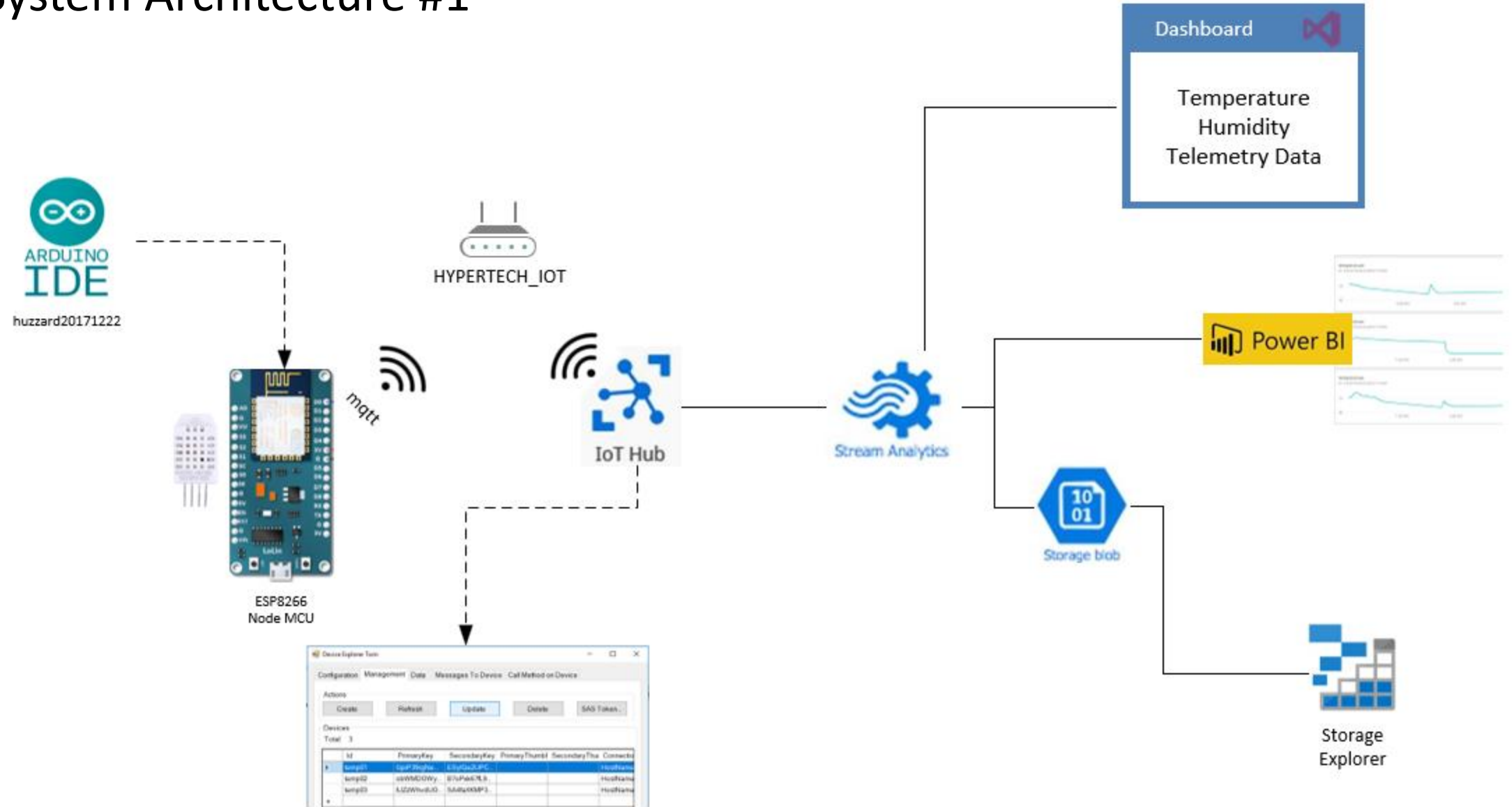
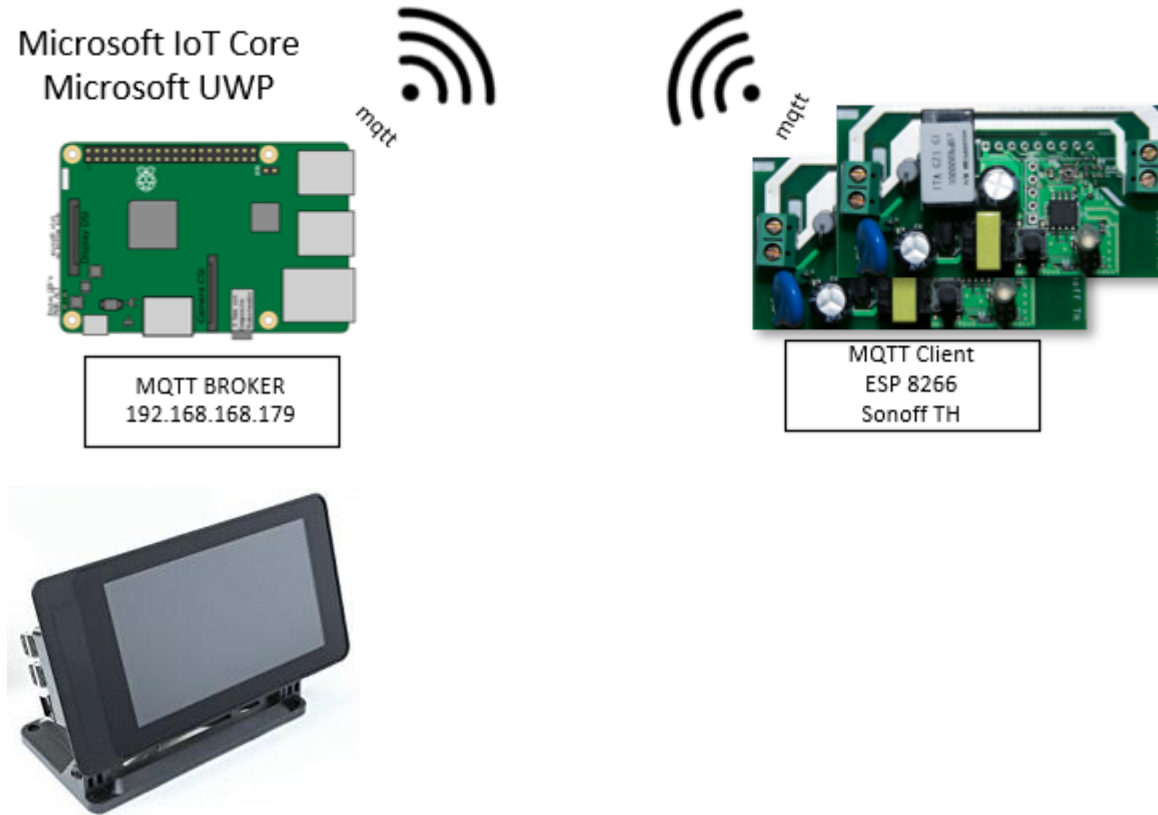


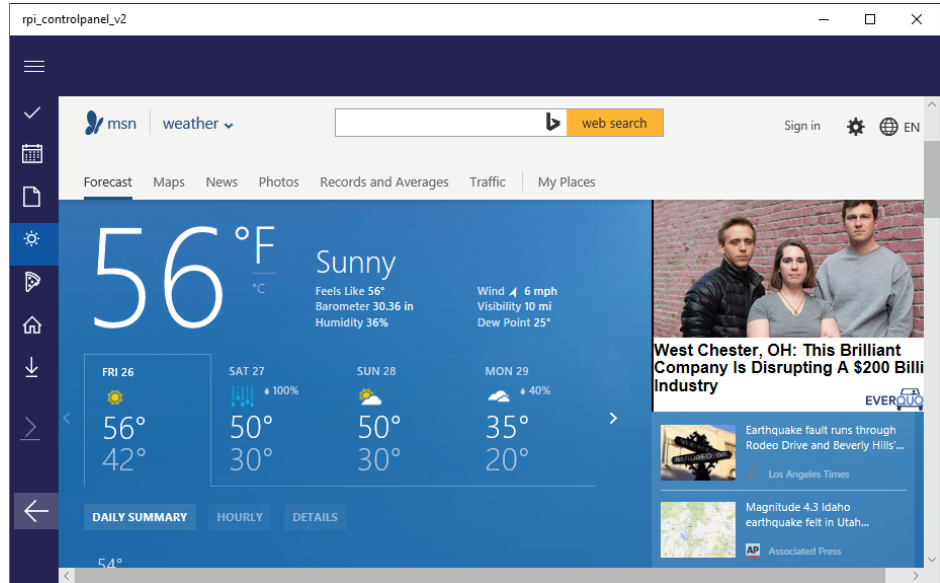
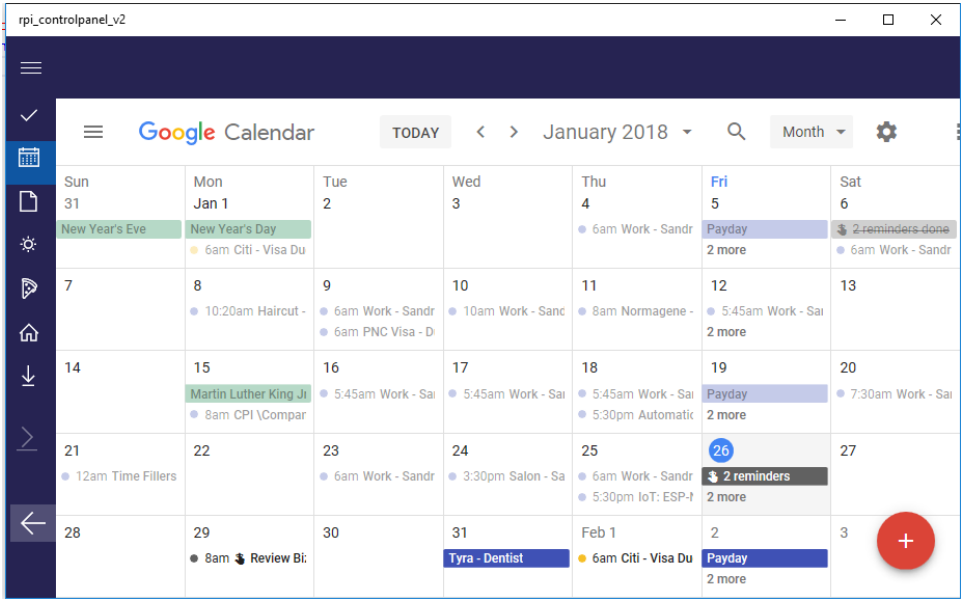
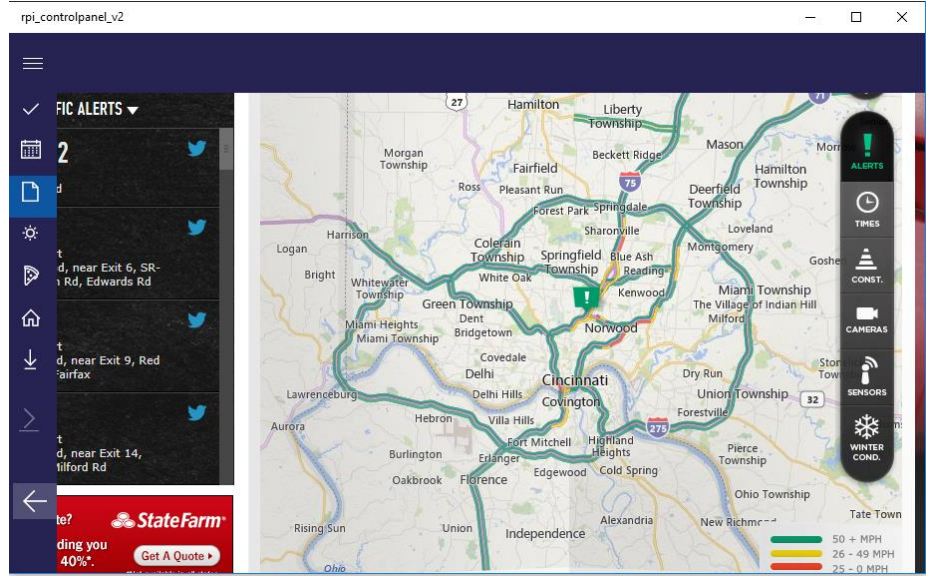
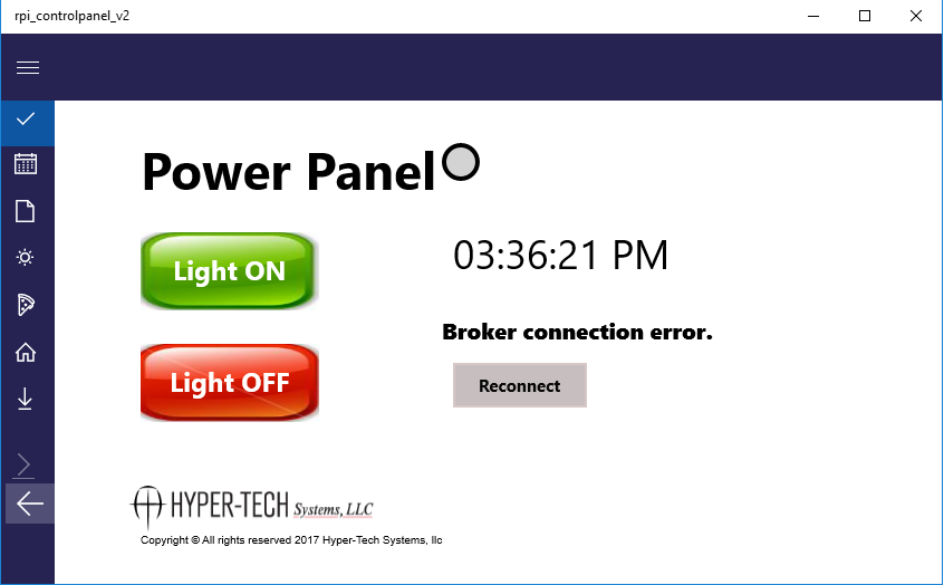
# Internet of Things Project Overview

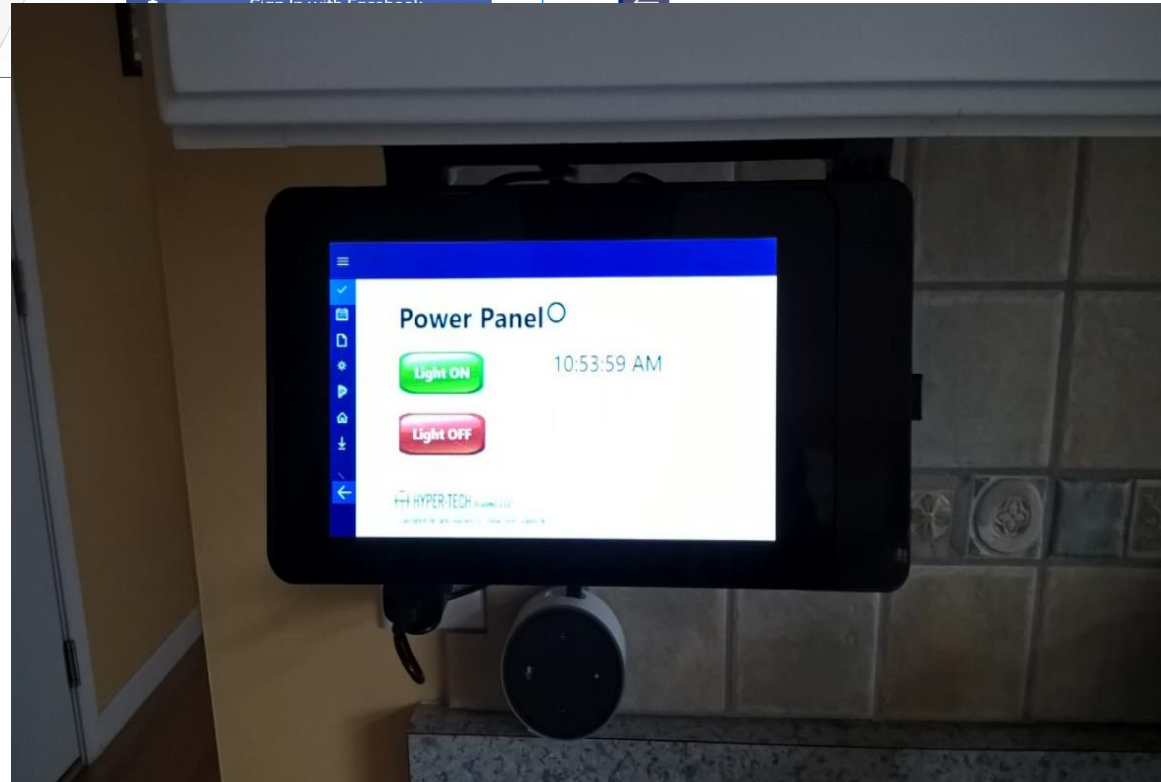
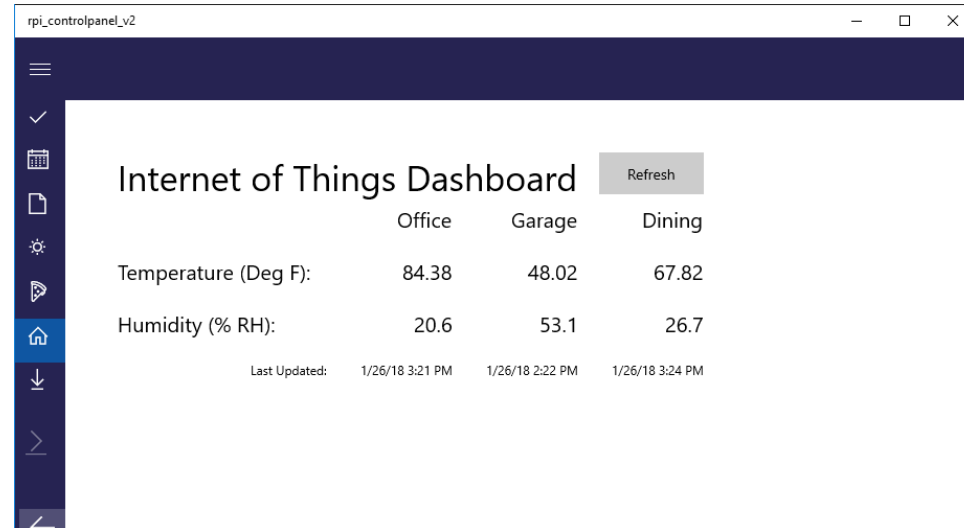
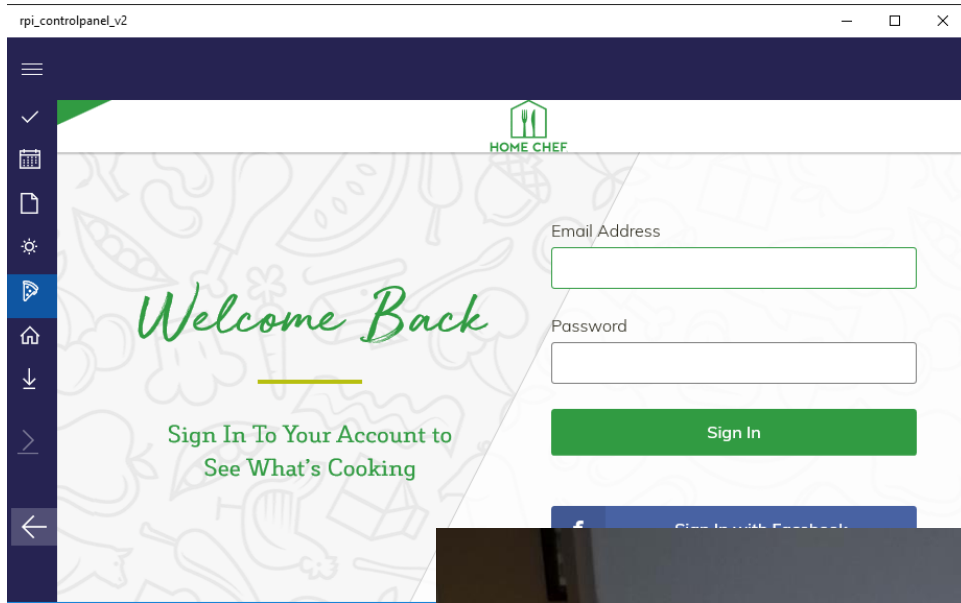
# System Architecture #1

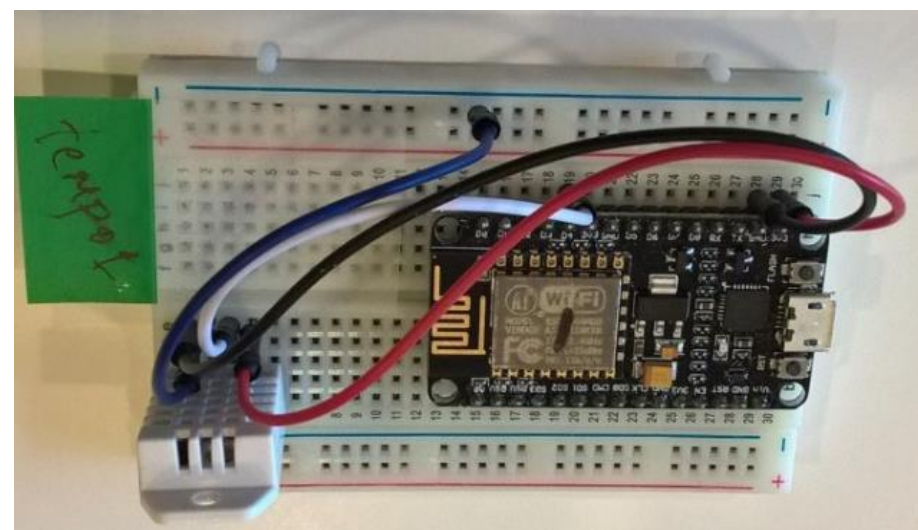


# System Architecture #2



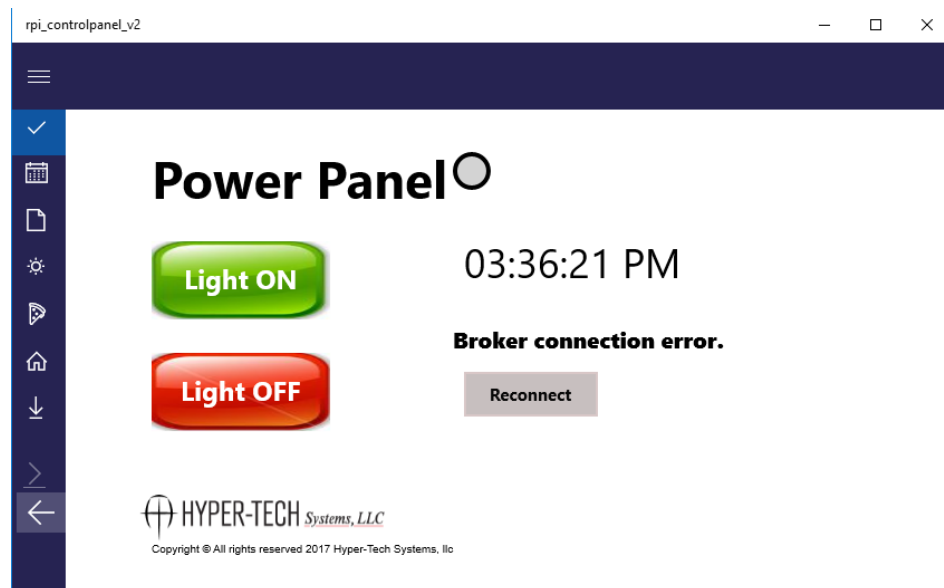
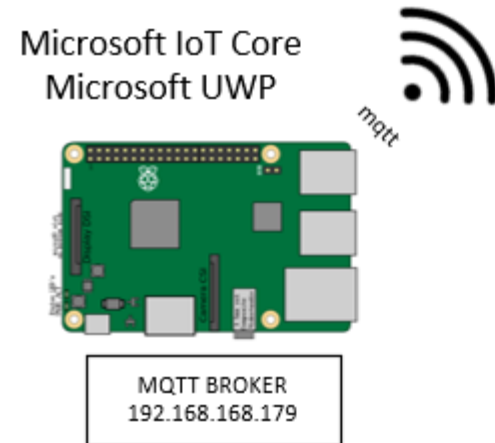




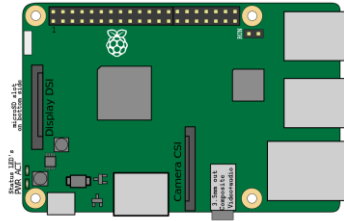


# Internet of Things Project Detail









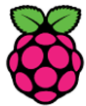
MQTT BROKER  
192.168.168.179



C#/UWP



Visual  
Studio



RaspberryPi  
version 3B



MQTT Client  
ESP 8266  
Sonoff TH





huzzard20171222



ESP8266  
Node MCU

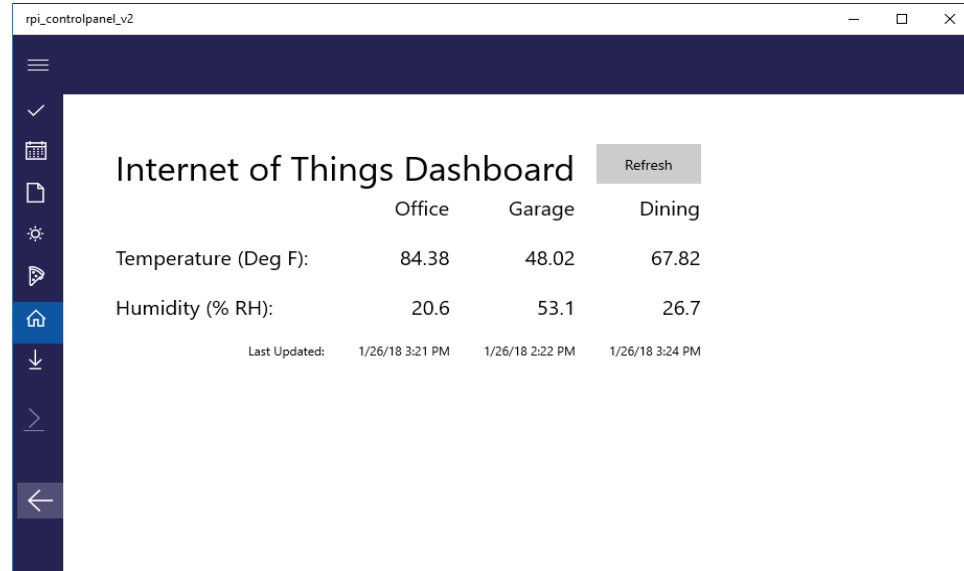
Device Explorer Tool

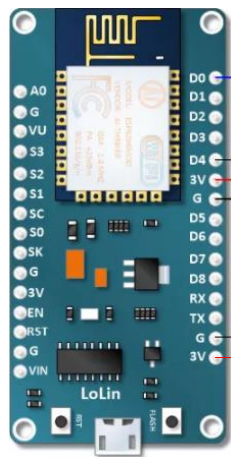
Configuration Management Data Messages To Device Call Method on Device

Actions: Create Refresh Update Delete SAS Token...

Devices: Total: 3

ID	PrimaryKey	SecondaryKey	PrimaryThumb	SecondaryThumb	Connected
temp01	temp01High	temp01Low			Connected
temp02	temp02High	temp02Low			Connected
temp03	temp03High	temp03Low			Connected

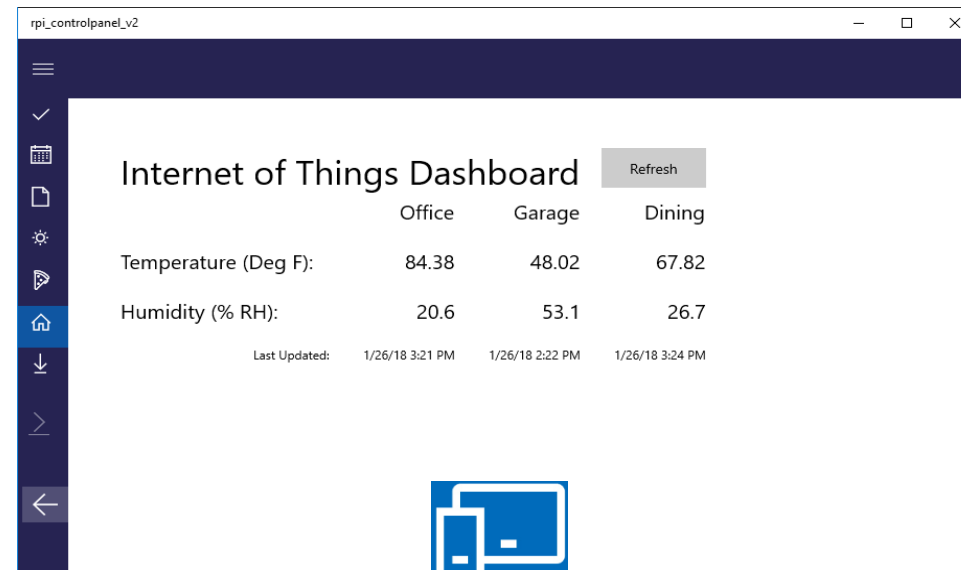
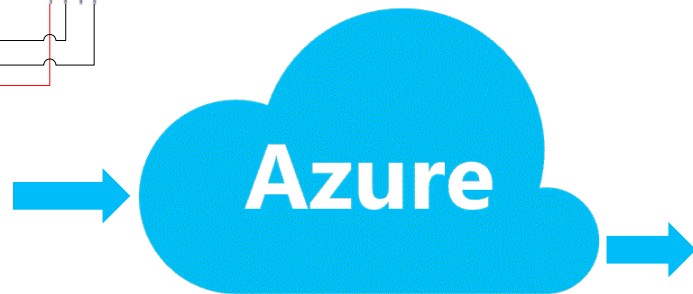




ESP8266 Node MCU



ESP8266



C#/UWP



Visual Studio

Windows IoT



RaspberryPi  
version 3B

Microsoft Azure

Search resources, services and docs

1

>

⚙

😊

?

mddavis@hyper-tech....  
MDDAVISHYPERTech (DEFAU...

☰

New

Dashboard

Resource groups

All resources

Recent

App Services

Virtual machines (class...

Virtual machines

SQL databases

Cloud services (classic)

Security Center

Subscriptions

Azure Active Directory

Monitor

Cost Management + B...

Help + support

More services >

Dashboard

+ New dashboard

✎ Edit dashboard

🔄 Share

🔗 Fullscreen

📄 Clone

🗑 Delete

All resources  
ALL SUBSCRIPTIONS

🔄 Refresh

htsiot2	IoT Hub
stream170116	Stream Analytics job
stream171228b	Stream Analytics job
clt-63aa9d2e-1d24-4182-b364----	Team Services account
Default1	App Service plan
ImageAnalysis	Cognitive Services
GarageGadgetV2	App Service
htsiotstorage	Storage account
portalvhds95fyh4w2jn6lb	Storage account (clas...

🏥 Service Health

🛒 Marketplace

garagegadgetv2  
WEB APP

Running

🌐

htsiotstorage

Available

📊

htsiot2  
AZURE IOT HUB

Active

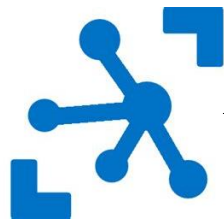
🔗

stream171228b  
STREAMING JOB

⚙

stream170116  
STREAMING JOB

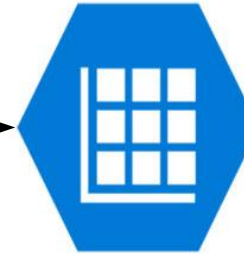
⚙



**IoT Hub**



**Stream  
Analytics**



**Table Storage**

