UML Class Diagram

ObservationModelInterface (interface)
- p unit — String
- p value — String

WebSocketConfig (class)
- m configureMessageBroker(MessageBrokerRegistry) void
- m registerStompEndpoints(StompEndpointRegistry) void

HapiObservationModel (class)
- f observation — Observation
- m HapiObservationModel(Observation)
- p unit — String
- p value — String

MonitorControllerObserver (interface)
- m update(PatientMonitorModel, String) void

ObservationLoaderInterface (interface)
- m getLatestObservation(String, String) ObservationModelInterface

PatientMonitorSubject (class)
- f observers ArrayList<MonitorControllerObserver>
- m PatientMonitorSubject()
- m attach(MonitorControllerObserver) void
- m detach(MonitorControllerObserver) void
- m notifyObservers(String) void

HapiObservationLoader (class)
- f client — IGenericClient
- m HapiObservationLoader()
- m getLatestObservation(String, String) ObservationModelInterface

PollingRunnable (class)
- m run() void

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PatientMonitorModel (class)
- f clientIds — ArrayList<String>
- f patientId — String
- f observationLoader ObservationLoaderInterface
- f measurementUnit — String
- f measurementValue — String
- f shouldTerminateThread — boolean
- m PatientMonitorModel(String, String)
- m poll() void
- m notifyObservers(String) void
- m registerNewClient(String) void
- m cleanUp() void
- m matches(String, String) boolean
- m removeClient(String) void
- m hasNoRegisteredClients() boolean
- m getMeasurementUnit() String
- m getMeasurementValue() String
- m getPatientId() String
- m getMeasurementCode() String
- p measurementType — String

RequestMonitorInfoModel (class)
- p clientId — String
- p measurementType — String
- p patientId — String

CholesterolPatientMonitorModel (class)
- m CholesterolPatientMonitorModel(String, String)
- m getMeasurementCode() String
- p measurementType — String

MonitorEventModel (class)
- m MonitorEventModel(PatientMonitorModel)
- p type — String
- p unit — String
- p patient — String
- p value — String

PatientMonitorCreator (class)
- m createMonitor(RequestMonitorInfoModel) PatientMonitorModel

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PatientMonitorCollectionModel (class)
- f patientMonitors — ArrayList<PatientMonitorModel>
- m PatientMonitorCollectionModel()
- m getPatientMonitor(String, String) PatientMonitorModel
- m addMonitor(RequestMonitorInfoModel) PatientMonitorModel
- m deleteMonitor(RequestMonitorInfoModel) void

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MonitorController (class)
- f patientMonitorCollectionModel PatientMonitorCollectionModel
- f template — SimpMessagingTemplate
- m MonitorController()
- m register(RequestMonitorInfoModel) void
- m deregister(RequestMonitorInfoModel) void
- m update(PatientMonitorModel, String) void

Application (class)
- m main(String[]) void

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