

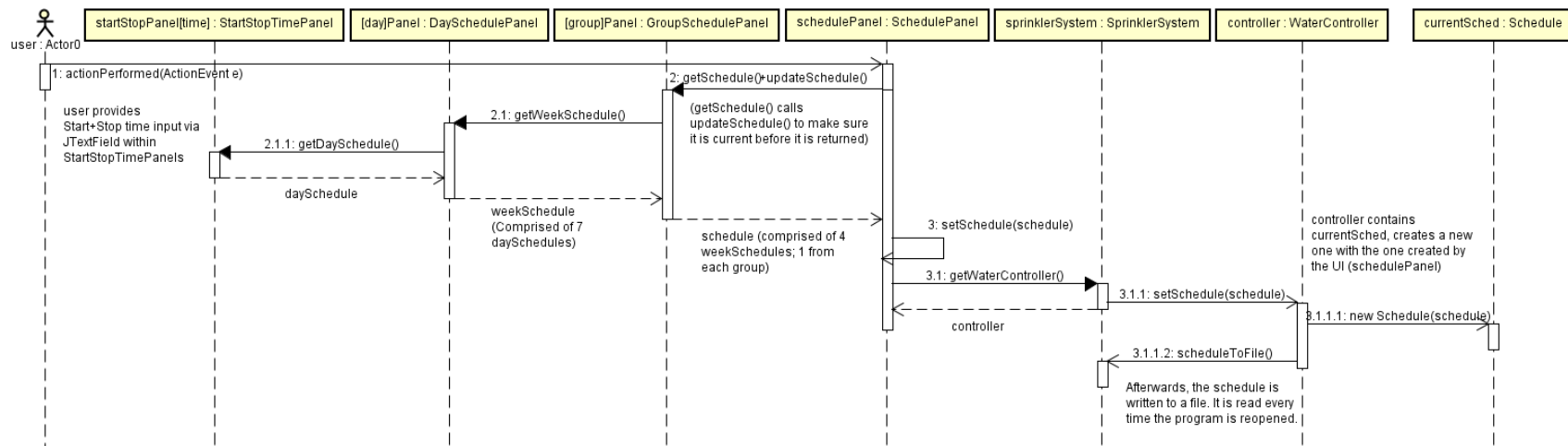
COEN 160 Final Project Deliverables 2

TEAM D: Colton Powell and Andrew Chang

SEQUENCE DIAGRAMS

(Note: Set Sprinkler Status use case omitted because it is not a program requirement)

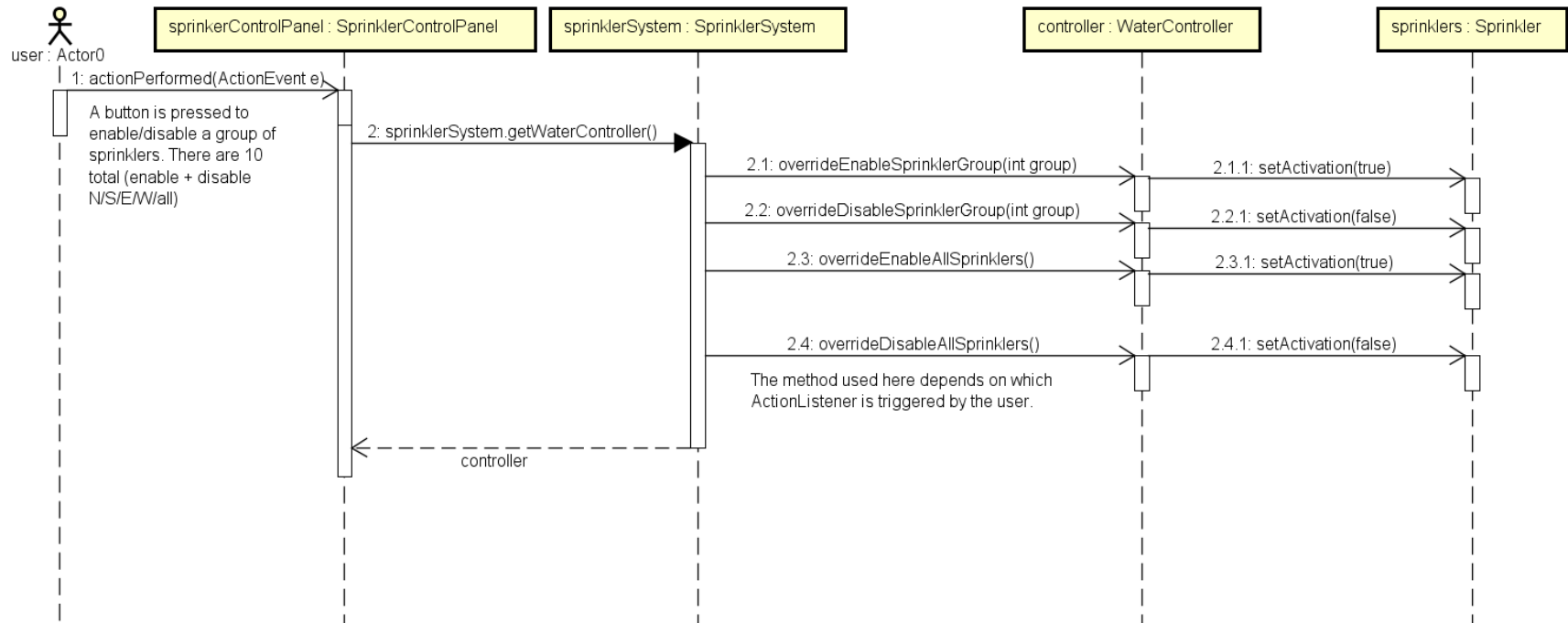
1. Set Schedule



(setSchedule within schedulePanel calls sprinklerSystem's controller's setSchedule() method)

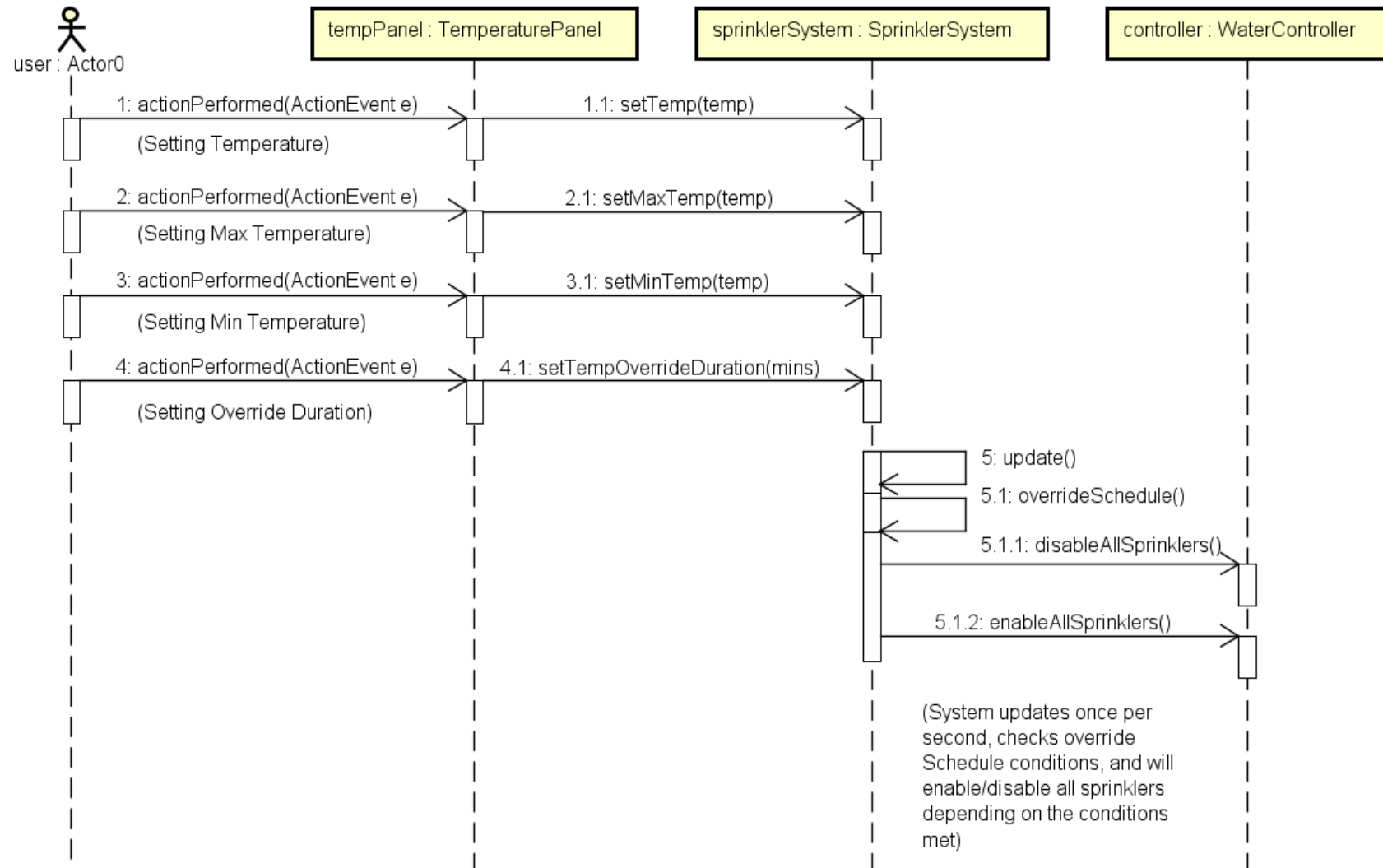
SEQUENCE DIAGRAMS (Continued)

2. Enable/Disable Sprinklers (Schedule override)



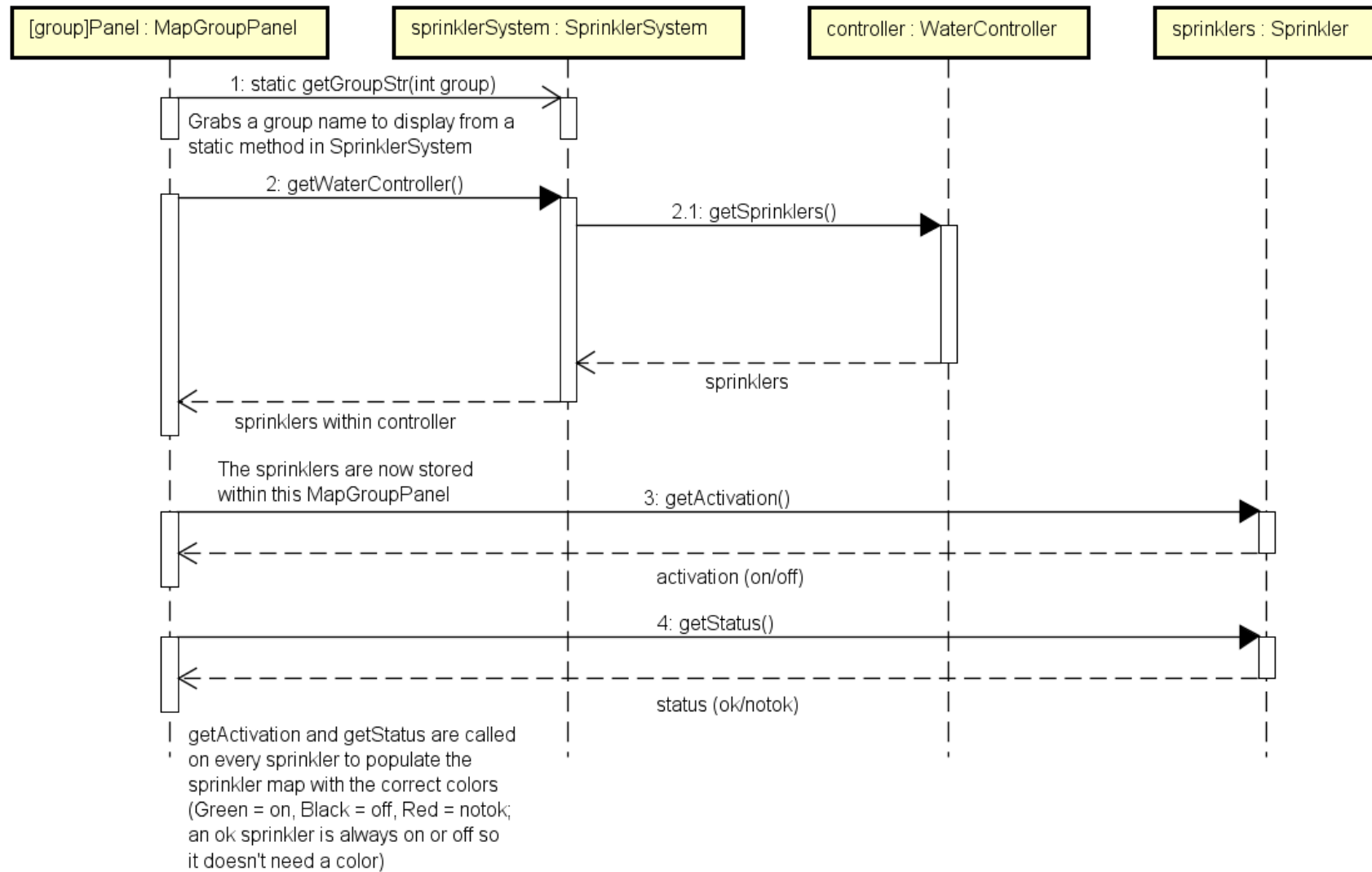
SEQUENCE DIAGRAMS (Continued)

3. Set temperature, and override schedule based on min/max temperature limits (Previously 2 separate use cases)



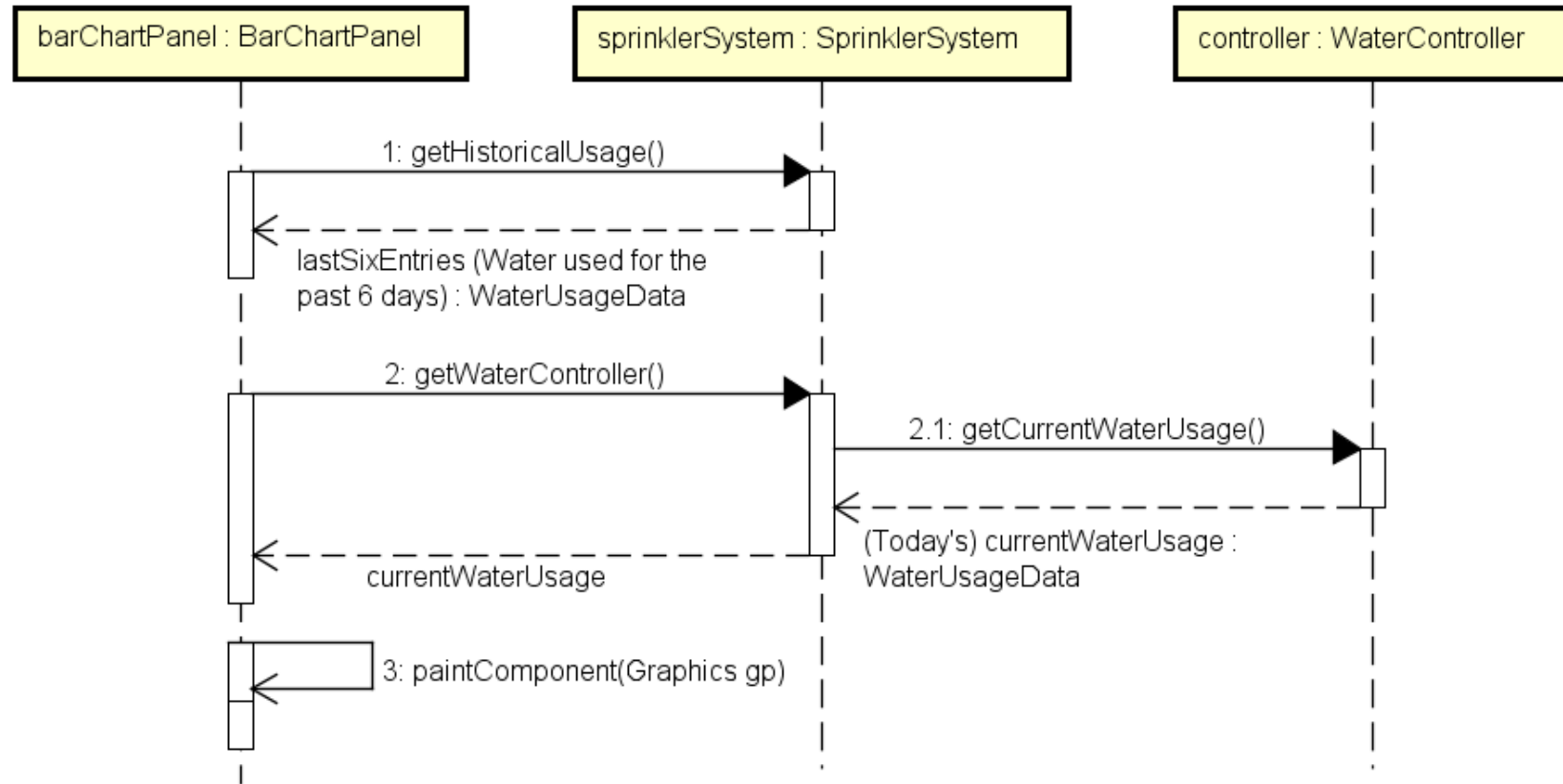
SEQUENCE DIAGRAMS (Continued)

4. Display Map



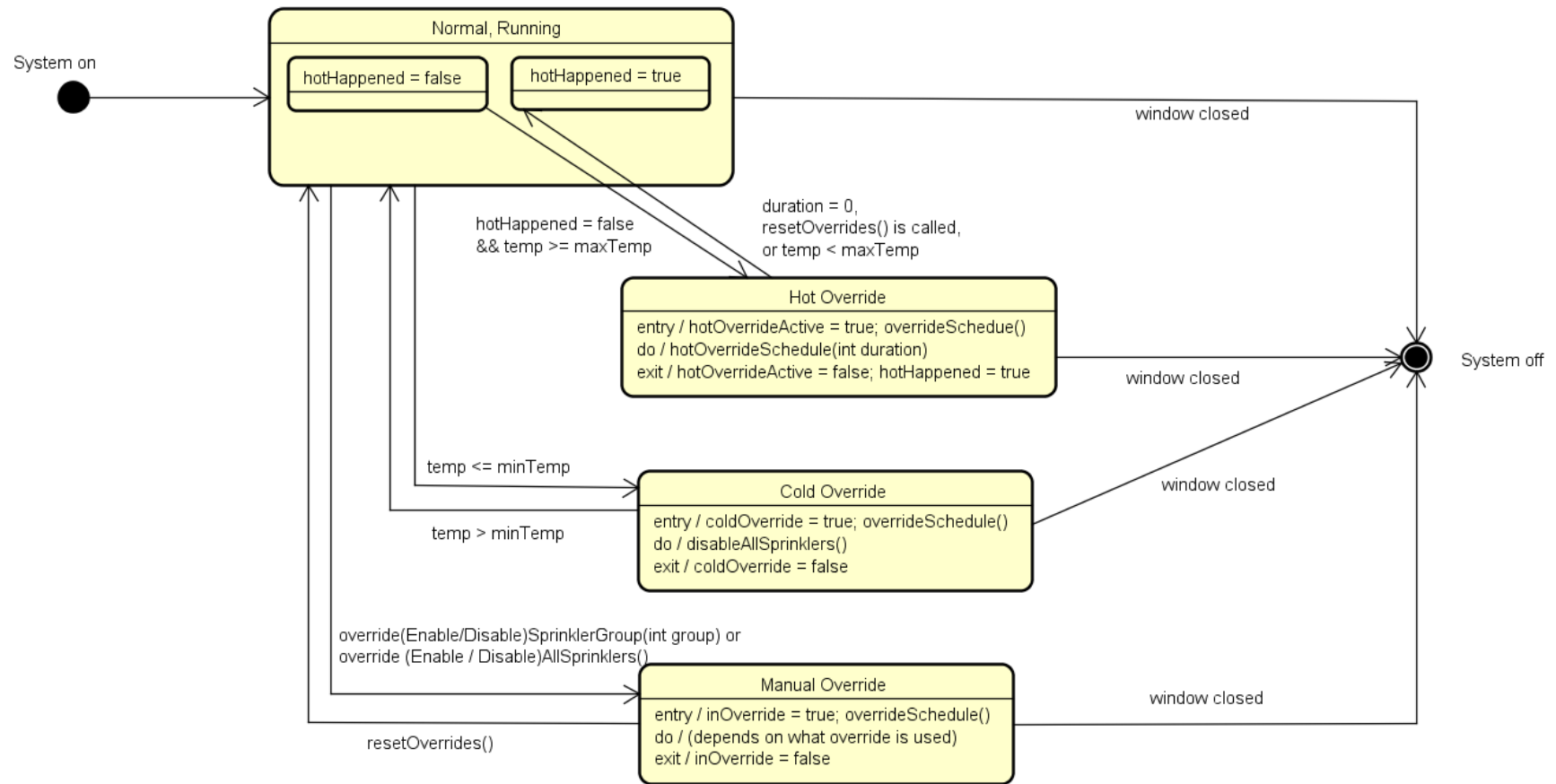
SEQUENCE DIAGRAMS (Continued)

5. Display Water Usage

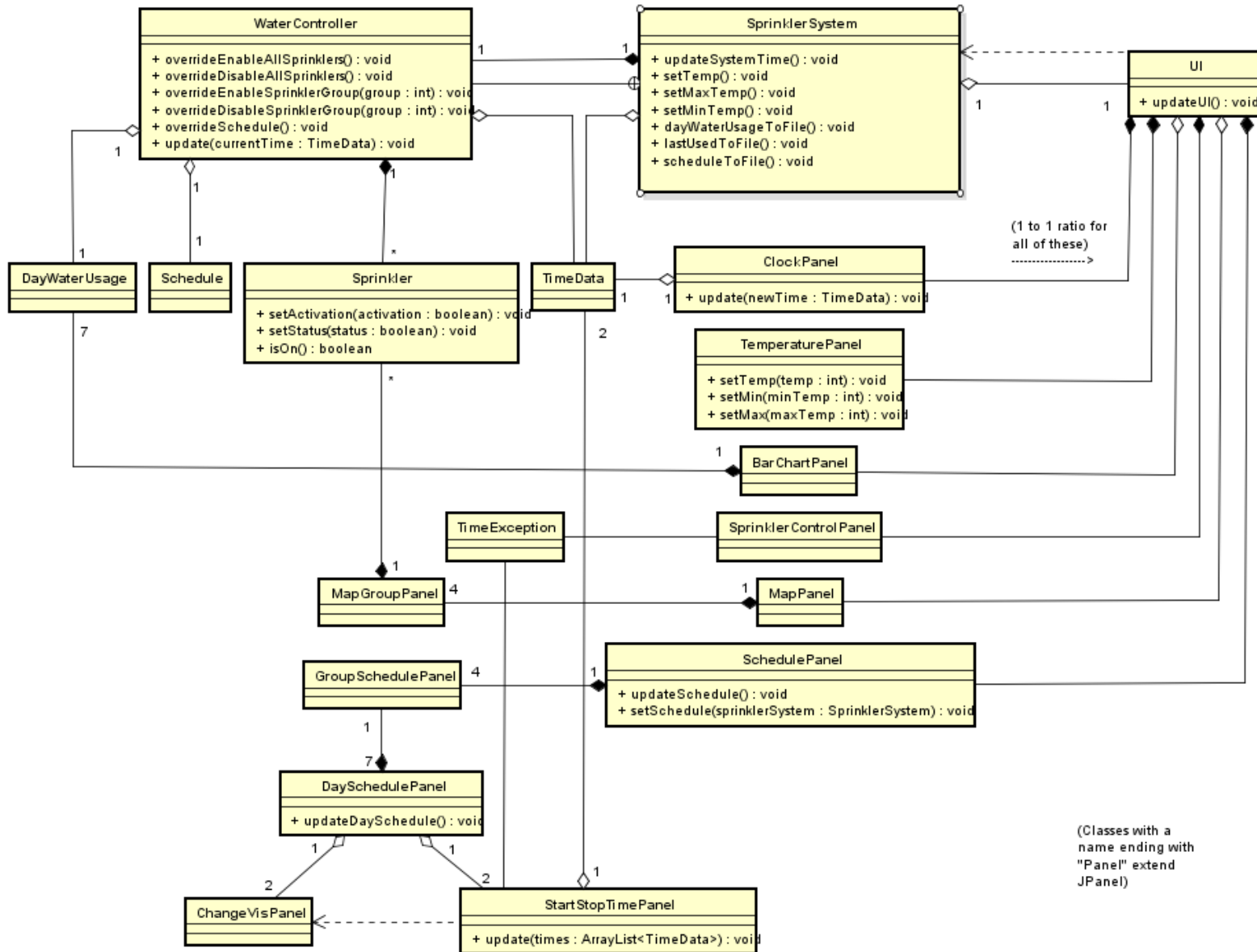


`lastSixEntries` and `currentWaterUsage` are then combined within a single data structure in `barChartPanel` and are used to draw a water use bar graph with `paintComponent()`

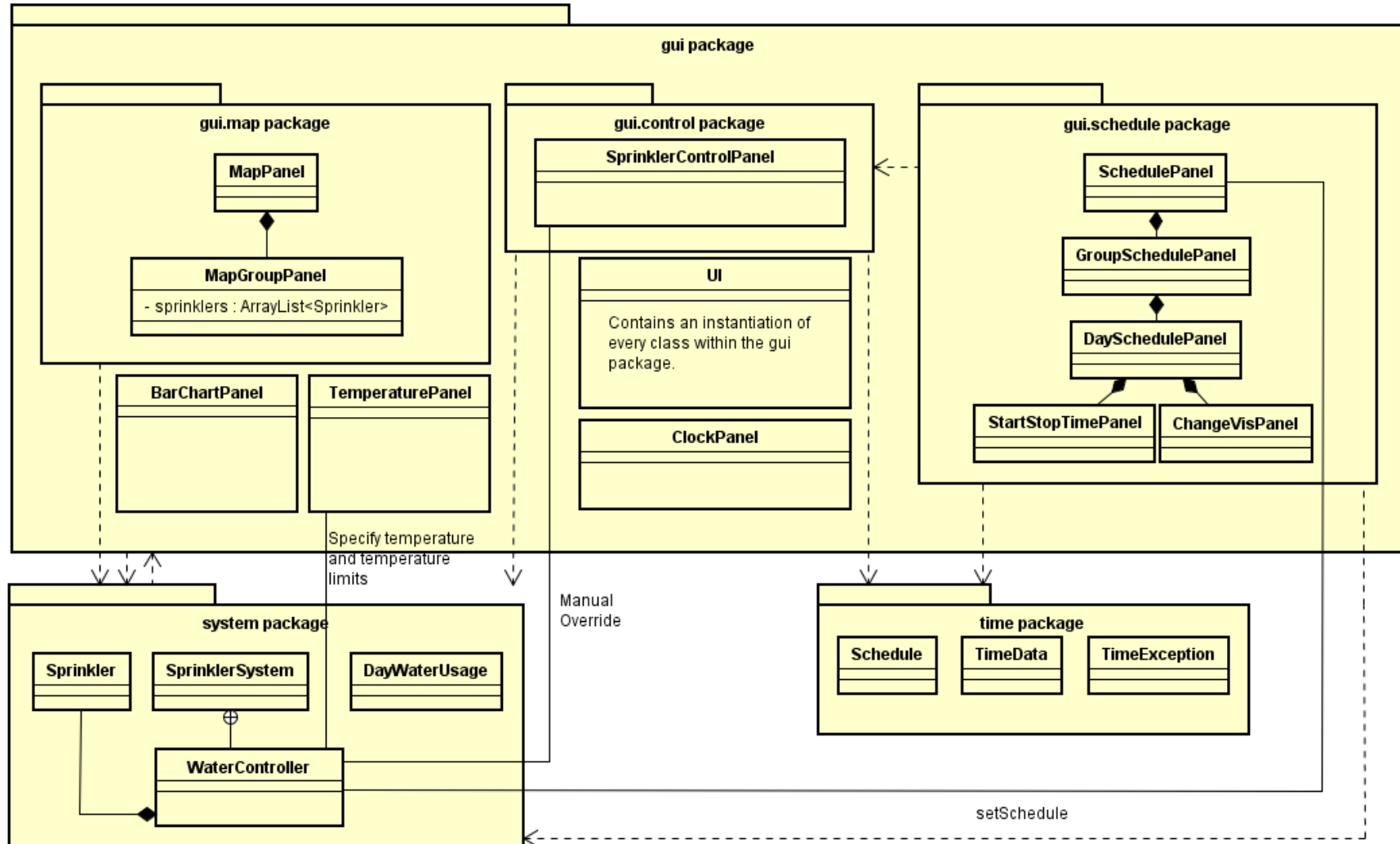
STATE DIAGRAM



CLASS DIAGRAM



PACKAGE DIAGRAM



USE CASE DIAGRAM

