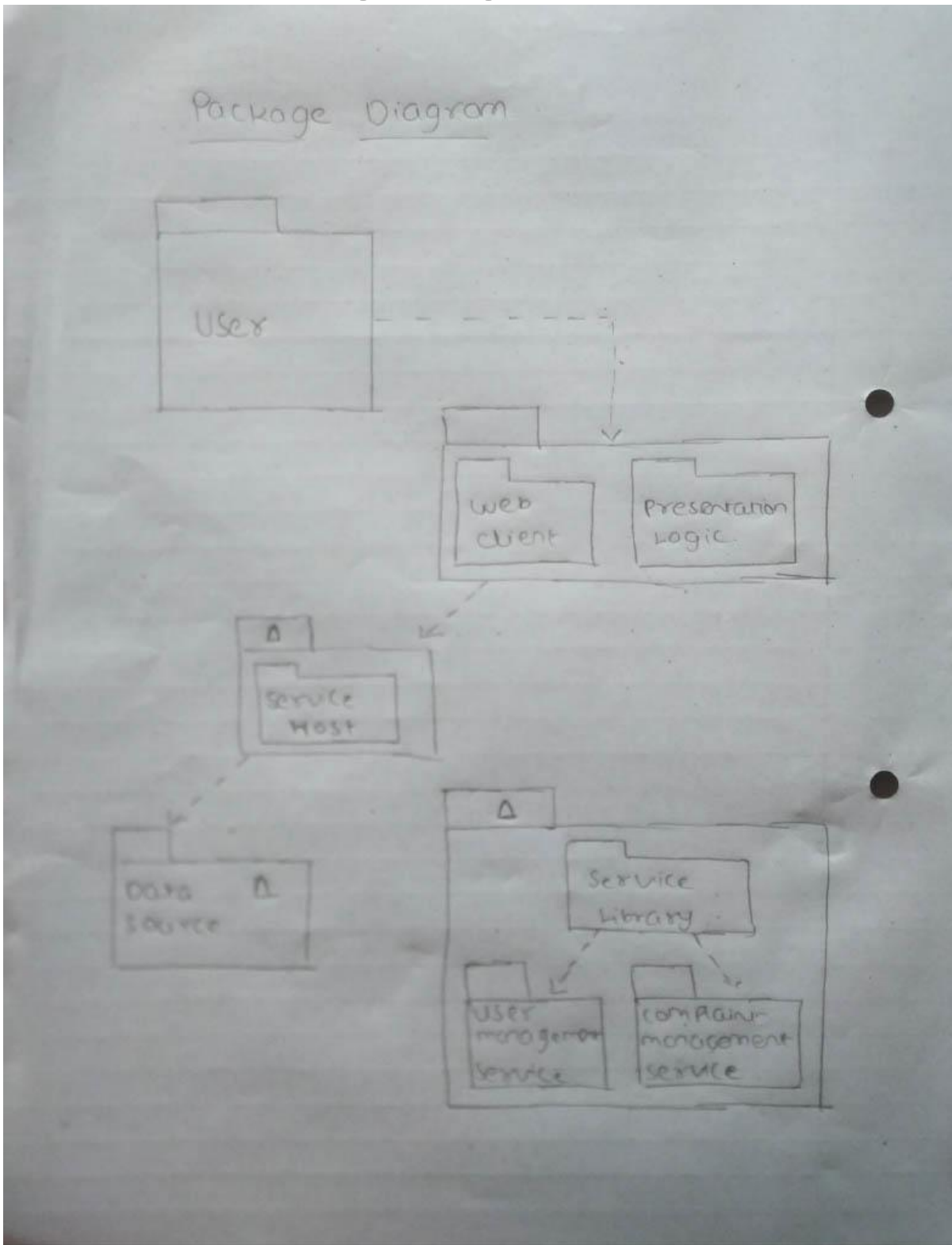


## Assignment-10

### ❖ Package Diagram



## ❖ Builder Pattern

```
//import java.util.*;
class Car
{
    private String wheel;
    private String color;
    private String engine;

    public Car(String wheel, String color, String engine)
    {
        this.wheel = wheel;
        this.color = color;
        this.engine = engine;
    }

    @Override
    public String toString()
    {
        return ("wheel: " + this.wheel + "\tcolor: " + this.color + "\tengine: "
+ this.engine);
    }
}

class CarBuilder
{
    private String wheel;
    private String color;
    private String engine;

    public CarBuilder setWheel(String wheel)
    {
        this.wheel = wheel;
        return this;
    }

    public CarBuilder setColor(String color)
    {

```

```

        this.color = color;
        return this;
    }

    public CarBuilder setEngine(String engine)
    {
        this.engine = engine;
        return this;
    }

    public Car getCar()
    {
        return new Car(this.wheel, this.color, this.engine);
    }
}

public class Lab10
{
    public static void main(String[] args)
    {
        CarBuilder builder = new CarBuilder();
        builder.setWheel(args[0]).setEngine(args[1]).setColor(args[2]);
        Car car = builder.getCar();
        System.out.println(car);
    }
}

```

```

C:\Users\saurabh biswas\Desktop\Sem6\labs\OOSE\Lab10>javac Lab10.java

C:\Users\saurabh biswas\Desktop\Sem6\labs\OOSE\Lab10>java Lab10 Mag Black Diesel
wheel: Mag      color: Diesel  engine: Black

C:\Users\saurabh biswas\Desktop\Sem6\labs\OOSE\Lab10>java Lab10 Alloy White Petrol
wheel: Alloy    color: Petrol  engine: White

```