Class structure

```
Class person
{
        protected String Name;
        protected String Dob;
        protected String Gender;
        protected int Age;
        protected long int Mobile_Num;
        protected void Update_values()
        {

        }
}

class user extends person
{
        protected String Uid;
        protected String Password;
        protected String Email_id;
        ticket t = new ticket();
        payment p = new payment();
        passenger pg = new passenger();
        protected void Generate_user_id()
        {

        }

        protected void Change_password()
        {

        }
}

Class passenger extends person
{
        protected String Email_id;

        protected void Get_Eid()
        {
```

```java
		}
}

Class bus_driver extends person
{


		protected void Update_values()
		{


		}
}




class bus extends bus_driver
{
		String Bus_no;
		String Bus_type;
		String no_of_seats;
		route r = new route();

		void Update_bus_details()
		{


		}

   }

class route
{
		String Route_id;
		String start;
		String Destination;
		String intermidiate_1;
		String intermidiate_2;
		String intermidiate_3;
		String intermidiate_4;
		String Boarding_point[10];
		void update_route_details()
		{


		}
```

```java
}




Class ticket extends bus
{
        protected int seat_no;
        protected String ticket_id;
        protected String date;
        protected String boarding_point;
        protected void generate_ticket_id()
        {

        }
        protected void check_copassenger()
        {

        }
        protected void cancel_booking()
        {

        }

}




class payment extends ticket
{
        protected int payment_id;
        protected String status;
        protected String payment_method;
        protected void calculate_amount()
        {

        }
}
```