



Rpi collects temperature and (accelerator) movement data and sends it to Wia and Thingspeak



Wia displays temperature and accelerator movement data in widgets

subscribed to Wia MQTT events to logging in from another location all events are recorded

ThingSpeak

My Channels

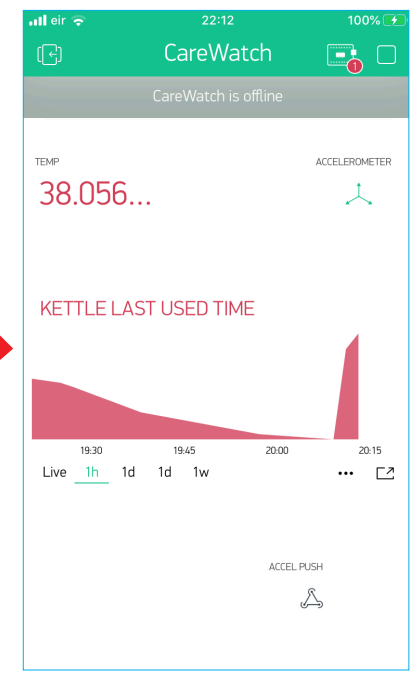
| Name | Created | Updated |
|---------------|------------|------------------|
| Temperature | 2019-11-25 | 2019-12-20 22:34 |
| Accelerometer | 2019-12-19 | 2019-12-21 23:53 |



Wia widgets are embedded in a live (prototype) website <http://carewatch.surge.sh>



Rpi collects temperature and (accelerator) movement data and sends it to Blynk App



Blynk displays current temperature and Kettle Last Used Time in a 'super chart' that gives a live feed of current temperature and movement. It can also display this data for up to a year in various increments.

ThingSpeak

Apps / React

| Name | Created | Last Ran |
|-------------------|------------|---------------------|
| Temperature React | 2019-11-25 | 2019-12-22 11:04 pm |

Tweet react so if temperature rises above 38 i.e. kettle on, tweet sent out.

IFTT applet established so upon activated tweet, an email is sent

IFTTT My Applets

If New tweet by specific user @Claire28104113, then Send me an email at mcmcveigh@yahoo.com

PROJECT DESCRIPTION

CareWatch Ireland

'We monitor your loved one 24/7 so you don't have to worry. We care because you do.'

Assisted living project prototype suitable for an elderly person. To check they are well and maintaining their daily routine, i.e. moving about and making cups of tea. The senseHat sensor records changes of temperature and accelerator data to imitate this action

