Diagrams in Model: Project
Generated on 4/23/2010
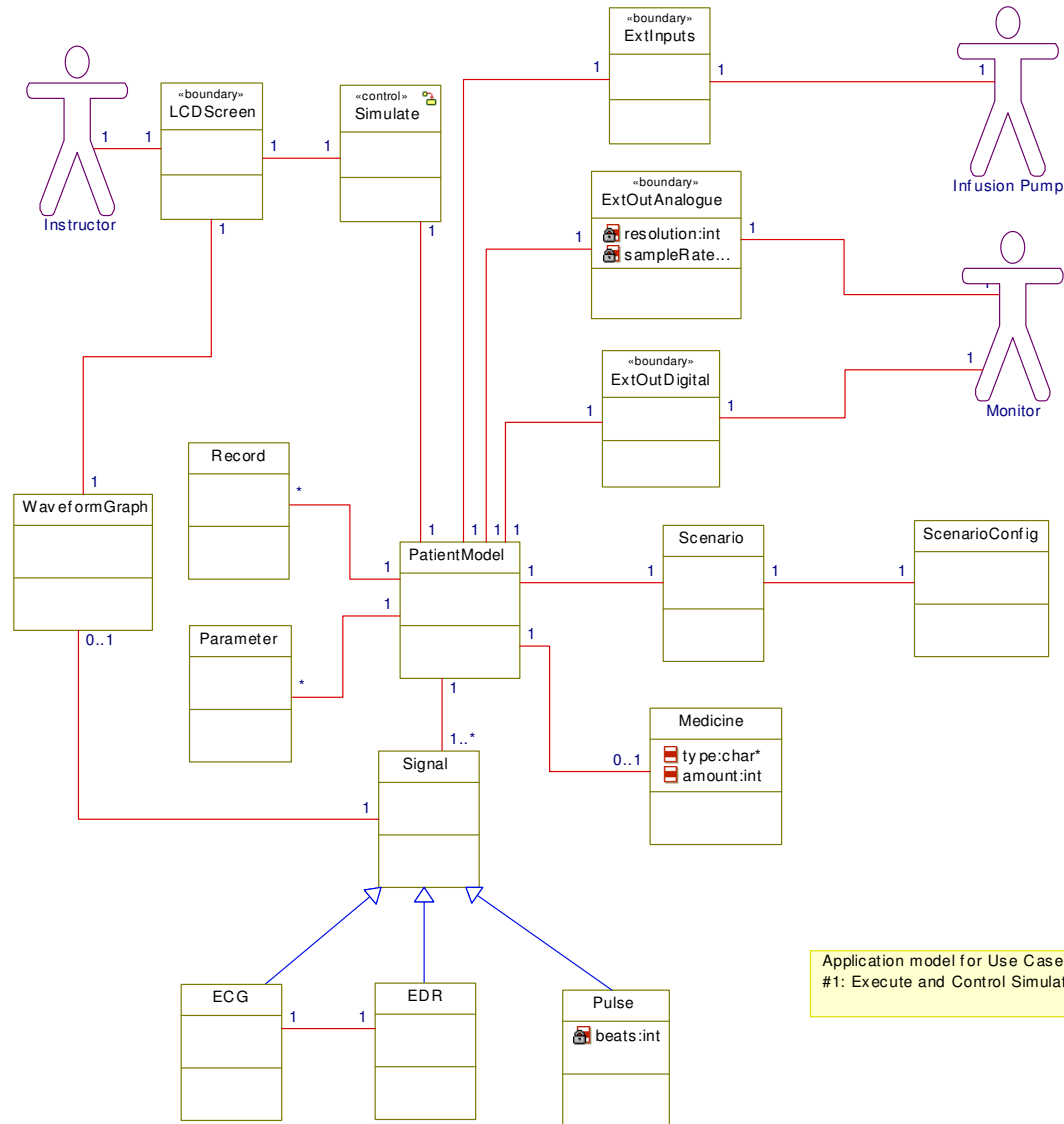
Table of Contents

1. ObjectModelDiagram name: DomainModel

Parameter

Medicine
- type:char*
- amount:int

0..1

Scenario   1   1   **ScenarioConfig**

1   1

*

1

Record   1   **PatientModel**   1   **ExtInputs**

1   1

LCDScreen   *   1

1   1

1   0..*

1

ExtOutAnalogue

0..2

1..*

WaveformGraph   0..1   1   **Signal**   1

1

1   **ExtOutDigital**

0..1

ECG   1   1   **EDR**   **Pulse**
- beats:int

Domain model for Use Case
#1: Execute and Control Simulation
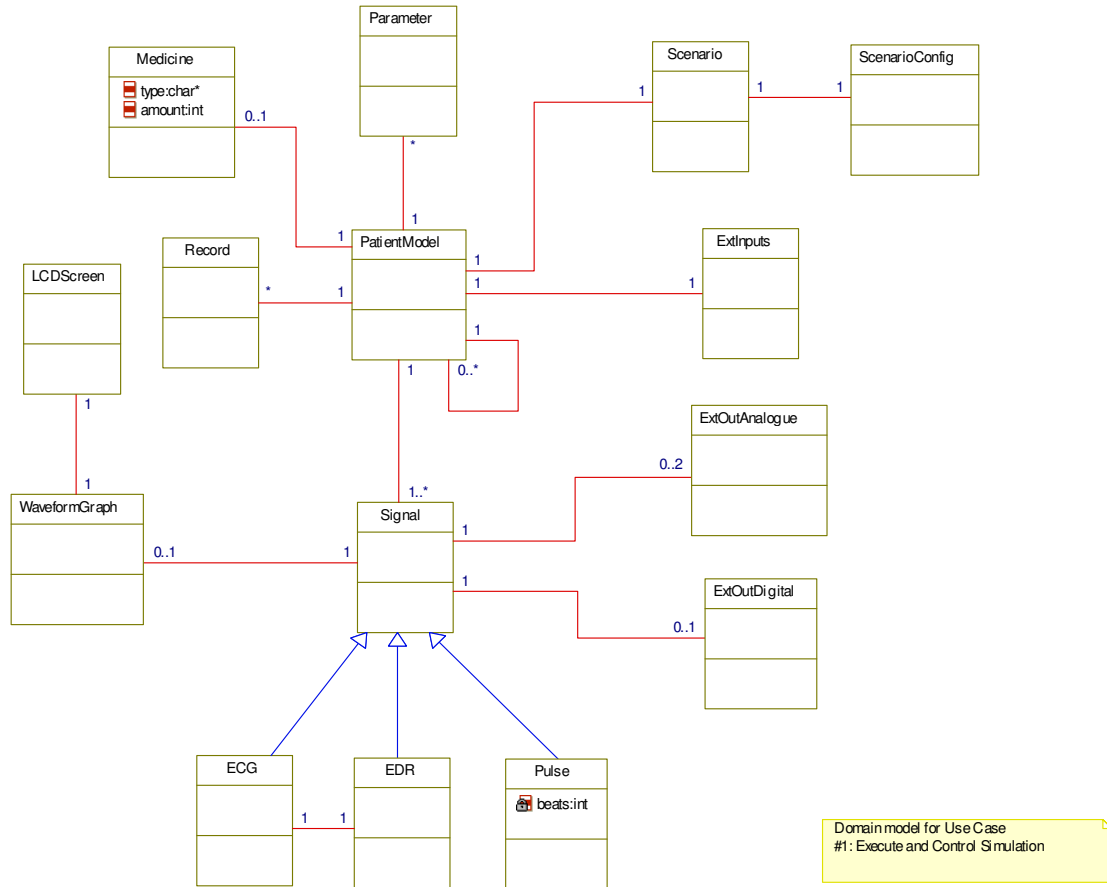
2. ObjectModelDiagram name: ApplicationModelSimulation

Application model for Use Case
#1: Execute and Control Simulation

3. ObjectModelDiagram name: Model1

4. UsecaseDiagram name: Context

Remote

Monitor

Scenarious database

Instructor

Sapien 190

Infusion Pump
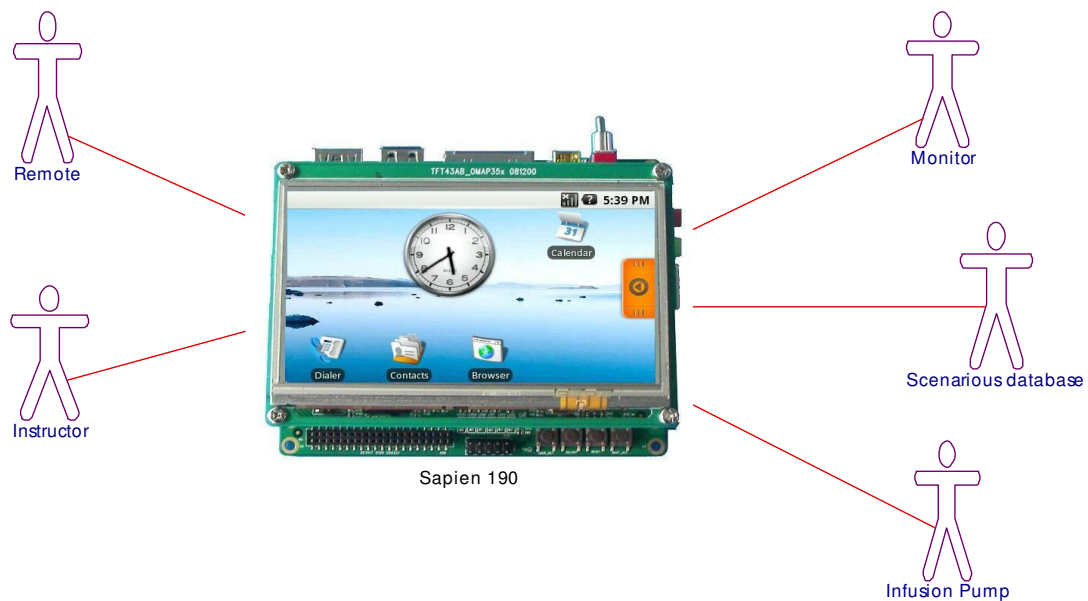
5. UsecaseDiagram name: PSIMU

PSIMU

Select and Initiate Scenario

Scenarious database

Manage Scenarios

Remote

Adjust Parameters Remotely

Adjust Scenario Parameters

«extend»

«extend»

Execute and Control Simulation

Monitor

Instructor

Monitor Medicine

«extend»

Infusion Pump
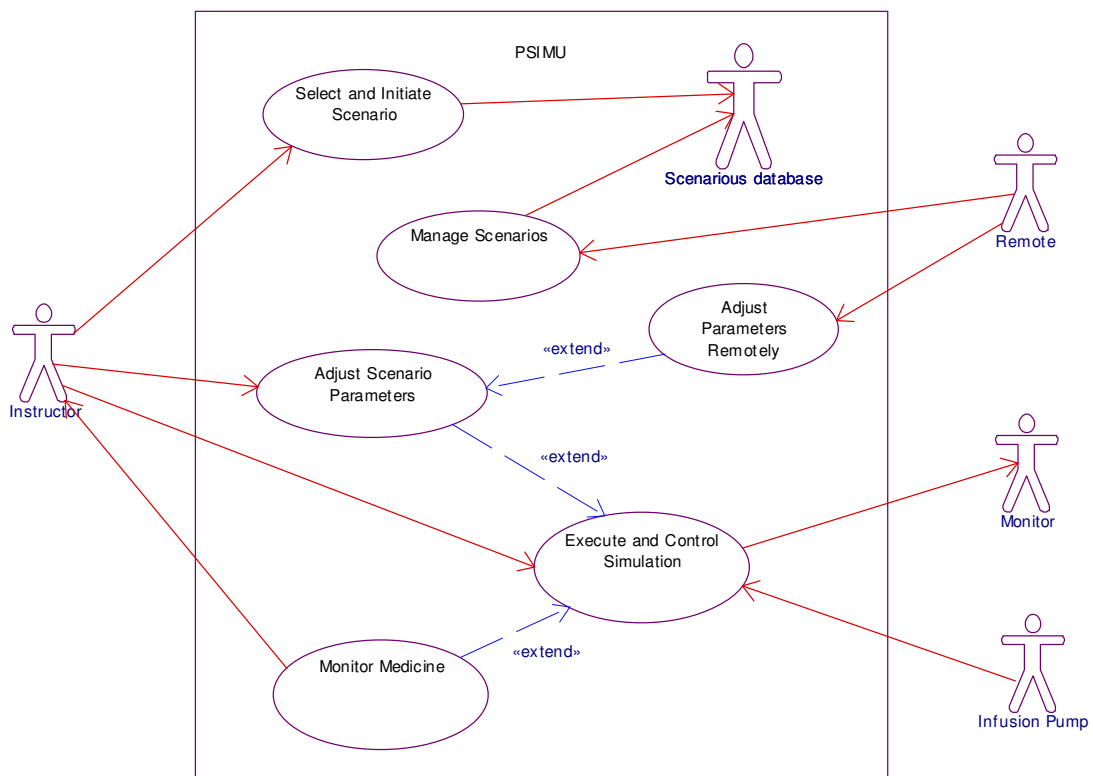
6. Statechart information for Class: Simulate

Idle

evStartSimulation/itsPatientModel->StartSimulation();

Simulate

tm(4)/itsPatientModel->GenerateSignals()