

DeploySensorOK



User

:TempMonitor

:Deployed_Sensor

:Location_Type

:Temperature_Type

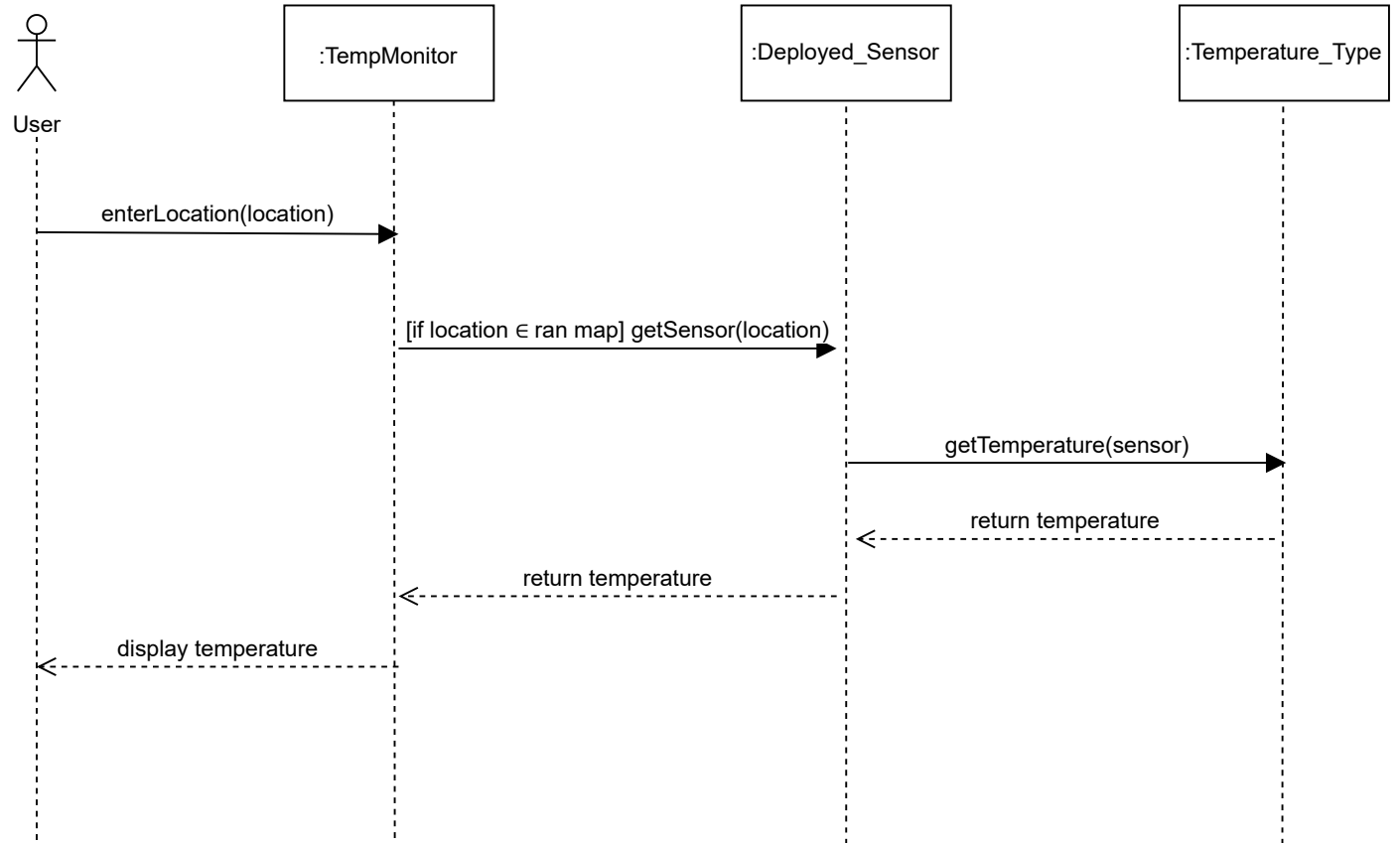
enterInfo(sensor, location, temperature)

[if sensor \notin deployed and
location \notin range map] addSensor(sensor)

addLocation(location)

addTemperature(temperature)

ReadTemperatureOK



Success



User

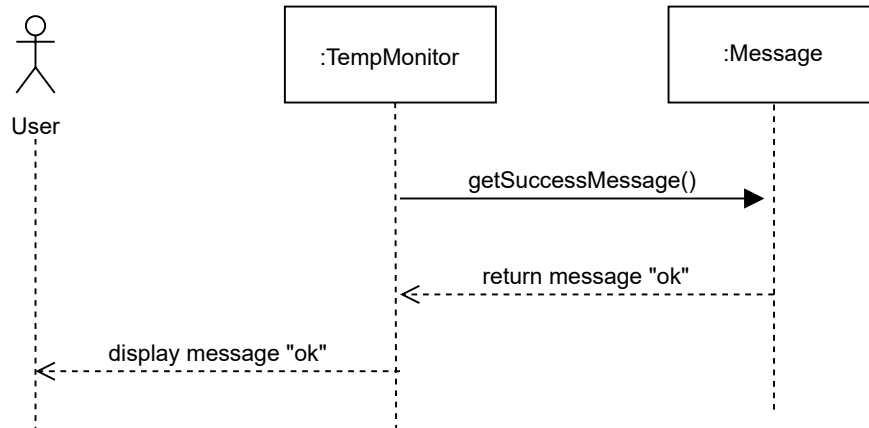
:TempMonitor

:Message

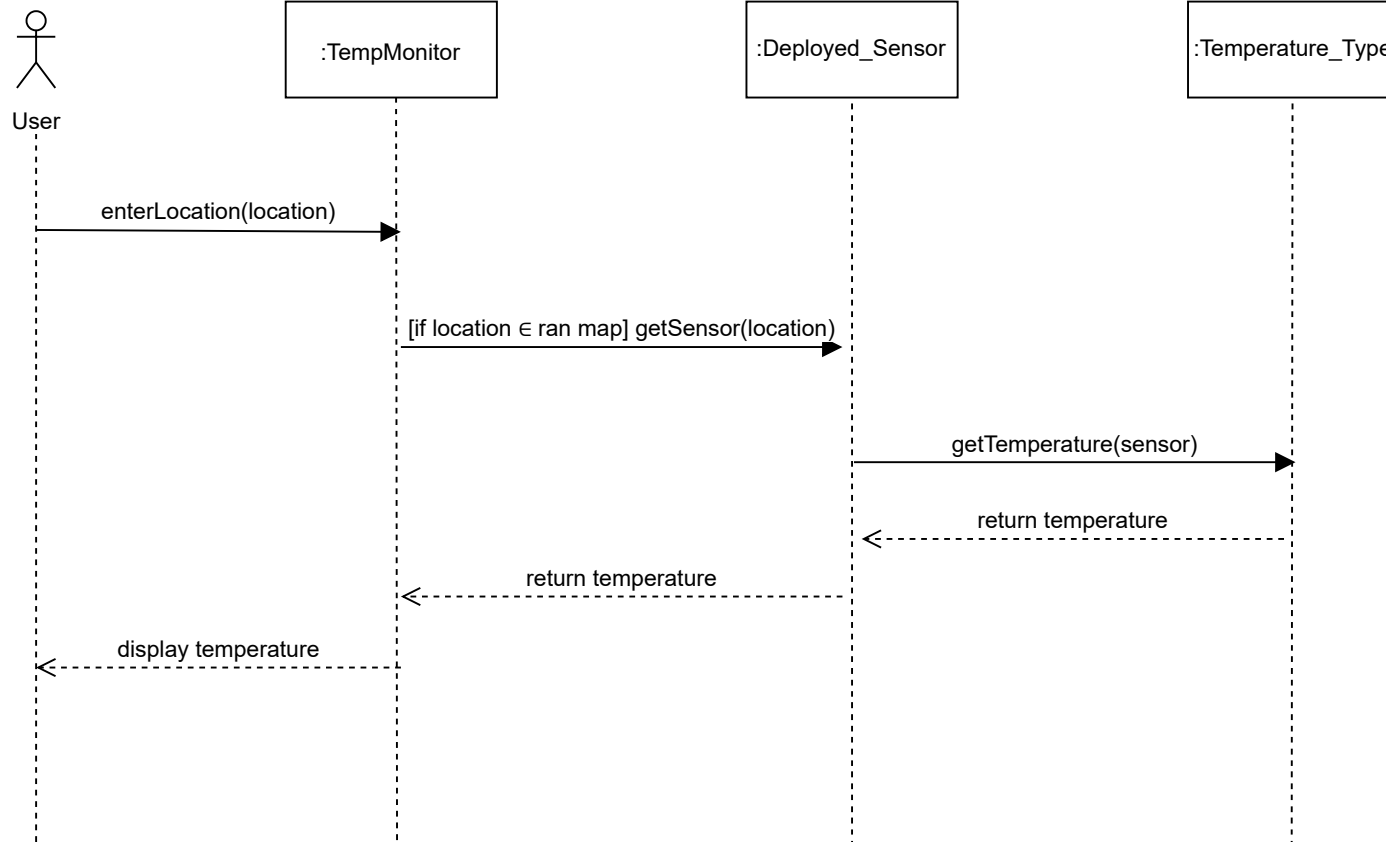
getSuccessMessage()

return message "ok"

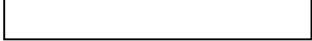
display message "ok"



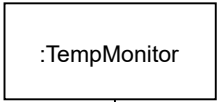
ReadTemperatureOK



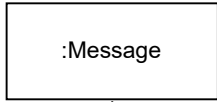
Success



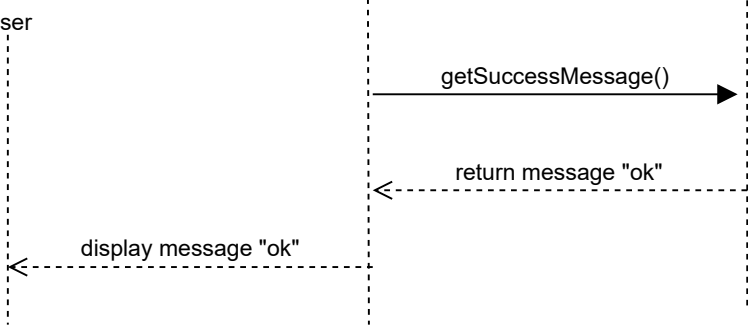
User



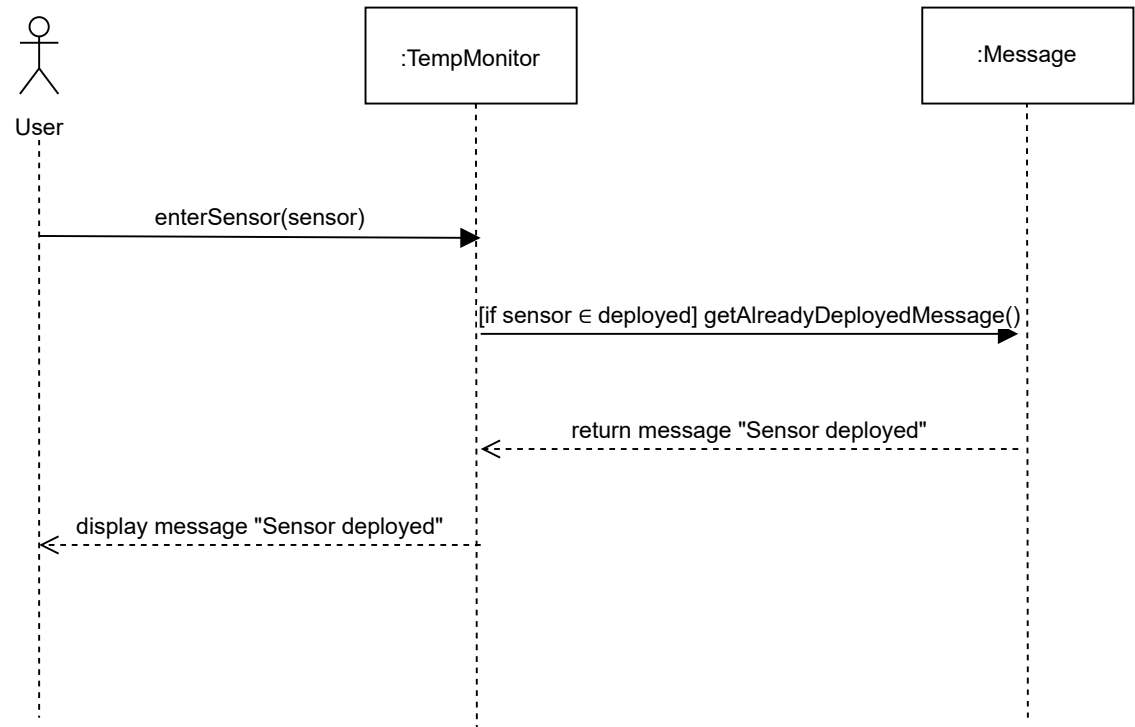
:TempMonitor



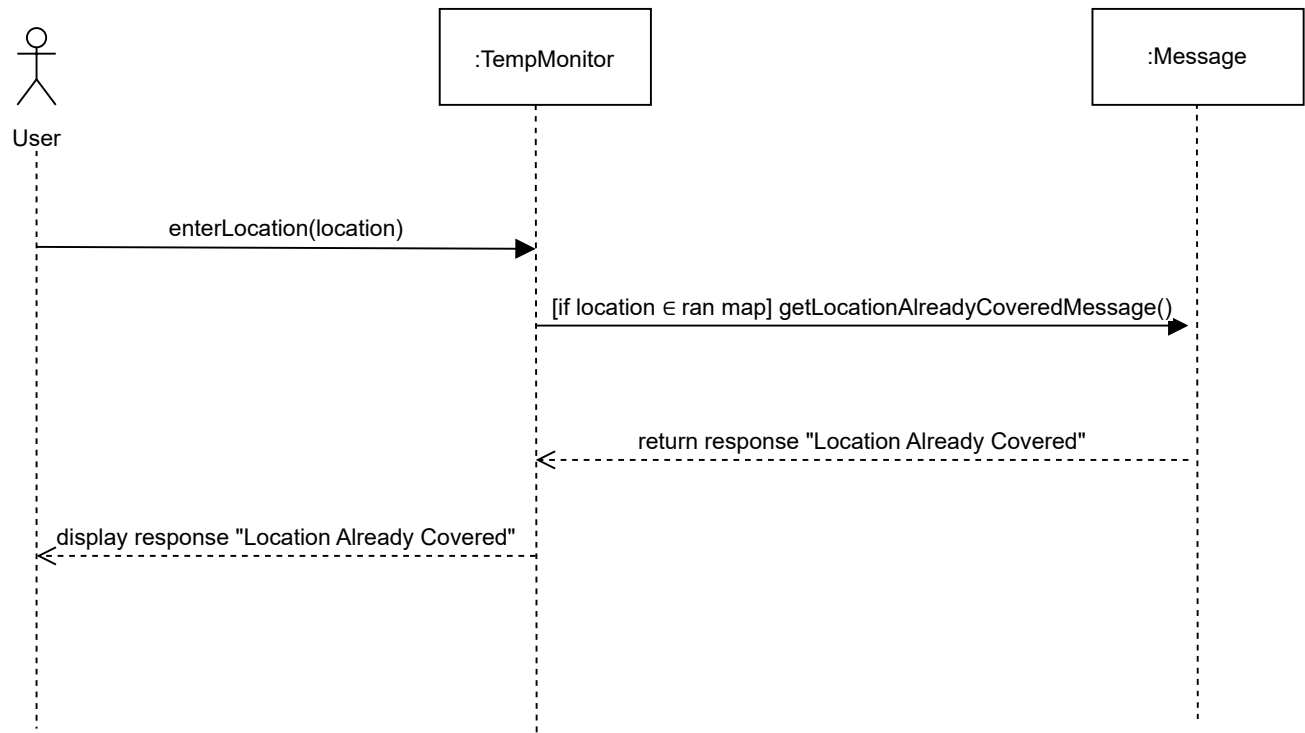
:Message



SensorAlreadyDeployed



LocationAlreadyCovered



LocationUnknown



User

:TempMonitor

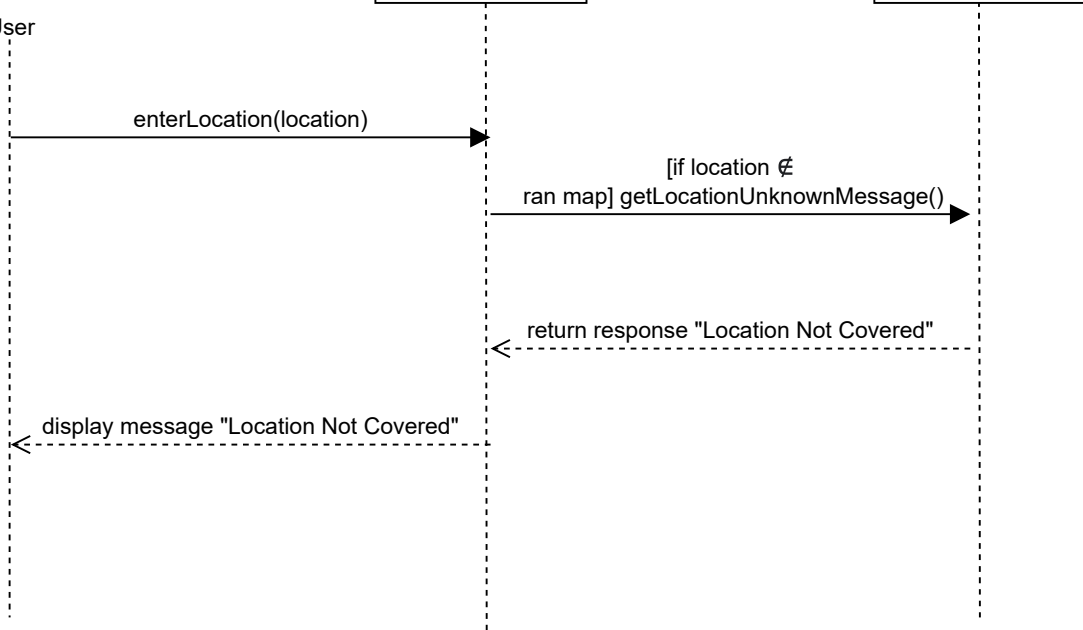
:Message

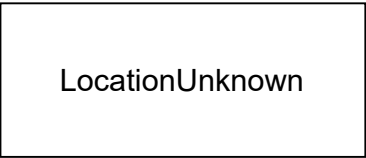
enterLocation(location)

[if location \notin
ran map] getLocationUnknownMessage()

return response "Location Not Covered"

display message "Location Not Covered"





User

:TempMonitor

:Message

enterLocation(location)

[if location \notin
ran map] getLocationUnknownMessage()

return response "Location Not Covered"

display message "Location Not Covered"

