PatientData

- Patientld: String

+ getPatientRecord(String patientld)
+ updateHistory(newEntry)

Alert

- patientID: String
- condition: String
- threshold: String
- value: String
- timestamp: DateTime

+ sendAlert(): void

AlertGenerator

- patientProfiles: Profile[]
- dataStreams: DataStream[]

+ evaluateData(List<String> data): void
+ generateAlert(List<String> data): void

AlertManager

- alerts: Alert[]
- medicalStaff: Staff[]

+ manageAlert(Alert alert): void
+ notifyStaff(Alert alert): void