create database library;

use library;

create table manager(

idmanager char(20) not null primary key,

iduser char(20) not null,

foreign key (iduser) references member(iduser)

);

create table member(

iduser char(20) not null primary key,

email varchar(30) ,

pass varchar(50) not null,

fullname varchar(50) ,

gender varchar(20),

phone varchar(20),

address varchar(100),

state\_borrow varchar(200),

idcard varchar(20),

age int,

job varchar(50)

);

create table books(

id\_book int not null primary key auto\_increment,

bookname varchar(50) not null,

author\_id int not null,

img varchar(200),

quantity int,

note varchar(1000),

views varchar(50),

categories varchar(50),

price int

);

create table author (

id\_author int primary key not null auto\_increment,

fullname varchar(50),

birthday datetime

);

create table publishers (

id\_publisher int primary key not null auto\_increment,

publisher varchar(100),

location varchar(200)

)

;

create table languages (

id int primary key not null auto\_increment,

language varchar(50)

);

create table sections (

id int primary key not null auto\_increment,

section varchar(50)

);

create table categories(

id\_category int primary key not null auto\_increment,

category varchar (100)

);

create table book\_category(

id int primary key not null auto\_increment,

id\_category int,

id\_book int,

foreign key (id\_category) references categories(id\_category),

foreign key (id\_book) references books(id\_book)

);

create table activities\_library(

id\_act int primary key not null auto\_increment,

loginname char(20) not null,

id\_book int not null,

borow\_date datetime not null,

return\_date datetime,

foreign key (loginname) references members(loginname),

foreign key (id\_book) references books(id\_book)

);

create table detailed\_activities(

id\_detail int primary key not null auto\_increment,

loginname char(20) not null,

id\_book int not null,

note varchar(300),

foreign key (loginname) references members(loginname),

foreign key (id\_book) references books(id\_book)

);

create table histories(

id\_history int primary key not null,

content varchar(20) ,

loginname char(20) not null,

id\_book int not null,

moment datetime,

foreign key (loginname) references members(loginname)

);