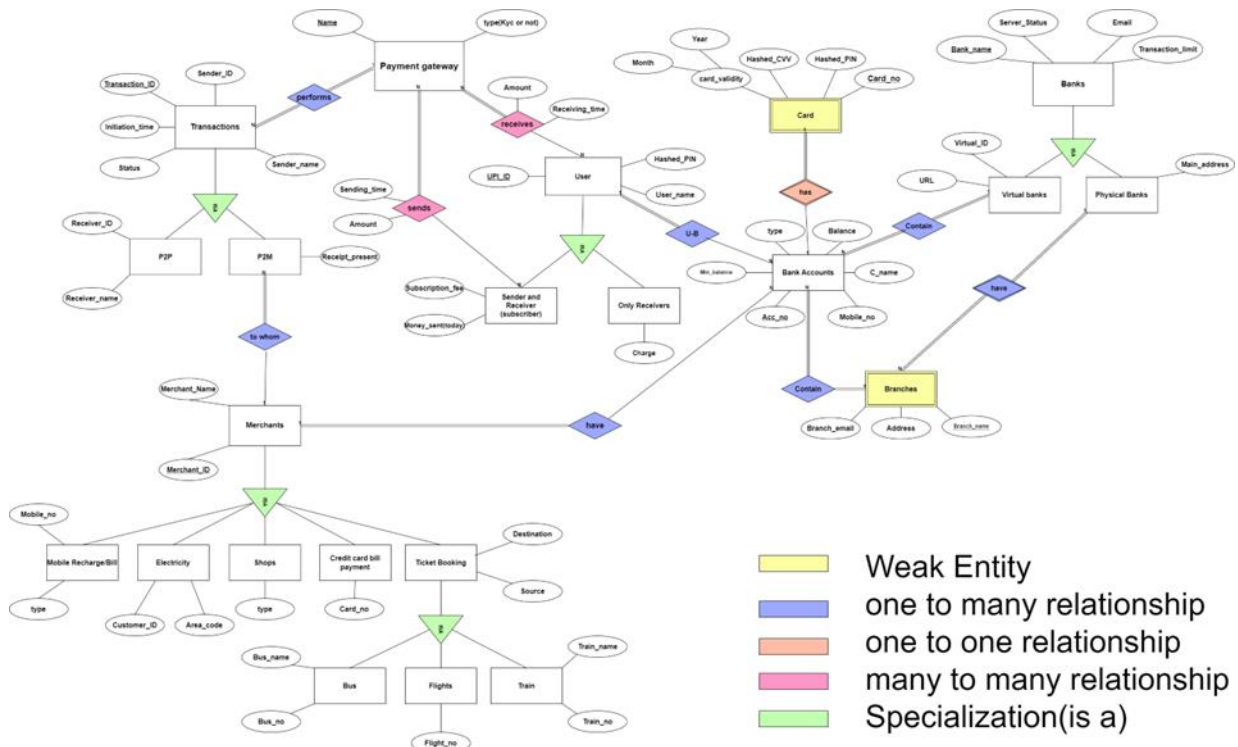
B.TECH CSE-A

(2021-25)

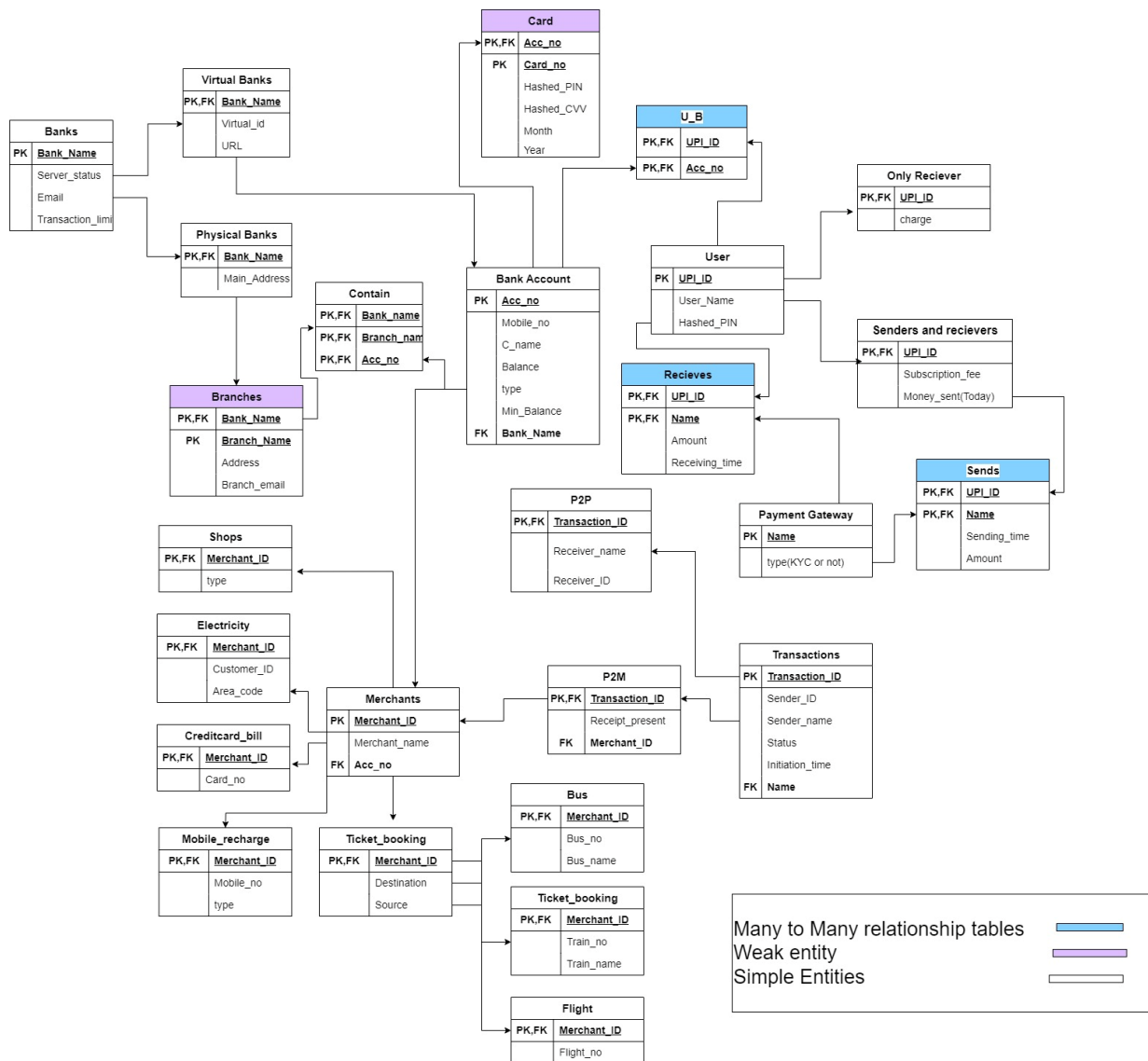
PROBLEM STATEMENT

1. User details: This includes personal information such as name, phone number, email address, and UPI ID.
2. Transaction history: This includes details of all transactions made through UPI, including the date, time, amount, sender UPI ID, receiver UPI ID, and transaction status (success/failure).
3. Bank account information: This includes the bank name, account number, and IFSC code for each UPI user.
4. Merchant information: This includes the name and UPI ID of each registered merchant, along with the products/services they offer.
5. Payment methods: This includes the available payment methods for each merchant, such as UPI, credit/debit card, net banking, etc.
6. Bill information: This includes the bill amount, due date, and status (paid/unpaid) for each user.

ER MODEL



RELATION SCHEMA



ER Diagram Explanation->

The ER model shows the working and data arrangement in a UPI based payment system.

1. Banks->

Different banks are present in the banks relation which is divided into 2 relations, signifying virtual and physical banks. Virtual banks are banks having no physical presence therefore they have no branches, but physical banks may have multiple branches.

2. Branches->

Branches is a weak entity which is dependent upon the presence of physical banks, the relation between branches and physical bank is many to one because a physical bank may have many branches, but a branch is only of a single bank.

3. Bank account->

Bank account contains attributes such as account no., account type(saving or current) etc.. The relation between branches and bank account, and virtual banks and bank account represents in which bank the account is which is useful in determining the server status, maximum daily transactions limit etc.. which is useful in determining the result of a transaction performed by the payment gateway.

4. Card->

Card signifies a debit card and is a weak entity of a bank account, as only a person with an account can hold a card. The relation between card and bank account is one to one because a account can have maximum 1 card and a card is of a single account only. Card entity is necessary in UPI based payment system because only a person with card can become a subscriber.

5. User->

User entity is used to signify the users of UPI which are divided into subscribers(senders and receivers) who pay a subscription fee for the service and just receivers from whom a charge is deducted every time they receive money from UPI. User has a one-to-many relation with bank account because a user can in UPI if have multiple bank accounts linked with the same mobile no. then the user can switch between any of those accounts but a bank account can't have multiple users.

6. Payment gateway->

Payment gateway signifies which payment gateway (eg. Paytm, gpay etc) is used and if for using the gateway kyc is necessary or not. Payment gateway receives money sending requests from subscribers at a given time and then does transactions and if the transaction is successful then the receiver receives the amount sometime later. The relations between subscribers and payment gateway, and users(both subscribers and receivers can receive) and payment gateway are both many to many because an individual can send/receive money from different gateways and a gateway is used by more than one subscribers/users.

7. Transactions->

It shows the transactions occurring through different payment gateways. The relation between them is many to one because a payment gateway can perform multiple transactions but a specific transaction occurs through only one payment gateway. Transactions are further divided into P2P and P2M, the former signifies the transactions from one person to another whereas the latter signifies transactions from a person to merchants.

8. Merchants->

Merchants entity signifies different merchants accepting money through UPI. Merchants has a one to one relation with bank account because an account is of a single merchant and a merchant has a single universal account. Merchants is divided into different types of merchants with different services available on UPI like, shops, electricity, mobile recharge, ticket booking, credit card payments. Ticket booking is further divided into ticket for bus, train, flights.

FUNCTIONAL DEPENDENCIES:

Bank_name \rightarrow Bank_name, Server_status,
Email, Transaction_time

Bank_name \rightarrow Bank_name, Virtual_id, URL

Bank_name \rightarrow Bank_name, Main_address

Bank_name, Branch_name \rightarrow Bank_name, Branch_name, Address,
Branch_email

Acc_no \rightarrow Acc_no, Mobile_no, C_name, Balance, type,
Min_balance, Bank_name

Bank_name, Branch_name, Acc_no \rightarrow Bank_name, Branch_name,
Acc_no

Acc_no, Card_no \rightarrow Acc_no, Card_no, Hashed_PIN, Hashed_CVV,
Month, Year

UPI_ID \rightarrow UPI_ID, User_name, Hashed_PIN

UPI_ID, Acc_no \rightarrow UPI_ID, Acc_no

UPI_ID \rightarrow UPI_ID, charge

UPI_ID \rightarrow UPI_ID, Subscription_fee, Money_sent_today

Name \rightarrow Name, type

UPI_ID \rightarrow UPI_ID, Name, Sending_time, Amount

UPI_ID \rightarrow UPI_ID, Name, Amount, Receiving_time

Transaction_ID \rightarrow Transaction_ID, Sender_ID, Sender_Name,
Status, Initiation_time, Name

Transaction_ID \rightarrow Transaction_ID, Receiver_name, Receiver_ID

Transaction_ID \rightarrow Transaction_ID, Receipt_present, Merchant_ID

Merchant_ID→Merchant_ID,Merchant_name,Acc_no

Merchant_ID→Merchant_ID,type

Merchant_ID→Merchant_ID,Customer_ID,Area_code

Merchant_ID→Merchant_ID,Card_no

Merchant_ID→Merchant_ID,Mobile_no,type

Merchant_ID→Merchant_ID,Destination,source

Merchant_ID→Merchant_ID,Bus_no,Bus_name

Merchant_ID→Merchant_ID,Train_no,Train_name

Merchant_ID→Merchant_ID,Flight_no

CREATE TABLES:

```
create table banks(  
    bank_name varchar(20),  
    Server_status varchar(20),  
    Email varchar(20),  
    Transaction_limit int,  
    primary key(bank_name)  
);
```

```
create table Virtual_banks(  
    bank_name varchar(20),  
    Virtual_id varchar(20),  
    URL varchar(20),  
    foreign key(bank_name) REFERENCES banks,  
    primary key(bank_name)  
);
```

```
create table Physical_bank(  
    bank_name varchar(20),  
    main_address varchar(20),  
    foreign key(bank_name) references banks,
```

```
    primary key(bank_name)
);
```

```
create table branches(
    bank_name varchar(20),
    branch_name varchar(20),
    address varchar(20),
    branch_email varchar(20),
    foreign key(bank_name) REFERENCES Physical_bank,
    primary key(bank_name,branch_name)
);
```

```
create table bank_account(
    acc_no int,
    mobile_no int,
    C_name varchar(20),
    Balance int,
    type varchar(20),
    Min_balance int,
    bank_name varchar(20),
    foreign key(bank_name) references banks,
    primary key(acc_no)
);
```

```
create table card(
    acc_no int,
    card_no int,
    hashed_PIN int,
    hashed_CVV int,
    month int,
    year int,
    foreign key(acc_no) REFERENCES bank_account,
    primary key(acc_no,card_no)
);
```

```
create table contain(
    bank_name varchar(20),
    branch_name varchar(20),
    acc_no int,
    foreign key(bank_name,branch_name) references branches,
    foreign key(acc_no) references bank_account,
    primary key(bank_name,branch_name,acc_no)
);
```

```
create table user2(  
    upi_id varchar(20),  
    user_name varchar(20),  
    hashed_PIN int,  
    primary key(upi_id)  
);
```

```
create table only_receiver(  
    upi_id varchar(20),  
    charge int,  
    foreign key(upi_id) references user2,  
    primary key(upi_id)  
);
```

```
create table senders_and_receivers(  
    upi_id varchar(20),  
    subscription_fee int,  
    money_sent_today int,  
    foreign key(upi_id) references user2,  
    primary key(upi_id)  
);
```

```
create table U_B(  
    upi_id varchar(20),  
    acc_no int,  
    foreign key(acc_no) references bank_account,  
    foreign key(upi_id) references user2,  
    primary key(upi_id, acc_no)  
);
```

```
create table payment_gateway(  
    name varchar(20),  
    type varchar(20),  
    primary key(name)  
);
```

```
create table sends1(  
    upi_id varchar(20),  
    name varchar(20),  
    amount int,  
    foreign key(upi_id) references senders_and_receivers,  
    foreign key(name) references payment_gateway,
```



```
    primary key(upi_id,name)
);
```

```
CREATE TABLE SENDS2(
UPI_ID VARCHAR(20),
sending_time timestamp,
FOREIGN KEY(UPI_ID) REFERENCES senders_and_receivers,
PRIMARY KEY(UPI_ID)
);
```

```
create table receives1(
    upi_id varchar(20),
    name varchar(20),
    amount int,
    foreign key(upi_id) references user2,
    foreign key(name) references payment_gateway,
    primary key(upi_id,name)
);
```

```
CREATE TABLE RECEIVES2(
UPI_ID VARCHAR(20),
recieving_time timestamp,
foreign key(upi_id) references user2,
PRIMARY KEY(UPI_ID)
);
```

```
create table transaction(
    transaction_id varchar(20),
    sender_id varchar(20),
    sender_name varchar(20),
    status varchar(20),
    initiation_time timestamp,
    name varchar(20),
    foreign key(name) references payment_gateway,
    primary key(transaction_id)
);
```

```
create table P2P_1(
    transaction_id varchar(20),
    receiver_id varchar(20),
    foreign key(transaction_id) references transaction,
    primary key(transaction_id)
);
```

```
CREATE TABLE P2P_2(  
  RECEIVER_ID VARCHAR(20),  
  receiever_name varchar(20),  
  PRIMARY KEY(RECEIVER_ID)  
);
```

```
create table Merchants(  
  Merchant_id varchar(20),  
  Merchant_name varchar(20),  
  acc_no int,  
  foreign key(acc_no) references bank_account,  
  primary key(Merchant_id)  
);
```

```
create table P2M(  
  transaction_id varchar(20),  
  receipt_present varchar(20),  
  merchant_id varchar(20),  
  foreign key(merchant_id) references Merchants,  
  foreign key(transaction_id) references transaction,  
  primary key(transaction_id)  
);
```

```
create table shops(  
  Merchant_id varchar(20),  
  type varchar(20),  
  foreign key(Merchant_id) references Merchants,  
  primary key(Merchant_id)  
);
```

```
create table Electricity(  
  Merchant_id varchar(20),  
  CUSTOMER_ID VARCHAR(20),  
  area_code int,  
  foreign key(Merchant_id) references Merchants,  
  primary key(Merchant_id)  
);
```

```
create table CREDITcard_bill(  
  Merchant_id varchar(20),  
  Card_NO int,  
  foreign key(Merchant_id) references Merchants,
```

```
    primary key(Merchant_id)
);
```

```
create table Mobile_recharge(
    Merchant_id varchar(20),
    Mobile_no varchar(20),
    type varchar(20),
    foreign key(Merchant_id) references Merchants,
    primary key(Merchant_id)
);
```

```
create table Ticket_booking(
    Merchant_id varchar(20),
    destination varchar(20),
    source varchar(20),
    foreign key(Merchant_id) references Merchants,
    primary key(Merchant_id)
);
```

```
create table bus(
    Merchant_id varchar(20),
    bus_no int,
    bus_name varchar(20),
    foreign key(Merchant_id) references Ticket_booking,
    primary key(Merchant_id)
);
```

```
create table Train(
    Merchant_id varchar(20),
    Train_no int,
    Train_name varchar(20),
    foreign key(Merchant_id) references Ticket_booking,
    primary key(Merchant_id)
);
```

```
create table Flight2(
    Merchant_id varchar(20),
    Flight_no int,
    foreign key(Merchant_id) references Ticket_booking,
    primary key(Merchant_id)
)
```

INSERTING TUPLES:

```
insert into
banks values('SBI','ON','SBI@gmail.com',100000);
insert into
banks values('HDFC','DOWN','HDFC@gmail.com',1000000);
insert into
banks values('ICICI','ON','ICICI@gmail.com',500000);
insert into
banks values('BOB','DOWN','BOB@gmail.com',10000);
insert into
banks values('PNB','DOWN','PNB@gmail.com',50000);
insert into
banks values('CENTRAL BANK','ON','CENTRAL@gmail.com',20000);
insert into
banks values('YES BANK','ON','YES@gmail.com',10000);
insert into
banks values('PMB','ON','PMB@gmail.com',20000);
insert into
banks values('COOPERATE','ON','COOPERATE@gmail.com',50000);
insert into
banks values('GRAMIN','DOWN','GRAMIN@gmail.com',10000);
insert into
banks values('CITY','ON','CITY@gmail.com',10000);
insert into
banks values('ALLY','ON','ALLY@gmail.com',1000000);
insert into
banks values('REVOLUT','ON','REVOLUT@gmail.com',500000);
insert into
banks values('TIAA','ON','TIAA@gmail.com',1000000);
insert into
banks values('LENDING CLUB','ON','LENDING@gmail.com',200000);
insert into
banks values('VIO','VIO','VIO@gmail.com',100000);
```

```
INSERT INTO VIRTUAL_BANKS
VALUES('ALLY','123','www.ALLY.com');
INSERT INTO VIRTUAL_BANKS
VALUES('REVOLUT','124','www.REVOLUT.com');
INSERT INTO VIRTUAL_BANKS
```

```
VALUES('TIAA','125','www.TIAA.com');
INSERT INTO VIRTUAL_BANKS
VALUES('LENDING CLUB','126','www.LENDING.com');
INSERT INTO VIRTUAL_BANKS
VALUES('VIO','127','www.VIO.com');
```

```
INSERT INTO PHYSICAL_BANK
VALUES('SBI','123 LANE ABC CITY');
INSERT INTO PHYSICAL_BANK
VALUES('HDFC','124 LANE DEF CITY');
INSERT INTO PHYSICAL_BANK
VALUES('ICICI','1 LANE ABC CITY');
INSERT INTO PHYSICAL_BANK
VALUES('GRAMIN','10 LANE XYZ CITY');
INSERT INTO PHYSICAL_BANK
VALUES('CENTRAL BANK','101 LANE PQR CITY');
INSERT INTO PHYSICAL_BANK
VALUES('CITY','2 LANE ASR CITY');
INSERT INTO PHYSICAL_BANK
VALUES('YES BANK','153 LANE UVW CITY');
INSERT INTO PHYSICAL_BANK
VALUES('COOPERATE','13 LANE UVW CITY');
INSERT INTO PHYSICAL_BANK
VALUES('PMB','123 LANE PQR CITY');
INSERT INTO PHYSICAL_BANK
VALUES('PNB','9 LANE XYZ CITY');
INSERT INTO PHYSICAL_BANK
VALUES('BOB','18 LANE XYZ CITY');
INSERT INTO PHYSICAL_BANK
VALUES('CENTRAL BANK','45 LANE ADE CITY');
```

```
INSERT INTO BRANCHES
VALUES('SBI','AMRITSAR BRANCH','40/2 LANE NO.
3','SBI_ASR@gmail.com');
INSERT INTO BRANCHES
VALUES('SBI','DELHI BRANCH','24 LANE NO.
2','SBI_DELHI@gmail.com');
INSERT INTO BRANCHES
VALUES('SBI','MUMBAI BRANCH','64 LANE NO.
1','SBI_MUM@gmail.com');
```

```
INSERT INTO BRANCHES
VALUES('SBI','BANGALORE BRANCH','4 LANE NO.
4','SBI_BGL@gmail.com');
INSERT INTO BRANCHES
VALUES('HDFC','AMRITSAR BRANCH','30 LANE NO.
5','HDFC_ASR@gmail.com');
INSERT INTO BRANCHES
VALUES('HDFC','CHENNAI BRANCH','40 LANE NO.
3','HDFC_CHEN@gmail.com');
INSERT INTO BRANCHES
VALUES('HDFC','DELHI BRANCH','56 LANE NO.
9','HDFC_DEL@gmail.com');
INSERT INTO BRANCHES
VALUES('HDFC','MUMBAI BRANCH','41 LANE NO.
7','HDFC_BGL@gmail.com');
INSERT INTO BRANCHES
VALUES('SBI','AMRITSAR BRANCH','40/2 LANE NO.
3','SBI_ASR@gmail.com');
INSERT INTO BRANCHES
VALUES('SBI','DELHI BRANCH','24 LANE NO.
2','SBI_DELHI@gmail.com');
INSERT INTO BRANCHES
VALUES('SBI','MUMBAI BRANCH','64 LANE NO.
1','SBI_MUM@gmail.com');
INSERT INTO BRANCHES
VALUES('SBI','BANGALORE BRANCH','4 LANE NO.
4','SBI_BGL@gmail.com');
INSERT INTO BRANCHES
VALUES('HDFC','AMRITSAR BRANCH','30 LANE NO.
5','HDFC_ASR@gmail.com');
INSERT INTO BRANCHES
VALUES('HDFC','CHENNAI BRANCH','40 LANE NO.
3','HDFC_CHEN@gmail.com');
INSERT INTO BRANCHES
VALUES('HDFC','DELHI BRANCH','56 LANE NO.
9','HDFC_DEL@gmail.com');
INSERT INTO BRANCHES
VALUES('HDFC','MUMBAI BRANCH','41 LANE NO.
7','HDFC_BGL@gmail.com');
INSERT INTO BRANCHES
VALUES('ICICI','AMRITSAR BRANCH','42 LANE NO.
3','ICICI_ASR@gmail.com');
INSERT INTO BRANCHES
```

```
VALUES('ICICI','DELHI BRANCH','25 LANE NO.  
2','ICICI_DELHI@gmail.com');  
INSERT INTO BRANCHES  
VALUES('ICICI','MUMBAI BRANCH','67 LANE NO.  
1','ICICI_MUM@gmail.com');  
INSERT INTO BRANCHES  
VALUES('ICICI','BANGALORE BRANCH','5 LANE NO.  
4','ICICI_BGL@gmail.com');  
INSERT INTO BRANCHES  
VALUES('BOB','DELHI BRANCH','39 LANE NO.  
5','BOB_DEL@gmail.com');  
INSERT INTO BRANCHES  
VALUES('BOB','CHENNAI BRANCH','49 LANE NO.  
3','BOB_CHEN@gmail.com');  
INSERT INTO BRANCHES  
VALUES('CENTRAL BANK','DELHI BRANCH','59 LANE NO.  
9','CNTR_DEL@gmail.com');  
INSERT INTO BRANCHES  
VALUES('GRAMIN','MUMBAI BRANCH','49 LANE NO.  
7','GRAMIN_BGL@gmail.com');  
INSERT INTO BRANCHES  
VALUES('YES BANK','AMRITSAR BRANCH','45/2 LANE NO.  
3','YES_ASR@gmail.com');  
INSERT INTO BRANCHES  
VALUES('YES BANK','DELHI BRANCH','29 LANE NO.  
2','YES_DELHI@gmail.com');  
INSERT INTO BRANCHES  
VALUES('YES BANK','MUMBAI BRANCH','69 LANE NO.  
1','YES_MUM@gmail.com');  
INSERT INTO BRANCHES  
VALUES('CITY','BANGALORE BRANCH','9 LANE NO.  
4','CITY_BGL@gmail.com');  
INSERT INTO BRANCHES  
VALUES('CITY','AMRITSAR BRANCH','71 LANE NO.  
5','CITY_ASR@gmail.com');  
INSERT INTO BRANCHES  
VALUES('COOPERATE','CHENNAI BRANCH','40 LANE NO.  
3','HDFC_CHEN@gmail.com');  
INSERT INTO BRANCHES  
VALUES('PNB','AMRITSAR BRANCH','591 LANE NO.  
9','PNB_ASR@gmail.com');  
INSERT INTO BRANCHES  
VALUES('PMB','MUMBAI BRANCH','15 LANE NO.
```

7','HDFC_BGL@gmail.com');

```
INSERT INTO BANK_ACCOUNT VALUES
(12345,7497365839,'AARYAN MADAL',100000,'CURRENT',10000,'SBI');
INSERT INTO BANK_ACCOUNT VALUES
(12355,7497365839,'AARYAN MADAL',106309,'CURRENT',10000,'HDFC');
INSERT INTO BANK_ACCOUNT VALUES
(12235,7497365839,'AARYAN MADAL',1000000,'SAVINGS',15000,'ICICI');
INSERT INTO BANK_ACCOUNT VALUES
(12435,8697365839,'ADYA ANANT',100006,'CURRENT',10000,'CENTRAL
BANK');
INSERT INTO BANK_ACCOUNT VALUES
(42435,8697365839,'ADYA ANANT',200506,'CURRENT',10000,'YES
BANK');
INSERT INTO BANK_ACCOUNT VALUES
(42835,8697365839,'ADYA ANANT',1550506,'SAVINGS',10000,'TIAA');
INSERT INTO BANK_ACCOUNT VALUES
(65300,7959365839,'AASHISH RAMPAL',100394,'CURRENT',5000,'PNB');
INSERT INTO BANK_ACCOUNT VALUES
(65367,7959365839,'AASHISH
RAMPAL',1000394,'SAVINGS',50000,'ALLY');
INSERT INTO BANK_ACCOUNT VALUES
(95300,7959365839,'AASHISH RAMPAL',200394,'CURRENT',5000,'VIO');
INSERT INTO BANK_ACCOUNT VALUES
(69934,9959965839,'ARCHIT',120394,'CURRENT',5000,'PMB');
INSERT INTO BANK_ACCOUNT VALUES
(49944,9959965839,'ARCHIT',1203940,'SAVINGS',50000,'LENDING
CLUB');
INSERT INTO BANK_ACCOUNT VALUES
(89993,9929965839,'ANSHU',120394,'CURRENT',5000,'PMB');
INSERT INTO BANK_ACCOUNT VALUES
(65390,6959965839,'DHYEY GOKANI',1203942,'CURRENT',50000,'CITY');
INSERT INTO BANK_ACCOUNT VALUES
(89934,6959965839,'DHYEY
GOKANI',1503942,'SAVINGS',15000,'COOPERATE');
INSERT INTO BANK_ACCOUNT VALUES
(99934,8759929839,'TEJAS
MAKODE',2503982,'SAVINGS',75000,'REVOLUT');
INSERT INTO BANK_ACCOUNT VALUES
(76974,9159965039,'DHRUV
PATEL',1503741,'CURRENT',15000,'GRAMIN');
```



```
INSERT INTO BANK_ACCOUNT VALUES
(92334,8759929839,'TEJAS MAKODE',503982,'CURRENT',10000,'ICICI');
INSERT INTO BANK_ACCOUNT VALUES
(64274,9159965039,'DHRUV PATEL',603741,'SAVINGS',20000,'HDFC');
INSERT INTO BANK_ACCOUNT VALUES
(64174,9253465039,'ELON MUSK',3741,'SAVINGS',1000,'BOB');
```

```
INSERT INTO CARD VALUES
(12235,94820840222,53890284020180,924380820002,11,25);
INSERT INTO CARD VALUES
(12355,45920840222,19990284020180,924982324123,12,26);
INSERT INTO CARD VALUES
(12435,32220840926,64332284020423,321180820002,08,23);
INSERT INTO CARD VALUES
(42835,23320840266,92401284020553,953148203777,02,28);
INSERT INTO CARD VALUES
(49944,34582084022,23190284020180,924380820003,07,27);
INSERT INTO CARD VALUES
(65300,45654208407,53346484020530,234380823214,06,25);
INSERT INTO CARD VALUES
(65367,45282084022,63876284020990,994380823999,08,24);
INSERT INTO CARD VALUES
(69934,67220840542,76350284020430,214380043687,10,25);
INSERT INTO CARD VALUES
(76974,95426909549,32536984020244,924562999242,01,26);
INSERT INTO CARD VALUES
(89934,92899659902,28969365656323,953454596962,05,24);
INSERT INTO CARD VALUES
(99934,94239404022,74099604493080,948504904202,11,23);
```

```
INSERT INTO CONTAIN VALUES
('SBI','AMRITSAR BRANCH',12235);
INSERT INTO CONTAIN VALUES
('SBI','DELHI BRANCH',12345);
INSERT INTO CONTAIN VALUES
('HDFC','MUMBAI BRANCH',12355);
INSERT INTO CONTAIN VALUES
('ICICI','MUMBAI BRANCH',12435);
```

```
INSERT INTO CONTAIN VALUES
('BOB','CHENNAI BRANCH',42435);
INSERT INTO CONTAIN VALUES
('YES BANK','AMRITSAR BRANCH',42835);
INSERT INTO CONTAIN VALUES
('PNB','AMRITSAR BRANCH',49944);
INSERT INTO CONTAIN VALUES
('PMB','MUMBAI BRANCH',64174);
INSERT INTO CONTAIN VALUES
('CENTRAL BANK','DELHI BRANCH',64274);
INSERT INTO CONTAIN VALUES
('COOPERATE','CHENNAI BRANCH',65300);
INSERT INTO CONTAIN VALUES
('SBI','AMRITSAR BRANCH',65367);
INSERT INTO CONTAIN VALUES
('HDFC','DELHI BRANCH',65390);
INSERT INTO CONTAIN VALUES
('GRAMIN','MUMBAI BRANCH',69934);
INSERT INTO CONTAIN VALUES
('ICICI','BANGALORE BRANCH',76974);
INSERT INTO CONTAIN VALUES
('YES BANK','MUMBAI BRANCH',89934);
INSERT INTO CONTAIN VALUES
('YES BANK','MUMBAI BRANCH',89993);
INSERT INTO CONTAIN VALUES
('HDFC','CHENNAI BRANCH',92334);
INSERT INTO CONTAIN VALUES
('CITY','BANGALORE BRANCH',95300);
INSERT INTO CONTAIN VALUES
('SBI','BANGALORE BRANCH',99934);
INSERT INTO CONTAIN VALUES
('HDFC','CHENNAI BRANCH',65390);
INSERT INTO CONTAIN VALUES
('SBI','MUMBAI BRANCH',65367);
INSERT INTO CONTAIN VALUES
('ICICI','AMRITSAR BRANCH',12435);
INSERT INTO CONTAIN VALUES
('BOB','DELHI BRANCH',42435);
INSERT INTO CONTAIN VALUES
('YES BANK','AMRITSAR BRANCH',89934);
INSERT INTO CONTAIN VALUES
('CITY','AMRITSAR BRANCH',95300);
```

```
INSERT INTO USER2 VALUES
('432','AASHISH RAMPAL',43090200932);
INSERT INTO USER2 VALUES
('402','DHYEY GOKANI',459039020832);
INSERT INTO USER2 VALUES
('134','AARYAN MADAL',4309049000932);
INSERT INTO USER2 VALUES
('239','ADYA ANANT',5409290132);
INSERT INTO USER2 VALUES
('123','ARCHIT',98403290932);
INSERT INTO USER2 VALUES
('122','AARYAN MADAL',2390092032);
INSERT INTO USER2 VALUES
('189','AASHISH RAMPAL',2309032022);
INSERT INTO USER2 VALUES
('349','DHYEY GOKANI',1893004042);
INSERT INTO USER2 VALUES
('932','DHRUV PATEL',39030032932);
INSERT INTO USER2 VALUES
('234','ADYA ANANT',39934900932);
INSERT INTO USER2 VALUES
('732','DHRUV PATEL',2390490932);
INSERT INTO USER2 VALUES
('292','ANSHU',32994023932);
```

```
INSERT INTO ONLY_RECEIVER VALUES
('432',10);
INSERT INTO ONLY_RECEIVER VALUES
('239',11);
INSERT INTO ONLY_RECEIVER VALUES
('932',12);
INSERT INTO ONLY_RECEIVER VALUES
('292',15);
INSERT INTO ONLY_RECEIVER VALUES
('123',11);
INSERT INTO ONLY_RECEIVER VALUES
('134',10);
INSERT INTO ONLY_RECEIVER VALUES
('189',15);
INSERT INTO ONLY_RECEIVER VALUES
('349',5);
INSERT INTO ONLY_RECEIVER VALUES
```

('732',15);

INSERT INTO SENDERS_AND_RECEIVERS VALUES
('122',100,10000);
INSERT INTO SENDERS_AND_RECEIVERS VALUES
('234',100,1520);
INSERT INTO SENDERS_AND_RECEIVERS VALUES
('402',150,12490);
INSERT INTO SENDERS_AND_RECEIVERS VALUES
('732',200,1940);

INSERT INTO U_B VALUES
('432',65367);
INSERT INTO U_B VALUES
('402',65390);
INSERT INTO U_B VALUES
('134',12235);
INSERT INTO U_B VALUES
('239',12435);
INSERT INTO U_B VALUES
('123',69934);
INSERT INTO U_B VALUES
('122',12355);
INSERT INTO U_B VALUES
('349',89934);
INSERT INTO U_B VALUES
('932',76974);
INSERT INTO U_B VALUES
('732',64274);
INSERT INTO U_B VALUES
('292',89993);
INSERT INTO U_B VALUES
('234',42435);
INSERT INTO U_B VALUES
('189',65300);

--P2P RECEIVER_ID->RECEIVER_NAME
--SENDS UPI_ID ->TIME
--RECEIVES UPI_ID->TIME

INSERT INTO PAYMENT_GATEWAY VALUES
('GPAY','NON-KYC');
INSERT INTO PAYMENT_GATEWAY VALUES
('PHONEPE','NON-KYC');
INSERT INTO PAYMENT_GATEWAY VALUES
('PAYTM','KYC');
INSERT INTO PAYMENT_GATEWAY VALUES
('BHIM','NON-KYC');
INSERT INTO PAYMENT_GATEWAY VALUES
('MOBIKWIK','KYC');
INSERT INTO PAYMENT_GATEWAY VALUES
('AMAZON PAY','NON-KYC');

INSERT INTO SENDS1 VALUES
('402','GPAY',2000);
INSERT INTO SENDS1 VALUES
('402','PHONEPE',210);
INSERT INTO SENDS1 VALUES
('402','AMAZON PAY',21);
INSERT INTO SENDS1 VALUES
('402','BHIM',20000);
INSERT INTO SENDS1 VALUES
('402','MOBIKWIK',10);
INSERT INTO SENDS1 VALUES
('234','AMAZON PAY',500);
INSERT INTO SENDS1 VALUES
('234','PAYTM',399);
INSERT INTO SENDS1 VALUES
('234','BHIM',19);
INSERT INTO SENDS1 VALUES
('122','GPAY',100);
INSERT INTO SENDS1 VALUES
('122','BHIM',310);
INSERT INTO SENDS1 VALUES
('122','MOBIKWIK',450);
INSERT INTO SENDS1 VALUES
('732','PHONEPE',2);

```
INSERT INTO SENDS1 VALUES  
(732,'GPAY',205);  
INSERT INTO SENDS1 VALUES  
(732,'PAYTM',1000);
```

```
INSERT INTO SENDS2 VALUES  
(402,TIMESTAMP '2023-01-01 2:00:00');  
INSERT INTO SENDS2 VALUES  
(234,TIMESTAMP '2023-12-19 5:00:01');  
INSERT INTO SENDS2 VALUES  
(122,TIMESTAMP '2020-06-21 11:10:05');  
INSERT INTO SENDS2 VALUES  
(732,TIMESTAMP '2019-04-30 23:40:35');
```

```
INSERT INTO RECEIVES1 VALUES  
(432,'PHONEPE',210);  
INSERT INTO RECEIVES1 VALUES  
(239,'PHONEPE',2);  
INSERT INTO RECEIVES1 VALUES  
(932,'GPAY',205);  
INSERT INTO RECEIVES1 VALUES  
(292,'BHIM',310);  
INSERT INTO RECEIVES1 VALUES  
(123,'AMAZON PAY',500);  
INSERT INTO RECEIVES1 VALUES  
(134,'PAYTM',399);  
INSERT INTO RECEIVES1 VALUES  
(189,'MOBIKWIK',10);  
INSERT INTO RECEIVES1 VALUES  
(349,'BHIM',20000);  
INSERT INTO RECEIVES1 VALUES  
(122,'AMAZON PAY',21);  
INSERT INTO RECEIVES1 VALUES  
(234,'GPAY',100);
```

```
INSERT INTO RECEIVES2 VALUES  
(432,TIMESTAMP '2019-04-30 23:40:05');  
INSERT INTO RECEIVES2 VALUES  
(239,TIMESTAMP '2019-05-31 22:45:35');  
INSERT INTO RECEIVES2 VALUES
```

('932',TIMESTAMP '2021-11-28 18:42:20');
INSERT INTO RECEIVES2 VALUES
('292',TIMESTAMP '2022-02-05 05:04:34');
INSERT INTO RECEIVES2 VALUES
('123',TIMESTAMP '2023-03-03 09:40:11');
INSERT INTO RECEIVES2 VALUES
('134',TIMESTAMP '2018-09-10 17:16:32');
INSERT INTO RECEIVES2 VALUES
('189',TIMESTAMP '2023-04-20 14:56:33');
INSERT INTO RECEIVES2 VALUES
('349',TIMESTAMP '2019-10-18 22:17:23');
INSERT INTO RECEIVES2 VALUES
('122',TIMESTAMP '2021-08-13 01:12:57');
INSERT INTO RECEIVES2 VALUES
('234',TIMESTAMP '2022-05-09 12:49:34');

INSERT INTO TRANSACTION VALUES
('ABX123','122','AARYAN MADAL','PROCESSING',TIMESTAMP '2023-05-09 12:29:29','GPAY');
INSERT INTO TRANSACTION VALUES
('ZBY123','122','AARYAN MADAL','SUCCESS',TIMESTAMP '2023-05-09 11:11:23','GPAY');
INSERT INTO TRANSACTION VALUES
('SDX123','122','AARYAN MADAL','FAILURE',TIMESTAMP '2023-05-09 11:08:10','PHONEPE');
INSERT INTO TRANSACTION VALUES
('DWQ423','122','AARYAN MADAL','SUCCESS',TIMESTAMP '2023-05-08 09:14:56','PAYTM');
INSERT INTO TRANSACTION VALUES
('FHI493','122','AARYAN MADAL','PROCESSING',TIMESTAMP '2023-05-07 12:29:29','AMAZON PAY');
INSERT INTO TRANSACTION VALUES
('NGR830','234','ADYA ANANT','SUCCESS',TIMESTAMP '2023-04-30 20:20:45','PAYTM');
INSERT INTO TRANSACTION VALUES
('HFB231','234','ADYA ANANT','PROCESSING',TIMESTAMP '2023-05-10 12:01:09','GPAY');
INSERT INTO TRANSACTION VALUES
('BJD992','234','ADYA ANANT','FAILURE',TIMESTAMP '2023-05-01 07:19:48','MOBIKWIK');
INSERT INTO TRANSACTION VALUES
('VBF892','402','DHYEY GOKANI','FAILURE',TIMESTAMP '2023-04-28

18:14:10','GPAY');
INSERT INTO TRANSACTION VALUES
(('DFH221','402','DHYEY GOKANI','PROCESSING',TIMESTAMP '2023-05-12 12:49:54','PAYTM'));
INSERT INTO TRANSACTION VALUES
(('HIO292','402','DHYEY GOKANI','SUCCESS',TIMESTAMP '2023-05-08 09:35:47','BHIM'));
INSERT INTO TRANSACTION VALUES
(('NJK201','732','DHRUV PATEL','PROCESSING',TIMESTAMP '2023-05-12 11:10:08','GPAY'));
INSERT INTO TRANSACTION VALUES
(('RHY839','732','DHRUV PATEL','SUCCESS',TIMESTAMP '2023-05-09 14:24:39','PAYTM'));
INSERT INTO TRANSACTION VALUES
(('KDW103','732','DHRUV PATEL','SUCCESS',TIMESTAMP '2023-05-06 19:51:31','PAYTM'));
INSERT INTO TRANSACTION VALUES
(('KDD213','732','DHRUV PATEL','SUCCESS',TIMESTAMP '2023-05-03 11:59:32','PAYTM'));
INSERT INTO TRANSACTION VALUES
(('HGO291','402','DHYEY GOKANI','SUCCESS',TIMESTAMP '2023-05-11 23:46:47','AMAZON PAY'));
INSERT INTO TRANSACTION VALUES
(('EIW193','122','AARYAN MADAL','PROCESSING',TIMESTAMP '2023-05-05 12:10:12','AMAZON PAY'));
INSERT INTO TRANSACTION VALUES
(('EII830','234','ADYA ANANT','SUCCESS',TIMESTAMP '2023-04-30 17:40:01','MOBIKWIK'));
INSERT INTO TRANSACTION VALUES
(('AYO123','122','AARYAN MADAL','SUCCESS',TIMESTAMP '2023-04-25 10:04:27','GPAY'));
INSERT INTO TRANSACTION VALUES
(('ZLO123','122','AARYAN MADAL','SUCCESS',TIMESTAMP '2023-05-09 15:15:23','GPAY'));
INSERT INTO TRANSACTION VALUES
(('TWO123','122','AARYAN MADAL','FAILURE',TIMESTAMP '2023-05-09 11:08:10','PHONEPE'));
INSERT INTO TRANSACTION VALUES
(('DWJ023','122','AARYAN MADAL','SUCCESS',TIMESTAMP '2023-05-08 08:14:56','PAYTM'));
INSERT INTO TRANSACTION VALUES
(('FHN123','122','AARYAN MADAL','PROCESSING',TIMESTAMP '2023-05-07 12:18:29','AMAZON PAY'));


```

INSERT INTO TRANSACTION VALUES
('NDE100','234','ADYA ANANT','SUCCESS',TIMESTAMP '2023-04-30
20:10:45','PAYTM');
INSERT INTO TRANSACTION VALUES
('HWN121','234','ADYA ANANT','PROCESSING',TIMESTAMP '2023-05-10
12:51:09','GPAY');
INSERT INTO TRANSACTION VALUES
('BJK092','234','ADYA ANANT','FAILURE',TIMESTAMP '2023-05-01
07:18:08','MOBIKWIK');
INSERT INTO TRANSACTION VALUES
('WOP292','402','DHYEY GOKANI','FAILURE',TIMESTAMP '2023-04-28
18:19:00','GPAY');
INSERT INTO TRANSACTION VALUES
('DNN106','402','DHYEY GOKANI','PROCESSING',TIMESTAMP '2023-05-
12 17:10:54','PAYTM');
INSERT INTO TRANSACTION VALUES
('HQI942','402','DHYEY GOKANI','SUCCESS',TIMESTAMP '2023-05-08
10:35:47','BHIM');
INSERT INTO TRANSACTION VALUES
('NWO191','732','DHRUV PATEL','PROCESSING',TIMESTAMP '2023-05-12
01:10:08','GPAY');
INSERT INTO TRANSACTION VALUES
('DWJ159','732','DHRUV PATEL','SUCCESS',TIMESTAMP '2023-05-09
21:24:39','PAYTM');
INSERT INTO TRANSACTION VALUES
('KNK103','732','DHRUV PATEL','SUCCESS',TIMESTAMP '2023-05-06
22:51:31','PAYTM');
INSERT INTO TRANSACTION VALUES
('DOA213','732','DHRUV PATEL','SUCCESS',TIMESTAMP '2023-05-03
23:59:32','PAYTM');
INSERT INTO TRANSACTION VALUES
('YEI123','402','DHYEY GOKANI','SUCCESS',TIMESTAMP '2023-05-11
00:46:47','AMAZON PAY');
INSERT INTO TRANSACTION VALUES
('IDK128','122','AARYAN MADAL','PROCESSING',TIMESTAMP '2023-05-
05 09:10:12','AMAZON PAY');
INSERT INTO TRANSACTION VALUES
('NSJ680','234','ADYA ANANT','SUCCESS',TIMESTAMP '2023-04-30
10:40:01','MOBIKWIK');

```

```

INSERT INTO P2P_1 VALUES
('ABX123','432');

```

```
INSERT INTO P2P_1 VALUES
('ZBY123','402');
INSERT INTO P2P_1 VALUES
('SDX123','134');
INSERT INTO P2P_1 VALUES
('DWQ423','239');
INSERT INTO P2P_1 VALUES
('FHI493','239');
INSERT INTO P2P_1 VALUES
('NGR830','134');
INSERT INTO P2P_1 VALUES
('HFB231','402');
INSERT INTO P2P_1 VALUES
('BJD992','432');
INSERT INTO P2P_1 VALUES
('VBF892','123');
INSERT INTO P2P_1 VALUES
('DFH221','122');
INSERT INTO P2P_1 VALUES
('HIO292','349');
INSERT INTO P2P_1 VALUES
('NJK201','932');
```

```
INSERT INTO P2P_2 VALUES
('432','AASHISH RAMPAL');
INSERT INTO P2P_2 VALUES
('402','DHYEY GOKANI');
INSERT INTO P2P_2 VALUES
('134','AARYAN MADAL');
INSERT INTO P2P_2 VALUES
('239','ADYA ANANT');
INSERT INTO P2P_2 VALUES
('123','ARCHIT');
INSERT INTO P2P_2 VALUES
('122','AARYAN MADAL');
INSERT INTO P2P_2 VALUES
('349','DHYEY GOKANI');
INSERT INTO P2P_2 VALUES
('932','DHRUV PATEL');
```

```
INSERT INTO MERCHANTS VALUES
```

('QWE123','VI',92334);
INSERT INTO MERCHANTS VALUES
('QYO123','AIRTEL',99934);
INSERT INTO MERCHANTS VALUES
('FIE113','JIO',95300);
INSERT INTO MERCHANTS VALUES
('HSI823','RELIANCE',49944);
INSERT INTO MERCHANTS VALUES
('QGH793','CENTRE GOVT',12345);
INSERT INTO MERCHANTS VALUES
('FEE533','ELECTRA',42835);
INSERT INTO MERCHANTS VALUES
('QJH323','GROCERY 123',64174);
INSERT INTO MERCHANTS VALUES
('SAU193','GENERAL STORE XY',64274);
INSERT INTO MERCHANTS VALUES
('QJD202','APPLIANCE STORE PQ',89993);
INSERT INTO MERCHANTS VALUES
('HSJ129','HDFC CREDIT',65300);
INSERT INTO MERCHANTS VALUES
('QFS193','ICICI CREDIT',42435);
INSERT INTO MERCHANTS VALUES
('DIQ233','ALLY CREDIT',65300);
INSERT INTO MERCHANTS VALUES
('FUR298','RED BUS',49944);
INSERT INTO MERCHANTS VALUES
('YEW205','BLUE BUS',42835);
INSERT INTO MERCHANTS VALUES
('KIO205','YATRA',92334);
INSERT INTO MERCHANTS VALUES
('GIE573','MMT',99934);
INSERT INTO MERCHANTS VALUES
('AIN482','INDIGO',12345);
INSERT INTO MERCHANTS VALUES
('JOI180','AIR INDIA',42435);
INSERT INTO MERCHANTS VALUES
('ONU801','VISTARA',64274);
INSERT INTO MERCHANTS VALUES
('XVU901','GOAIR',64174);
INSERT INTO MERCHANTS VALUES
('LOD910','IRCTC',42835);
INSERT INTO MERCHANTS VALUES
('III537','YATRA',92334);

INSERT INTO MERCHANTS VALUES
('GID572','MMT',99934);

INSERT INTO P2M VALUES
('RHY839','YES','AIN482');
INSERT INTO P2M VALUES
('KDW103','NO','DIQ233');
INSERT INTO P2M VALUES
('KDD213','YES','FEE533');
INSERT INTO P2M VALUES
('HGO291','YES','FIE113');
INSERT INTO P2M VALUES
('AYO123','YES','FUR298');
INSERT INTO P2M VALUES
('ZLO123','YES','GID572');
INSERT INTO P2M VALUES
('TWO123','NO','GIE573');
INSERT INTO P2M VALUES
('DWJ023','NO','HSI823');
INSERT INTO P2M VALUES
('FHN123','YES','HSJ129');
INSERT INTO P2M VALUES
('NDE100','YES','III537');
INSERT INTO P2M VALUES
('HWN121','YES','JOI180');
INSERT INTO P2M VALUES
('BJK092','NO','KIO205');
INSERT INTO P2M VALUES
('WOP292','YES','LOD910');
INSERT INTO P2M VALUES
('DNN106','YES','ONU801');
INSERT INTO P2M VALUES
('HQI942','NO','QFS193');
INSERT INTO P2M VALUES
('NWO191','YES','QGH793');
INSERT INTO P2M VALUES
('DWJ159','YES','QJD202');
INSERT INTO P2M VALUES
('KNK103','YES','QJH323');
INSERT INTO P2M VALUES
('DOA213','NO','QWE123');

INSERT INTO P2M VALUES
('YEI123','YES','QYO123');
INSERT INTO P2M VALUES
('IDK128','YES','SAU193');
INSERT INTO P2M VALUES
('NSJ680','YES','XVU901');

INSERT INTO SHOPS VALUES
('QJH323','GROCERIES');
INSERT INTO SHOPS VALUES
('SAU193','GENERAL');
INSERT INTO SHOPS VALUES
('QJD202','ELECTRIC APPLIANCES');

INSERT INTO ELECTRICITY VALUES
('HSI823','STATE GOVT',143001);
INSERT INTO ELECTRICITY VALUES
('QGH793','CENTRE GOVT',143002);
INSERT INTO ELECTRICITY VALUES
('FEE533','UT',560005);

INSERT INTO MOBILE_RECHARGE VALUES
('QWE123','8913410393','POSTPAID');
INSERT INTO MOBILE_RECHARGE VALUES
('QYO123','2091935923','PREPAID');
INSERT INTO MOBILE_RECHARGE VALUES
('FIE113','7040110393','POSTPAID');

INSERT INTO CREDITcard_bill VALUES
('HSJ129',1093540294020);
INSERT INTO CREDITcard_bill VALUES
('QFS193',2091930294291);
INSERT INTO CREDITcard_bill VALUES
('DIQ233',2933904920103);

INSERT INTO TICKET_BOOKING VALUES
('FUR298','ASSAM AND ARUNACHAL','WEST BENGAL');
INSERT INTO TICKET_BOOKING VALUES
('YEW205','NORTH INDIA','NORTH INDIA');

```
INSERT INTO TICKET_BOOKING VALUES
('KIO205','ALL OVER INDIA','ALL OVER INDIA');
INSERT INTO TICKET_BOOKING VALUES
('GIE573','ALL OVER INDIA','ALL OVER INDIA');
INSERT INTO TICKET_BOOKING VALUES
('AIN482','ALL OVER INDIA','ALL OVER INDIA');
INSERT INTO TICKET_BOOKING VALUES
('JOI180','ASIA','ASIA');
INSERT INTO TICKET_BOOKING VALUES
('ONU801','ALL OVER INDIA','ALL OVER INDIA');
INSERT INTO TICKET_BOOKING VALUES
('XVU901','NORTH INDIA','NORTH INDIA');
INSERT INTO TICKET_BOOKING VALUES
('LOD910','ALL OVER INDIA','ALL OVER INDIA');
INSERT INTO TICKET_BOOKING VALUES
('III537','WEST INDIA','ALL OVER INDIA');
INSERT INTO TICKET_BOOKING VALUES
('GID572','UP','ALL OVER INDIA');
```

```
INSERT INTO TRAIN VALUES
('LOD910',10930,'SHATABDI');
INSERT INTO TRAIN VALUES
('III537',81030,'MAH-GUJ');
INSERT INTO TRAIN VALUES
('GID572',40920,'GOLDEN EXPRESS');
```

```
INSERT INTO BUS VALUES
('FUR298',29094,'EXOTIC ROUTE');
INSERT INTO BUS VALUES
('YEW205',19034,'NORTH EXPRESS');
INSERT INTO BUS VALUES
('KIO205',57931,'ALL INDIA');
INSERT INTO BUS VALUES
('GIE573',84390,'BHARAT BUS');
```

```
INSERT INTO FLIGHT2 VALUES
('AIN482',671035);
INSERT INTO FLIGHT2 VALUES
('ONU801',402941);
INSERT INTO FLIGHT2 VALUES
('JOI180',924820);
```

INSERT INTO FLIGHT2 VALUES
('XVU901',129004);

TABLES AFTER INSERTION:

1. Banks:

| | BANK_NAME | SERVER_STATUS | EMAIL | TRANSACTION_LIMIT |
|----|--------------|---------------|---------------------|-------------------|
| 1 | SBI | ON | SBI@gmail.com | 100000 |
| 2 | HDFC | DOWN | HDFC@gmail.com | 1000000 |
| 3 | ICICI | ON | ICICI@gmail.com | 500000 |
| 4 | BOB | DOWN | BOB@gmail.com | 10000 |
| 5 | PNB | DOWN | PNB@gmail.com | 50000 |
| 6 | YES BANK | ON | YES@gmail.com | 10000 |
| 7 | PMB | ON | PMB@gmail.com | 20000 |
| 8 | COOPERATE | ON | COOPERATE@gmail.com | 50000 |
| 9 | GRAMIN | DOWN | GRAMIN@gmail.com | 10000 |
| 10 | CITY | ON | CITY@gmail.com | 10000 |
| 11 | ALLY | ON | ALLY@gmail.com | 1000000 |
| 12 | REVOLUT | ON | REVOLUT@gmail.com | 500000 |
| 13 | TIAA | ON | TIAA@gmail.com | 1000000 |
| 14 | LENDING CLUB | ON | LENDING@gmail.com | 200000 |
| 15 | VIO | VIO | VIO@gmail.com | 100000 |
| 16 | CENTRAL BANK | ON | CENTRAL@gmail.com | 20000 |

2.Virtual Banks:

| | BANK_NAME | VIRTUAL_ID | URL |
|---|--------------|------------|-----------------|
| 1 | ALLY | 123 | www.ALLY.com |
| 2 | REVOLUT | 124 | www.REVOLUT.com |
| 3 | TIAA | 125 | www.TIAA.com |
| 4 | LENDING CLUB | 126 | www.LENDING.com |
| 5 | VIO | 127 | www.VIO.com |

3.Physical Banks:

| ⚡ | BANK_NAME | ⚡ | MAIN_ADDRESS |
|----|--------------|----|-------------------|
| 1 | SBI | | 123 LANE ABC CITY |
| 2 | HDFC | | 124 LANE DEF CITY |
| 3 | ICICI | | 1 LANE ABC CITY |
| 4 | GRAMIN | | 10 LANE XYZ CITY |
| 5 | CITY | | 2 LANE ASR CITY |
| 6 | YES BANK | | 153 LANE UVW CITY |
| 7 | COOPERATE | | 13 LANE UVW CITY |
| 8 | PMB | | 123 LANE PQR CITY |
| 9 | PNB | | 9 LANE XYZ CITY |
| 10 | BOB | | 18 LANE XYZ CITY |
| 11 | CENTRAL BANK | 45 | LANE ADE CITY |

4.Branches:

| ⚡ | BANK_NAME | ⚡ | BRANCH_NAME | ⚡ | ADDRESS | ⚡ | BRANCH_EMAIL |
|----|--------------|---|------------------|------|------------|---|----------------------|
| 1 | SBI | | AMRITSAR BRANCH | 40/2 | LANE NO. 3 | | SBI_ASR@gmail.com |
| 2 | SBI | | DELHI BRANCH | 24 | LANE NO. 2 | | SBI_DELHI@gmail.com |
| 3 | SBI | | MUMBAI BRANCH | 64 | LANE NO. 1 | | SBI_MUM@gmail.com |
| 4 | SBI | | BANGALORE BRANCH | 4 | LANE NO. 4 | | SBI_BGL@gmail.com |
| 5 | HDFC | | AMRITSAR BRANCH | 30 | LANE NO. 5 | | HDFC_ASR@gmail.com |
| 6 | HDFC | | CHENNAI BRANCH | 40 | LANE NO. 3 | | HDFC_CHEN@gmail.com |
| 7 | HDFC | | DELHI BRANCH | 56 | LANE NO. 9 | | HDFC_DEL@gmail.com |
| 8 | HDFC | | MUMBAI BRANCH | 41 | LANE NO. 7 | | HDFC_BGL@gmail.com |
| 9 | ICICI | | AMRITSAR BRANCH | 42 | LANE NO. 3 | | ICICI_ASR@gmail.com |
| 10 | ICICI | | MUMBAI BRANCH | 67 | LANE NO. 1 | | ICICI_MUM@gmail.com |
| 11 | ICICI | | BANGALORE BRANCH | 5 | LANE NO. 4 | | ICICI_BGL@gmail.com |
| 12 | BOB | | DELHI BRANCH | 39 | LANE NO. 5 | | BOB_DEL@gmail.com |
| 13 | BOB | | CHENNAI BRANCH | 49 | LANE NO. 3 | | BOB_CHEN@gmail.com |
| 14 | GRAMIN | | MUMBAI BRANCH | 49 | LANE NO. 7 | | GRAMIN_BGL@gmail.com |
| 15 | YES BANK | | AMRITSAR BRANCH | 45/2 | LANE NO. 3 | | YES_ASR@gmail.com |
| 16 | YES BANK | | DELHI BRANCH | 29 | LANE NO. 2 | | YES_DELHI@gmail.com |
| 17 | YES BANK | | MUMBAI BRANCH | 69 | LANE NO. 1 | | YES_MUM@gmail.com |
| 18 | CITY | | BANGALORE BRANCH | 9 | LANE NO. 4 | | CITY_BGL@gmail.com |
| 19 | CITY | | AMRITSAR BRANCH | 71 | LANE NO. 5 | | CITY_ASR@gmail.com |
| 20 | COOPERATE | | CHENNAI BRANCH | 40 | LANE NO. 3 | | HDFC_CHEN@gmail.com |
| 21 | PNB | | AMRITSAR BRANCH | 591 | LANE NO. 9 | | PNB_ASR@gmail.com |
| 22 | PMB | | MUMBAI BRANCH | 15 | LANE NO. 7 | | HDFC_BGL@gmail.com |
| 23 | CENTRAL BANK | | DELHI BRANCH | 59 | LANE NO. 9 | | CNTR_DEL@gmail.com |

5. Bank Account:

| | ACC_NO | MOBILE_NO | C_NAME | BALANCE | TYPE | MIN_BALANCE | BANK_NAM |
|----|--------|------------|----------------|---------|---------|-------------|------------|
| 1 | 12345 | 7497365839 | AARYAN MADAL | 100000 | CURRENT | 10000 | SBI |
| 2 | 12355 | 7497365839 | AARYAN MADAL | 106309 | CURRENT | 10000 | HDFC |
| 3 | 12235 | 7497365839 | AARYAN MADAL | 1000000 | SAVINGS | 15000 | ICICI |
| 4 | 12435 | 8697365839 | ADYA ANANT | 100006 | CURRENT | 10000 | CENTRAL B |
| 5 | 42435 | 8697365839 | ADYA ANANT | 200506 | CURRENT | 10000 | YES BANK |
| 6 | 42835 | 8697365839 | ADYA ANANT | 1550506 | SAVINGS | 10000 | TIAA |
| 7 | 65300 | 7959365839 | AASHISH RAMPAL | 100394 | CURRENT | 5000 | PNB |
| 8 | 65367 | 7959365839 | AASHISH RAMPAL | 1000394 | SAVINGS | 50000 | ALLY |
| 9 | 95300 | 7959365839 | AASHISH RAMPAL | 200394 | CURRENT | 5000 | VIO |
| 10 | 69934 | 9959965839 | ARCHIT | 120394 | CURRENT | 5000 | PMB |
| 11 | 49944 | 9959965839 | ARCHIT | 1203940 | SAVINGS | 50000 | LENDING CI |
| 12 | 89993 | 9929965839 | ANSHU | 120394 | CURRENT | 5000 | PMB |
| 13 | 65390 | 6959965839 | DHYEY GOKANI | 1203942 | CURRENT | 50000 | CITY |
| 14 | 89934 | 6959965839 | DHYEY GOKANI | 1503942 | SAVINGS | 15000 | COOPERATE |
| 15 | 99934 | 8759929839 | TEJAS MAKODE | 2503982 | SAVINGS | 75000 | REVOLUT |
| 16 | 76974 | 9159965039 | DHRUV PATEL | 1503741 | CURRENT | 15000 | GRAMIN |
| 17 | 92334 | 8759929839 | TEJAS MAKODE | 503982 | CURRENT | 10000 | ICICI |
| 18 | 64274 | 9159965039 | DHRUV PATEL | 603741 | SAVINGS | 20000 | HDFC |

6. Card:

| | ACC_NO | CARD_NO | HASHED_PIN | HASHED_CVV | MONTH | YEAR |
|----|--------|-------------|----------------|--------------|-------|------|
| 1 | 12235 | 94820840222 | 53890284020180 | 924380820002 | 11 | 25 |
| 2 | 12355 | 45920840222 | 19990284020180 | 924982324123 | 12 | 26 |
| 3 | 12435 | 32220840926 | 64332284020423 | 321180820002 | 8 | 23 |
| 4 | 42835 | 23320840266 | 92401284020553 | 953148203777 | 2 | 28 |
| 5 | 49944 | 34582084022 | 23190284020180 | 924380820003 | 7 | 27 |
| 6 | 65300 | 45654208407 | 53346484020530 | 234380823214 | 6 | 25 |
| 7 | 65367 | 45282084022 | 63876284020990 | 994380823999 | 8 | 24 |
| 8 | 69934 | 67220840542 | 76350284020430 | 214380043687 | 10 | 25 |
| 9 | 76974 | 95426909549 | 32536984020244 | 924562999242 | 1 | 26 |
| 10 | 89934 | 92899659902 | 28969365656323 | 953454596962 | 5 | 24 |
| 11 | 99934 | 94239404022 | 74099604493080 | 948504904202 | 11 | 23 |

7. Contain:

| | ⚡ BANK_NAME | ⚡ BRANCH_NAME | ⚡ ACC_NO |
|----|--------------|------------------|----------|
| 1 | BOB | CHENNAI BRANCH | 42435 |
| 2 | BOB | DELHI BRANCH | 42435 |
| 3 | CENTRAL BANK | DELHI BRANCH | 64274 |
| 4 | CITY | AMRITSAR BRANCH | 95300 |
| 5 | CITY | BANGALORE BRANCH | 95300 |
| 6 | COOPERATE | CHENNAI BRANCH | 65300 |
| 7 | GRAMIN | MUMBAI BRANCH | 69934 |
| 8 | HDFC | CHENNAI BRANCH | 65390 |
| 9 | HDFC | CHENNAI BRANCH | 92334 |
| 10 | HDFC | DELHI BRANCH | 65390 |
| 11 | HDFC | MUMBAI BRANCH | 12355 |
| 12 | ICICI | AMRITSAR BRANCH | 12435 |
| 13 | ICICI | BANGALORE BRANCH | 76974 |
| 14 | ICICI | MUMBAI BRANCH | 12435 |
| 15 | PMB | MUMBAI BRANCH | 64174 |
| 16 | PNB | AMRITSAR BRANCH | 49944 |
| 17 | SBI | AMRITSAR BRANCH | 12235 |
| 18 | SBI | AMRITSAR BRANCH | 65367 |
| 19 | SBI | BANGALORE BRANCH | 99934 |
| 20 | SBI | DELHI BRANCH | 12345 |
| 21 | SBI | MUMBAI BRANCH | 65367 |
| 22 | YES BANK | AMRITSAR BRANCH | 42835 |
| 23 | YES BANK | AMRITSAR BRANCH | 89934 |
| 24 | YES BANK | MUMBAI BRANCH | 89934 |
| 25 | YES BANK | MUMBAI BRANCH | 89993 |

8. User2:

| | ⚡ UPI_ID | ⚡ USER_NAME | ⚡ HASHED_PIN |
|----|----------|----------------|---------------|
| 1 | 432 | AASHISH RAMPAL | 43090200932 |
| 2 | 402 | DHYEY GOKANI | 459039020832 |
| 3 | 134 | AARYAN MADAL | 4309049000932 |
| 4 | 239 | ADYA ANANT | 5409290132 |
| 5 | 123 | ARCHIT | 98403290932 |
| 6 | 122 | AARYAN MADAL | 2390092032 |
| 7 | 349 | DHYEY GOKANI | 1893004042 |
| 8 | 932 | DHRUV PATEL | 39030032932 |
| 9 | 732 | DHRUV PATEL | 2390490932 |
| 10 | 292 | ANSHU | 32994023932 |
| 11 | 234 | ADYA ANANT | 39934900932 |
| 12 | 189 | AASHISH RAMPAL | 2309032022 |

9.Only_receiver:

| | UPI_ID | CHARGE |
|---|--------|--------|
| 1 | 432 | 10 |
| 2 | 239 | 11 |
| 3 | 932 | 12 |
| 4 | 292 | 15 |
| 5 | 123 | 11 |
| 6 | 134 | 10 |
| 7 | 189 | 15 |
| 8 | 349 | 5 |

10.Senders_And_Receivers:

| | UPI_ID | SUBSCRIPTION_FEE | MONEY_SENT_TODAY |
|---|--------|------------------|------------------|
| 1 | 122 | 100 | 10000 |
| 2 | 234 | 100 | 1520 |
| 3 | 402 | 150 | 12490 |
| 4 | 732 | 200 | 1940 |

11.U_B:

| | UPI_ID | ACC_NO |
|----|--------|--------|
| 1 | 122 | 12355 |
| 2 | 123 | 69934 |
| 3 | 134 | 12235 |
| 4 | 189 | 65300 |
| 5 | 234 | 42435 |
| 6 | 239 | 12435 |
| 7 | 292 | 89993 |
| 8 | 349 | 89934 |
| 9 | 402 | 65390 |
| 10 | 432 | 65367 |
| 11 | 732 | 64274 |
| 12 | 932 | 76974 |

12.Payment_Gateway:

| | NAME | TYPE |
|---|------------|---------|
| 1 | GPAY | NON-KYC |
| 2 | PHONEPE | NON-KYC |
| 3 | PAYTM | KYC |
| 4 | BHIM | NON-KYC |
| 5 | MOBIKWIK | KYC |
| 6 | AMAZON PAY | NON-KYC |

13. Sends1:

| | UPI_ID | NAME | AMOUNT |
|----|--------|------------|--------|
| 1 | 402 | GPAY | 2000 |
| 2 | 402 | PHONEPE | 20 |
| 3 | 402 | BHIM | 20000 |
| 4 | 234 | AMAZON PAY | 500 |
| 5 | 234 | PAYTM | 399 |
| 6 | 122 | GPAY | 100 |
| 7 | 122 | MOBIKWIK | 450 |
| 8 | 732 | PHONEPE | 2 |
| 9 | 732 | PAYTM | 1000 |
| 10 | 402 | AMAZON PAY | 21 |
| 11 | 402 | MOBIKWIK | 10 |
| 12 | 234 | BHIM | 19 |
| 13 | 122 | BHIM | 310 |
| 14 | 732 | GPAY | 205 |

14. Sends2:

| | UPI_ID | SENDING_TIME |
|---|--------|--------------------------------|
| 1 | 402 | 01-01-23 2:00:00.000000000 AM |
| 2 | 234 | 19-12-23 5:00:01.000000000 AM |
| 3 | 122 | 21-06-20 11:10:05.000000000 AM |
| 4 | 732 | 30-04-19 11:40:35.000000000 PM |

15. Receives1:

| | UPI_ID | NAME | AMOUNT |
|----|--------|------------|--------|
| 1 | 432 | PHONEPE | 2 |
| 2 | 239 | PHONEPE | 2 |
| 3 | 932 | GPAY | 205 |
| 4 | 292 | BHIM | 310 |
| 5 | 123 | AMAZON PAY | 500 |
| 6 | 134 | PAYTM | 399 |
| 7 | 189 | MOBIKWIK | 10 |
| 8 | 349 | BHIM | 20000 |
| 9 | 122 | AMAZON PAY | 21 |
| 10 | 234 | GPAY | 100 |

16. Receives2:

| | UPI_ID | RECIEVING_TIME |
|----|--------|--------------------------------|
| 1 | 432 | 30-04-19 11:40:05.000000000 PM |
| 2 | 239 | 31-05-19 10:45:35.000000000 PM |
| 3 | 932 | 28-11-21 6:42:20.000000000 PM |
| 4 | 292 | 05-02-22 5:04:34.000000000 AM |
| 5 | 123 | 03-03-23 9:40:11.000000000 AM |
| 6 | 134 | 10-09-18 5:16:32.000000000 PM |
| 7 | 189 | 20-04-23 2:56:33.000000000 PM |
| 8 | 349 | 18-10-19 10:17:23.000000000 PM |
| 9 | 122 | 13-08-21 1:12:57.000000000 AM |
| 10 | 234 | 09-05-22 12:49:34.000000000 PM |

17. Transactions:

| | TRANSACTION_ID | SENDER_ID | SENDER_NAME | STATUS | INITIATION_TIME | NAME |
|----|----------------|-----------|--------------|------------|--------------------------------|------------|
| 1 | ABX123 | 122 | AARYAN MADAL | PROCESSING | 09-05-23 12:29:29.000000000 PM | GPAY |
| 2 | ZBY123 | 122 | AARYAN MADAL | SUCCESS | 09-05-23 11:11:23.000000000 AM | GPAY |
| 3 | SDX123 | 122 | AARYAN MADAL | FAILURE | 09-05-23 11:08:10.000000000 AM | PHONEPE |
| 4 | DWQ423 | 122 | AARYAN MADAL | SUCCESS | 08-05-23 9:14:56.000000000 AM | PAYTM |
| 5 | FHI493 | 122 | AARYAN MADAL | PROCESSING | 07-05-23 12:29:29.000000000 PM | AMAZON PAY |
| 6 | NGR830 | 234 | ADYA ANANT | SUCCESS | 30-04-23 8:20:45.000000000 PM | PAYTM |
| 7 | HFB231 | 234 | ADYA ANANT | PROCESSING | 10-05-23 12:01:09.000000000 PM | GPAY |
| 8 | BJD992 | 234 | ADYA ANANT | FAILURE | 01-05-23 7:19:48.000000000 AM | MOBIKWIK |
| 9 | VBF892 | 402 | DHYEY GOKANI | FAILURE | 28-04-23 6:14:10.000000000 PM | GPAY |
| 10 | DFH221 | 402 | DHYEY GOKANI | PROCESSING | 12-05-23 12:49:54.000000000 PM | PAYTM |
| 11 | HIO292 | 402 | DHYEY GOKANI | SUCCESS | 08-05-23 9:35:47.000000000 AM | BHIM |
| 12 | NJK201 | 732 | DHRUV PATEL | PROCESSING | 12-05-23 11:10:08.000000000 AM | GPAY |
| 13 | RHY839 | 732 | DHRUV PATEL | SUCCESS | 09-05-23 2:24:39.000000000 PM | PAYTM |
| 14 | KDW103 | 732 | DHRUV PATEL | SUCCESS | 06-05-23 7:51:31.000000000 PM | PAYTM |
| 15 | KDD213 | 732 | DHRUV PATEL | SUCCESS | 03-05-23 11:59:32.000000000 AM | PAYTM |
| 16 | HGO291 | 402 | DHYEY GOKANI | SUCCESS | 11-05-23 11:46:47.000000000 PM | AMAZON PAY |
| 17 | AYO123 | 122 | AARYAN MADAL | SUCCESS | 25-04-23 10:04:27.000000000 AM | GPAY |
| 18 | ZLO123 | 122 | AARYAN MADAL | SUCCESS | 09-05-23 3:15:23.000000000 PM | GPAY |
| 19 | IWO123 | 122 | AARYAN MADAL | FAILURE | 09-05-23 11:08:10.000000000 AM | PHONEPE |
| 20 | DWJ023 | 122 | AARYAN MADAL | SUCCESS | 08-05-23 8:14:56.000000000 AM | PAYTM |
| 21 | FHN123 | 122 | AARYAN MADAL | PROCESSING | 07-05-23 12:18:29.000000000 PM | AMAZON PAY |
| 22 | NDE100 | 234 | ADYA ANANT | SUCCESS | 30-04-23 8:10:45.000000000 PM | PAYTM |
| 23 | HWN121 | 234 | ADYA ANANT | PROCESSING | 10-05-23 12:51:09.000000000 PM | GPAY |
| 24 | BJK092 | 234 | ADYA ANANT | FAILURE | 01-05-23 7:18:08.000000000 AM | MOBIKWIK |
| 25 | WOP292 | 402 | DHYEY GOKANI | FAILURE | 28-04-23 6:19:00.000000000 PM | GPAY |
| 26 | DNN106 | 402 | DHYEY GOKANI | PROCESSING | 12-05-23 5:10:54.000000000 PM | PAYTM |
| 27 | HQI942 | 402 | DHYEY GOKANI | SUCCESS | 08-05-23 10:35:47.000000000 AM | BHIM |
| 28 | NWO191 | 732 | DHRUV PATEL | PROCESSING | 12-05-23 1:10:08.000000000 AM | GPAY |
| 29 | DWJ159 | 732 | DHRUV PATEL | SUCCESS | 09-05-23 9:24:39.000000000 PM | PAYTM |
| 30 | KNK103 | 732 | DHRUV PATEL | SUCCESS | 06-05-23 10:51:31.000000000 PM | PAYTM |
| 31 | DOA213 | 732 | DHRUV PATEL | SUCCESS | 03-05-23 11:59:32.000000000 PM | PAYTM |
| 32 | YEI123 | 402 | DHYEY GOKANI | SUCCESS | 11-05-23 12:46:47.000000000 AM | AMAZON PAY |
| 33 | IDK128 | 122 | AARYAN MADAL | PROCESSING | 05-05-23 9:10:12.000000000 AM | AMAZON PAY |
| 34 | NSJ680 | 234 | ADYA ANANT | SUCCESS | 30-04-23 10:40:01.000000000 AM | MOBIKWIK |

18. P2P_1:

| | TRANSACTION_ID | RECEIVER_ID |
|----|----------------|-------------|
| 1 | ABX123 | 432 |
| 2 | ZBY123 | 402 |
| 3 | SDX123 | 134 |
| 4 | DWQ423 | 239 |
| 5 | FHI493 | 239 |
| 6 | NGR830 | 134 |
| 7 | HFB231 | 402 |
| 8 | BJD992 | 432 |
| 9 | VPF892 | 123 |
| 10 | DFH221 | 122 |
| 11 | HIO292 | 349 |
| 12 | NJK201 | 932 |

19. P2P_2:

| | RECEIVER_ID | RECEIEVER_NAME |
|---|-------------|----------------|
| 1 | 432 | AASHISH RAMPAL |
| 2 | 402 | DHYEY GOKANI |
| 3 | 134 | AARYAN MADAL |
| 4 | 239 | ADYA ANANT |
| 5 | 123 | ARCHIT |
| 6 | 122 | AARYAN MADAL |
| 7 | 349 | DHYEY GOKANI |
| 8 | 932 | DHRUV PATEL |

20. Merchants:

| | ↕ MERCHANT_ID | ↕ MERCHANT_NAME | ↕ ACC_NO |
|----|---------------|--------------------|----------|
| 1 | QWE123 | VI | 92334 |
| 2 | QY0123 | AIRTEL | 99934 |
| 3 | FIE113 | JIO | 95300 |
| 4 | HSI823 | RELIANCE | 49944 |
| 5 | QGH793 | CENTRE GOVT | 12345 |
| 6 | FEE533 | ELECTRA | 42835 |
| 7 | QJH323 | GROCERY 123 | 64174 |
| 8 | SAU193 | GENERAL STORE XY | 64274 |
| 9 | QJD202 | APPLIANCE STORE PQ | 89993 |
| 10 | HSJ129 | HDFC CREDIT | 65300 |
| 11 | QFS193 | ICICI CREDIT | 42435 |
| 12 | DIQ233 | ALLY CREDIT | 65300 |
| 13 | FUR298 | RED BUS | 49944 |
| 14 | YEW205 | BLUE BUS | 42835 |
| 15 | KIO205 | YATRA | 92334 |
| 16 | GIE573 | MMT | 99934 |
| 17 | AIN482 | INDIGO | 12345 |
| 18 | JOI180 | AIR INDIA | 42435 |
| 19 | ONU801 | VISTARA | 64274 |
| 20 | XVU901 | GOAIR | 64174 |
| 21 | LOD910 | IRCTC | 42835 |
| 22 | III537 | YATRA | 92334 |
| 23 | GID572 | MMT | 99934 |

21. P2M:

| | TRANSACTION_ID | RECEIPT_PRESENT | MERCHANT_ID |
|----|----------------|-----------------|-------------|
| 1 | RHY839 | YES | AIN482 |
| 2 | KDW103 | NO | DIQ233 |
| 3 | KDD213 | YES | FEE533 |
| 4 | HGO291 | YES | FIE113 |
| 5 | AYO123 | YES | FUR298 |
| 6 | ZLO123 | YES | GID572 |
| 7 | IWO123 | NO | GIE573 |
| 8 | DWJ023 | NO | HSI823 |
| 9 | FHN123 | YES | HSJ129 |
| 10 | NDE100 | YES | III537 |
| 11 | HWN121 | YES | JOI180 |
| 12 | BJK092 | NO | KIO205 |
| 13 | WOP292 | YES | LOD910 |
| 14 | DNN106 | YES | ONU801 |
| 15 | HQI942 | NO | QFS193 |
| 16 | NWO191 | YES | QGH793 |
| 17 | DWJ159 | YES | QJD202 |
| 18 | KNK103 | YES | QJH323 |
| 20 | YEI123 | YES | QY0123 |
| 21 | IDK128 | YES | SAU193 |
| 22 | NSJ680 | YES | XVU901 |

22. Shops:

| | MERCHANT_ID | TYPE |
|---|-------------|----------------------|
| 1 | QJH323 | GROCERIES |
| 2 | SAU193 | GENERAL |
| 3 | QJD202 | ELECTRIC APPPLIANCES |

23. Electricity:

| | MERCHANT_ID | CUSTOMER_ID | AREA_CODE |
|---|-------------|-------------|-----------|
| 1 | HSI823 | STATE GOVT | 143001 |
| 2 | QGH793 | CENTRE GOVT | 143002 |
| 3 | FEE533 | UT | 560005 |

24. Mobile_Recharge:

| | ⇄ MERCHANT_ID | ⇄ MOBILE_NO | ⇄ TYPE |
|---|---------------|-------------|----------|
| 1 | QWE123 | 8913410393 | POSTPAID |
| 2 | QYO123 | 2091935923 | PREPAID |
| 3 | FIE113 | 7040110393 | POSTPAID |

25. Creditcard_Bill:

| | ⇄ MERCHANT_ID | ⇄ CARD_NO |
|---|---------------|---------------|
| 1 | HSJ129 | 1093540294020 |
| 2 | QFS193 | 2091930294291 |
| 3 | DIQ233 | 2933904920103 |

26. Ticket_Booking:

| | ⇄ MERCHANT_ID | ⇄ DESTINATION | ⇄ SOURCE |
|----|---------------|---------------------|----------------|
| 1 | FUR298 | ASSAM AND ARUNACHAL | WEST BENGAL |
| 2 | YEW205 | NORTH INDIA | NORTH INDIA |
| 3 | KIO205 | ALL OVER INDIA | ALL OVER INDIA |
| 4 | GIE573 | ALL OVER INDIA | ALL OVER INDIA |
| 5 | AIN482 | ALL OVER INDIA | ALL OVER INDIA |
| 6 | JOI180 | ASIA | ASIA |
| 7 | ONU801 | ALL OVER INDIA | ALL OVER INDIA |
| 8 | LOD910 | ALL OVER INDIA | ALL OVER INDIA |
| 9 | III537 | WEST INDIA | ALL OVER INDIA |
| 10 | GID572 | UP | ALL OVER INDIA |
| 11 | XVU901 | NORTH INDIA | NORTH INDIA |

27. Train:

| | ⇅ MERCHANT_ID | ⇅ TRAIN_NO | ⇅ TRAIN_NAME |
|---|---------------|------------|----------------|
| 1 | LOD910 | 10930 | SHATABDI |
| 2 | III537 | 81030 | MAH-GUJ |
| 3 | GID572 | 40920 | GOLDEN EXPRESS |

28. Bus:

| | ⇅ MERCHANT_ID | ⇅ BUS_NO | ⇅ BUS_NAME |
|---|---------------|----------|---------------|
| 1 | FUR298 | 29094 | EXOTIC ROUTE |
| 2 | YEW205 | 19034 | NORTH EXPRESS |
| 3 | KIO205 | 57931 | ALL INDIA |
| 4 | GIE573 | 84390 | BHARAT BUS |

29. Flight2:

| | ⇅ MERCHANT_ID | ⇅ FLIGHT_NO |
|---|---------------|-------------|
| 1 | AIN482 | 671035 |
| 2 | ONU801 | 402941 |
| 3 | JOI180 | 924820 |
| 4 | XVU901 | 129004 |