Console

sensorRegistry: SensorRegistry locationRegistry: LocationRegistry mapTable: MapTable readTable: ReadTable

+deploySensor(Sensor, Location) +readTemperature(Sensor, Temperature)

ReadTable

reads: ArrayList;Read;

 $+ \ make New Read (Sensor, Temperature) \\ + \ find Current Read (Sensor)$

Read

sensor: Sensor temperature: Temperature

SensorRegistery

sensors: Array List;
Sensor;

+isAlreadyDeployed(Sensor)

Sensor

isDeployed: boolean

Temperature

LocationRegistry

locations: ArrayList;Location;

 $+ find Current Location (Location) \\ + add New Location (Location)$

Location

MapTable

maps: ArrayList;Map;

+makeNewMap(Sensor, Location) +findCurrentMap(Location)

Map

sensor: Sensor location: Location

Figure 1: UML Class Diagram for Sensor System