

GPSAcquirer

HSAcquirer

DataSender

UserManager

DBMS

HealthAnalyzer

FirstAid

loop

[]

par

[StoreData]

2: retrieveLocation()

1: retrieveHS()

3: sendLocation()

4: sendHS()

5: sendData(data)

6: storeData(data)

7: storeReceivedData()

alt

[Success]

9: success

[Failure]

11: error

8: success

10: error

[AnalyzeData]

12: sendLocation

13: sendHS()

14: checkParameters()

15: buildReport()

16: sendReport()

17: ack

18: sendReport()

opt

[parameterValue < threshold]

alt

[reportArrived]

[reportLost]

loop

[reportLost]

{5s}

{1s}