

1) /feed/
common for all ✓
header : { token : <string - US256> , Content-type: text/html }
method : post
body : { ~~type: <string - "sensor" or "trigger">~~
id : <Sensor's ObjectID> ,
value : <Int32 sensor's reading>
}
purpose : This route is to update the value on a sensor

2) /control/
method : POST
body : { id : <ObjectID of device to be controlled> ,
value : <Int32 value to set device mode>
}
purpose : This controls a device such as a fan which may have many modes of operation, discrete states. e.g. 1, 2, 3, 4 etc.

3) /toggle/
method : POST
body : { id : <ObjectID of device to toggle> }
purpose : turn a device on or off

4) /alert/
method : POST
body : { msg : <string message> ,
type : <Int alert or warning - string> }
purpose : pushes a notification for home user to observe.

5) /room/renome

method : POST

body : {
 id: <Object Id of a room>
 name: <String new name of a room>
}

purpose: Renames a room to a new name,
set by the home's user

6) /room /devices

method : GET

body : { id: <Object Id of a room> }

purpose: Retrieve information of all devices in a room

7) /room/sensors

method : GET

body : { id: <Object ID of a room> }

purpose: Retrieve sensor information on all sensors in a room

8) ~~/home/~~ /networks/

method: GET

body : { id: <Object ID of a network> }

purpose: gets information on all devices & sensors in a network (home/apartment)

/message/

method : POST

body : { id : <ObjectID of an instance (PI)>

purpose : Directly pushes a message to a PI

10) /device/tename

method : POST

body : { id : <Object ID of a device>
name : <string - new name for a device>

purpose : User can rename a device.

11) /control/ac/temperature

method : POST

body : { id : <Object ID for a device that
is an AC>

~~command : <string>~~

value : <int32 for AC temperature>

purpose : sets temperature of an AC

12) /control/ac/toggle

method : POST

body : { id : <ObjectID of a device that
is an AC> }

purpose : Toggles an AC on or off

13) /control /ac /swing

method: POST

body: { aid: <OBJECTID for a device that
is an AC>

mode: <SWING mode for AC - ~~the~~ Inv32 >

14) /~~generation~~ /backup /toggle

method: POST

body: { id: <OBJECTID of a backup power
device, probably a generator>

purpose: Turns on the backup power