**TABLES**

1. **Branch**

create table branch (

branch\_name varchar2(20),

branch\_ph\_no number,

address varchar2(20)

primary key(branch\_name) );

1. **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) );

1. **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) );

1. **Book**

create table book (

book\_id number primary key ,

total\_book number(30),

availability number,

b\_name varchar2(20) );

1. **Video**

create table video (

year number,

video\_id number primary key ,

total\_video number(30),

availability number,

v\_name varchar2(20));

1. **Record\_Audit**

create table rec\_audit(

rec\_id number,

name varchar2(50),

datetime timestamp);

1. **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) );

1. **Card**

create table card (

c\_id number,

fine number,

stauts varchar2(20) ,

primary key(c\_id));

1. **Tx**

create table tx(

id number primary key,

tx\_type varchar2(20),

cus\_id number,

item\_id number,

issue\_date date ,

return\_datedate,fine number);