ECE 411

Homework 5

Group 4

# UML Physical View

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## USER

Box

Fridge

Nurse

## COMMUNICATION

## DATABASE

Compare values against server

Store values

Temp

ID/Patient/Vaccine

Date

## SERVER

Alarm text

UML Case Description

|  |  |
| --- | --- |
| Use-Case | Activate temperature sensor |
| Actors | Customer, database, server |
| Description | The use-case occurs when a new temperature sensor is installed. Once installed, the server prompts the customer to add information, and check whether they have a subscription. If they don’t, the server prompts for payment information. If they do, then the sensor gets activated. |
| Stimulus | Costumer purchases a new sensor, then installs it into the fridge. |
| Response | Verify information, trigger monitor. |

# UML Interaction View

🡨 5) Notify

Database

Sensor

Server

Comm

1. Wake up 3) Inquire 🡪
2. Check temp 🡪 4) Validity 🡪

# HTTP GET String

<http://www.vaccine.com/test/tempr_form.asp?name1=filamint_clinic&temp=98>