

## CLASS VISUALISATION

**Class person**

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

**class user extends person**

```
{  
    protected String User_id;  
    protected String Password;  
    protected void Generate_user_id()  
    {  
  
    }  
  
    protected void Change_password()  
    {  
  
    }  
}
```

**Class traveller extends person**

```
{  
    protected String Traveller_id;  
    protected void Generate_traveller_id()  
    {  
  
    }  
}
```

### **Interface bus**

```
{  
    String Bus_no;  
    String Bus_type;  
    String Bus_capacity;  
    void Update_bus_details();  
}
```

### **Interface route**

```
{  
    String Route_id;  
    String Current_location;  
    String Destination;  
    String intermediate_1;  
    String intermediate_2;  
    String intermediate_3;  
    String intermediate_4;  
    String Boarding_point1;  
    String Boarding_point2;  
    String Boarding_point3;  
    void update_route_details();  
}
```

### **Interface cost extends route, bus**

```
{  
    float fare;  
    void update_fare();  
}
```

**Class booking implements bus, route extends traveller**

```
{  
    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 interface cost extends booking**

```
{  
    protected int transcation_id;  
    protected String status;  
    protected String payment_method;  
    protected void calculate_amount()  
    {  
  
    }  
}
```

