

```

class Person {
    protected String name;
    protected int age;
    protected String Dob;
    protected String gender;

    protected void SETdetails()
    {

    }

}
class User extends Person{

    protected String userid;
    protected String emailid;
    protected String password;
    protected long phoneno;
    protected void signup(){

    }
    protected void login(){

    }
    protected void book(){
        Booking b = new Booking();
    }
    protected void pay(){
        Payment pay=new Payment();
    }

}
class Passenger extends Person {

    protected String passengerid;
    protected long phoneno;

    protected void passengerid()
    {

    }

}
class Bus

{

    String Bus_no;
    String Bus_type;
    String no_of_seats;
    void busDetails() {

    }

    Route r = new Route();

}
class Route

{

    String Route_id;

    String From;
    String To;

```

```

        String subroute1;
        String subroute2;
        String subroute3;
        String Boardpt1;
        String Boardpt2;
        String Boardpt3;

String Boarding_point3;

        void update_route_details() {}

}
Class Booking extends Bus
{
protected int seat_no;
protected String ticktid;
protected String date;
protected String boardpt;
protected void getid(){

}
protected void copassenger()
{
}
protected void cancel()
{
}
}

Class Payment extends Booking{
    protected String tranctid;
    protected String Modeofpayment;
    protected String status;
    protected pay(){

    }

}

```