Communication Diagram

ENGR 342

DeploySensorOK(Sensor, Temperature, Location)

:TempMonitorApp — DeploySensor() → :TempMonitor

1: inDeployed := deployed.findSensor(Sensor)

:TempMonitor

1a: [Sensor found] SensorAlreadyDeployed(Sensor)

1b: [Sensor not found] inMap := map.findLocation(Location)

:TempMonitor

:TempMonitor

1ba: [Location not found in map] deployed.add(Sensor)

1bb: [Location found in map] LocationAlreadyCovered(Location)

:TempMonitor

:TempMonitor

1ba.1: map.put(Sensor,Location)

:TempMonitor

1ba.2: read.put(Sensor,Temperature)

:TempMonitor