

TABLES

I. Branch

```
create table branch (  
    branch_name varchar2(20),  
    branch_ph_no number,  
    address varchar2(20)  
    primary key(branch_name) );
```

II. Employee

```
create table employee(  
    emp_id number,  
    emp_name varchar2(20),  
    emp_address varchar2(20),  
    emp_no number,  
    card_id number,  
    password varchar2(20),  
    user_name varchar2(20),  
    paycheck number,  
    branch_name varchar2(20) ,  
    primary key(emp_id),  
    foreign key(card_id) references card(c_id),  
    foreign key(branch_name) references branch(branch_name) );
```

III. Customer

```
create table customer(  
    cus_id number,  
    cus_name varchar2(20),  
    cus_no number,  
    card_id number,  
    password varchar2(20),  
    user_name varchar2(20) not null,  
    date_sign_up date,  
    primary key(cus_id),  
    foreign key(card_id) references card(c_id) );
```

IV. Book

```
create table book (  
    book_id number primary key ,  
    total_book number(30),  
    availability number,  
    b_name varchar2(20) );
```

V. Video

```
create table video (  
    year number,  
    video_id number primary key ,
```

```
total_video number(30),  
availability number,  
v_name varchar2(20));
```

VI. Record_Audit

```
create table rec_audit(  
    rec_id number,  
    name varchar2(50),  
    datetime timestamp);
```

VII. Rent

```
create table rent(  
    rent_id number primary key,  
    cus_id number references customer(cus_id),  
    item_id number,  
    issue_date date,  
    return_date date,  
    foreign key(item_id) references book(book_id) ,  
    foreign key(item_id) references video(video_id) );
```

VIII. Card

```
create table card (  
    c_id number,  
    fine number,  
    stauts varchar2(20) ,  
    primary key(c_id));
```

IX. Tx

```
create table tx(  
    id number primary key,  
    tx_type varchar2(20),  
    cus_id number,  
    item_id number,  
    issue_date date ,  
    return_date date, fine number);
```