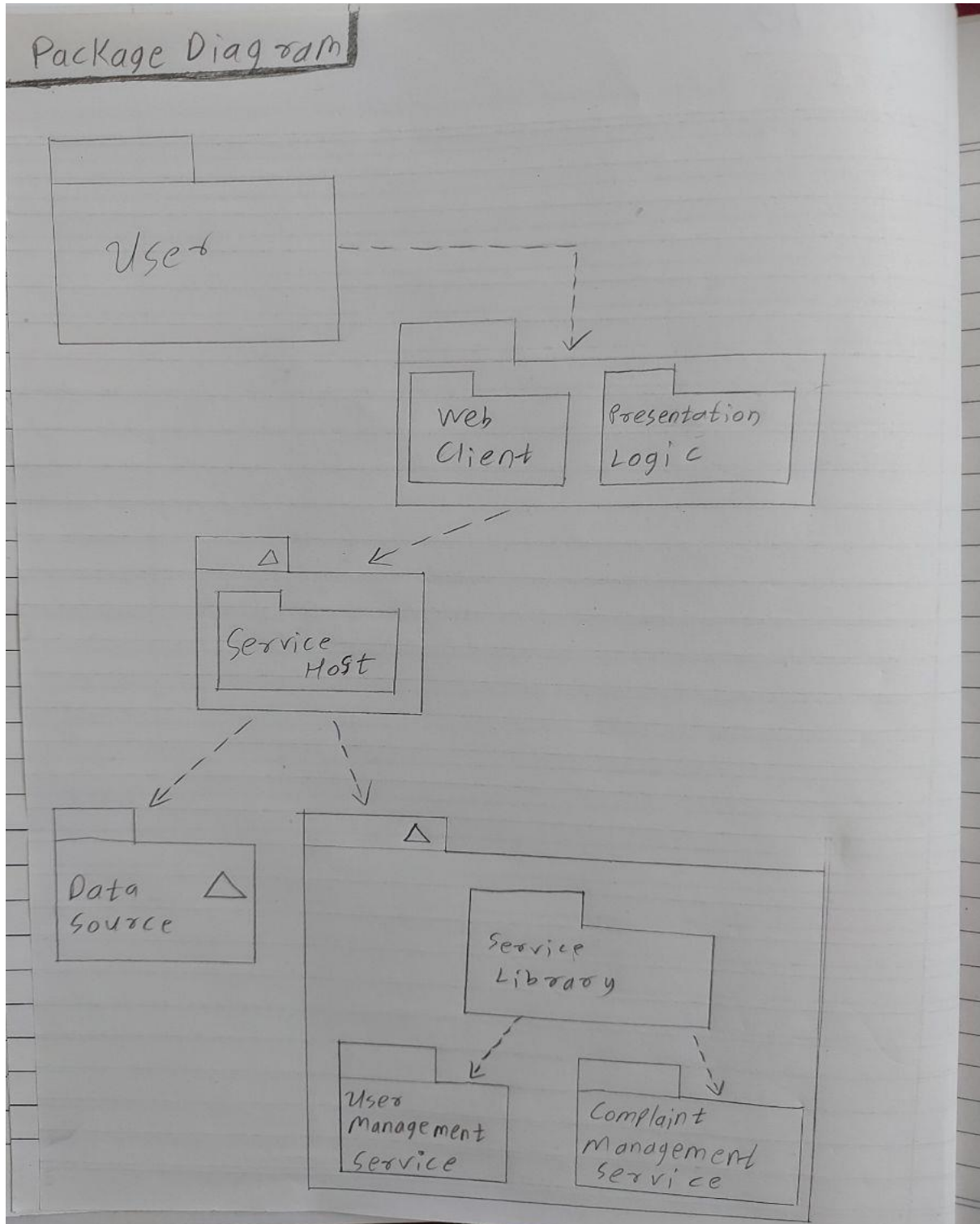


OOSE Lab 10

CE012

◆ Package Diagram:



◆ Builder Pattern:

```
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 ("Car=>\t[Wheel: " + this.wheel + ", Color: " + this.color + ", Engine: " +
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]).setColor(args[1]).setEngine(args[2]);
        Car car = builder.getCar();
        System.out.println("");
        System.out.println(car);
        System.out.println("");
    }
}

```

I/P&O/P:

```
(base) PS F:\desktop_files_repo\prog\012_sem6\OOSE\Lab\Lab10> java Lab10 steel white diesel  
Car=> [Wheel: steel, Color: white, Engine: diesel]
```

```
(base) PS F:\desktop_files_repo\prog\012_sem6\OOSE\Lab\Lab10> java Lab10 Alloy Grey Petrol  
Car=> [Wheel: Alloy, Color: Grey, Engine: Petrol]
```