Home Automation
With SmartThings

What Is This Demo:
SmartThings simplifies the establishment of IoT functionality in any home new or old, allowing you to monitor, control and interact with every aspect of your home via scripted interaction, or from anywhere with your smartphone.

Chosen as one of Time’s Top 10 gadgets for 2014, and ReadWriteEditor’s Choice for best smart home hub.

How It Works:
SmartThings connects all your things to the Internet through the SmartThings Hub. The Hub communicates wirelessly with a staggering number of available devices via z-wave, Zigbee or WiFi.

Sensors:
- Humidity/Temp
- Contact/Angle/Temp
- Moisture/Temp
- Motion/Temp
- Video

Actuators:
- Smart Power Outlet
- Arduino Shield
- Smartbulbs
- Music/Audio
- Locksets
- Valves

If you can imagine it, you can do it!

Advantages and Other Applications:
- Energy savings
- Eldercare/family/pet monitoring
- Remote security/disaster monitoring

Try It:
Trigger the lamp with the motion sensor mounted under the table.
See alerts from the contact/tilt sensor on the smartphone.

Lessons Learned:
The system's sole ‘Persian Flaw’ : it requires a persistent Internet connection to function.