Alert Generation System
UML Class Diagram

AlertGenerator

+ evaluateData(PatientData Data)
+ triggerAlert(Alert alert)

Alert

- patientId: String
- timestamp: Date
- condition: String

+ <create> Alert(int patientId, String condition)

AlertManager

- staffList: ArrayList<Staff>

+ manageAlert(Alert alert)
+ notifyStaff(ArrayList<Staff>),
staff, Alert alert)

Staff

- name: String
- staffId: int
- deviceId: int
- workstation: String

+ notify()