COS214 PRAC5

Class Diagram

**Component1: Composite**

Participants:

* **Component**: SmartDevice
* **Leaf**: Light, Alarm, DoorLock, Thermostat
* **Composite**: Room
* **Client**: Section

**Component2: Adapter**

Participants:

* **Adapter**: SmartThermostatIntegrator
* **Adaptee**: OldThermostat
* **Target**: Thermostat

**Component3: Command**

Participants:

* **Invoker**: MacroRoutine
* **Receiver**: Room
* **Command**: Command
* **ConcreteCommand**: LockAllDoors, TurnOnAllAlarms, TurnOffAllLights

**Component4: Observer**

Participants:

* **Subject**: Sensor
* **Observer**: SmartDevice
* **ConcreteObserver**: Room, Light, Alarm, DoorLock, Thermostat