Saturday, May 26, 2018 8:06 AM

ID		heck Description	Protocol	Location	Power	Topic (mqtt)	Label	Components	Co
	LONG RANGE PRESENCE DETECTOR								
	LoRa to Wifi Protocol Presence Hub	Wise Whisper Hub Whisper Node ESP8266 e12 MCU	LoRa > Serial > Wifi	Garage	3VDC XFR	Sub: 4517/house/auto/status/161 Sub: 4517/house/auto/status/162	Auto Beacon Hub	Whisper Node LoRa ESP8266 MCU Enclosure 100 x 60 x 25 PCB	2
	LoRa Protocol Client Presence Sensor	Car Presence Indicator Whisper Node - LoRa	LoRa	Х3	3VDC Battery	Sub: 4517/house/auto/status/161	Auto Beacon ID: 161 Whisper LoRa Node	USB Wall Transformer Whisper Node LoRa Enclosure 100 x 60 x 25 PCB Batteries	2
	LoRa Protocol Client Presence Sensor	Car Presence Indicator Whisper Node - LoRa	LoRa	328i	3VDC Battery	Sub: 4517/house/auto/status/162	Auto Beacon ID: 162 Whisper LoRa Node	Whisper Node LoRa Enclosure 100 x 60 x 25 PCB Batteries	2
	MAILBOX DELIVERED INDICATOR								
	ESP-NOW to Wifi Protocol Hub Mailbox	ESP-NOW to WIFI Mailbox Hub	ESP-NOW > WIFI	Garage	3VDC XFR	MAC: {0x36, 0x33, 0x33, 0x33, 0x33, 0x33}	Mailbox Opened Hub ESP-NOW > Wifi Hub	ESP8266 E12 MCU (Qty 2) Enclosure 100 x 60 x 25 PCB USB Wall Transformer	1
	ESP-NOW Proto Battery Powered Opened/Closed Door Sensor	Mailbox Open Alert ESP8266 e12	ESP-NOW Client	Mailbox	3VDC Battery	Sub: 4517/house/mailbox/status/151	Mailbox Opened Sensor ID: 151 ESP-NOW Client	ESP8266 E12 Reed Switch Enclosure 100 x 60 x 25 PCB Battery - LiFePO4	
	MOTION DETECTOR SYSTEM								
	ESP-NOW to Wifi Protocol Hub Motion Detectors	ESP-NOW to WIFI Motion Detector Hub	ESP-NOW > WIFI		3VDC XFR	MAC: {0x36, 0x33, 0x33, 0x33, 0x33, 0x34}	Motion Hub ESP-NOW > Wifi Hub	ESP8266 E12 MCU (Qty 2) Enclosure 100 x 60 x 25 PCB USB Wall Transformer	1
614, 615	ESP-NOW Client Motion Detector	Motion Sensor - Battery Powered	ESP-NOW Client		3VDC LiFePo Battery	Sub: 4517/house/motion/status/614	Motion Detector ID: 614, 615	ESP8266 E12 Motion Sensor Enclosure 100 x 60 x 25 PCB LiFePo4 Battery	
	TEMPERATURE SENSOR SYSTEM							Lifer 04 battery	
	ESP-NOW to Wifi Protocol Hub Temperature	ESP-NOW to WIFI Mailbox Hub	ESP-NOW > WIFI		3VDC XFR	MAC: {0x36, 0x33, 0x33, 0x33, 0x35}	Temperature ESP-NOW > Wifi Hub	ESP8266 E12 MCU (Qty 2) Enclosure 100 x 60 x 25 PCB	
	ESP-NOW Client Battery Powered Temperature Sensor	Temperature Sensor - Battery Powered	ESP-NOW Client		3VDC Battery	Sub: 4517/house/temperature/status/131 or 132	Temperature Sensor ID: 131, 132 ESP-NOW Client	USB Wall Transformer ESP8266 E12 DS18820 Enclosure 100 x 60 x 25 PCB	1
								Battery - LiFePO4	
	PRESENCE DETECTOR SYSTEM								
	BLE Beacon Hub	RPI BLE Hub	BLE		3VDC XFR			Raspberry PI Model 3B Enclosure and USB Adapter	3
	VOICE MODULE	Personal Presence Beacon	BLE	Marcus Sandra Noah	3VDC Coin Cell	Pub: 4517/presence payload: id or all (Request current status) Sub: 4517/presence/status/id		Radius Network Dot Beacon	1
821,822		Little Buddy Talker Module	Wifi/MQTT		5VDC	Pub: 4517/house/lb_talker/821	Little Buddy Talker Module	ESP8266 E12 MCU	
021,022	6	Exterior to the control of the contr	,		XFR	payload: text-string, device origin Sub: 4517/house/lb_talker/status/821	ID: 821,822	Enclosure 100 x 60 x 25 PCB USB Wall Transformer Little Buddy Talker External Amplified Speaker	1 2 1
811	Thing	Text to Speech Module	Wifi/MQTT	Office	5VDC XFR	Pub: 4517/house/talker/811 payload: text-string, device origin Sub: 4517/house/talker/status/811	Text to Speech Module ID: 811	ESP8266 E12 MCU Enclosure 100 x 60 x 25 PCB USB Wall Transformer EMIC Text to Speech Module External Amplified Speaker	1 6 1
	SENSORS								
411	Wifi Protocol Reed Relay Sensor	Garage Door Closed ESP8266 e12 MCU	Wifi/MQTT	Garage		Pub: 4517/garage/door/down Payload: Door1 or Door2 Sub: 4517/garage/door1/down/status supply: Door1 Up / Door1 Down Sub: 4517/garage/door2/down/status supply: Door2 Up / Door2 Down	Garage Door Status Module ID: 411 Reed Contact Module	ESP8266 E12 MCU Enclosure 100 x 60 x 25 PCB USB Wall Transformer	1
171 172	Wireless MQTT Client	Light/Temp/Humidity Sensor ESP8266 e12 MCU	Wifi/MQTT	Garage	3VDC XFR	Pub: 4517/house/multisensorlth/(1 or 2) Payload: light/temperature/humidity Sub: 4517/house/multsensorlth/status/(1 or2)	Light/Temp/Humidity Sensor ID: 171 Multi-Sensor	ESP8266 E12 MCU Light Sensor Temperature and Humidity Sensor PCB USB Wall Transformer	1
511	Wireless MQTT Client	Daylight Sensor	Wifi/MQTT	Basement	3VDC XFR	Pub: 4517/house/lightdark/1 Payload: daynight Sub: 4517/house/lightdark/status/1	Daylight/Night Sensor ID: 511	ESP8266 E12 MCU Light Sensor Temperature and Humidity Sensor PCB USB Wall Transformer	1
611 612	Wireless MQTT Client	Motion Sensor	Wifi/MQTT	Garage	3VDC XFR	Sub: 4517/house/motion/status/611	Motion Detector ID: 611 Motion Detector	ESP8266 E12 MCU Motion Sensor Enclosure 100 x 60 x 25 PCB	
231, 232	Wireless MQTT Client	Moisture Sensor	Wifi/MQTT		3VDC LiFePo Battery	Sub: 4517/house/moisture/231 or 232	ID: 612 Moisture Sensor ID: 231, 232	USB Wall Transformer ESP8266 E12 Moisture Sensor Enclosure 100 x 60 x 25	1

								1	1 2
								PCB LiFePo4 Battery	3
	ACTUATORS - SONOFF							Life of battery	
210	Wireless MQTT Client	Garage Lights Sonoff Switch	Wifi	Garage	120VAC	4517/garage/lights/switch (on/off) 4517/garage/lights/switch/status (on/off)		Sonoff AC Switch	7
211	Wireless MQTT Client	Driveway Lights Sonoff Switch	Wifi	Garage	120VAC	4517/driveway/lights/switch (on/off) 4517/driveway/lights/switch/status (on/off)		Sonoff AC Switch	7
	ACTUATORS - RELAY CONTACT								
311	Wireless MQTT Client	Garage Door 1 and 2 Relay Contact	Wifi	Garage	5 XFR	Pub: 4517/garage/doors Payload: "1" or "2" Sub: 4517/garage/doors/status Supply: Door1 or Door2	Garage Door Control Module ID: 311 Dry Relay Module	ESP8266 E12 MCU Enclosure 100 x 60 x 25 PCB USB Wall Transformer Relay Module	3 2 3 10 2
321	Wireless MQTT Client	Fireplace Relay Contact	Wifi	Family Room	5 VDC XFR	4517/house/fireplace/id Payload: 0 or 1 4515/house/fireplace/status/id	Fireplace Control Module ID: 321 Dry Relay Module	ESP8266 E12 MCU Enclosure 100 x 60 x 25 PCB USB Wall Transformer Relay Module	3 2 3 10 2
	ANNUCIATORS								
101, 102	2 Wireless MQTT Client	System Clock	Wifi/MQTT	Office	5VDC XFR	Pub: 4517/house/sysdatetime payload: "datetime" Sub: 4517/house/sysdatetime/status	Little Buddy Talker Module ID: 101, 102	ESP8266 E12 MCU Enclosure 100 x 60 x 25 PCB USB Wall Transformer	3 2 3 10
711	Wireless MQTT Client	Buzzer	Wifi/MQTT		5VDC XFR	Pub: 4517/house/buzzer/Devic_id payload: "Originating Device" Sub: 4517/house/buzzer/status/device_id	System Buzzer ID: 711	ESP8266 E12 MCU Enclosure 100 x 60 x 25 PCB USB Wall Transformer Buzzer	3 2 3 10
	HUBS AND EDGE PROCESSORS								
	Edge	Edge Processor Unit Raspberry PI	Wifi	Office	5VDC XFR			Raspberry Pi 3B USB Wall Transformer	35 10
	Broker	MQTT Broker () Raspberry PI	Wifi/MQTT	Office	5VDC XFR			Raspberry Pi 3B USB Wall Transformer	35 10
	UI	Status Panel Raspberry PI & Display						Raspberry PI 3B Enclosure	35