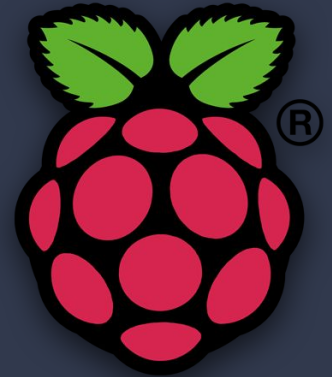


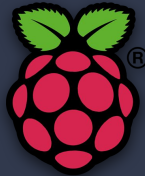
Home SecuriPi

Karl Redmond | Paul Barry | 26th Feb 2018



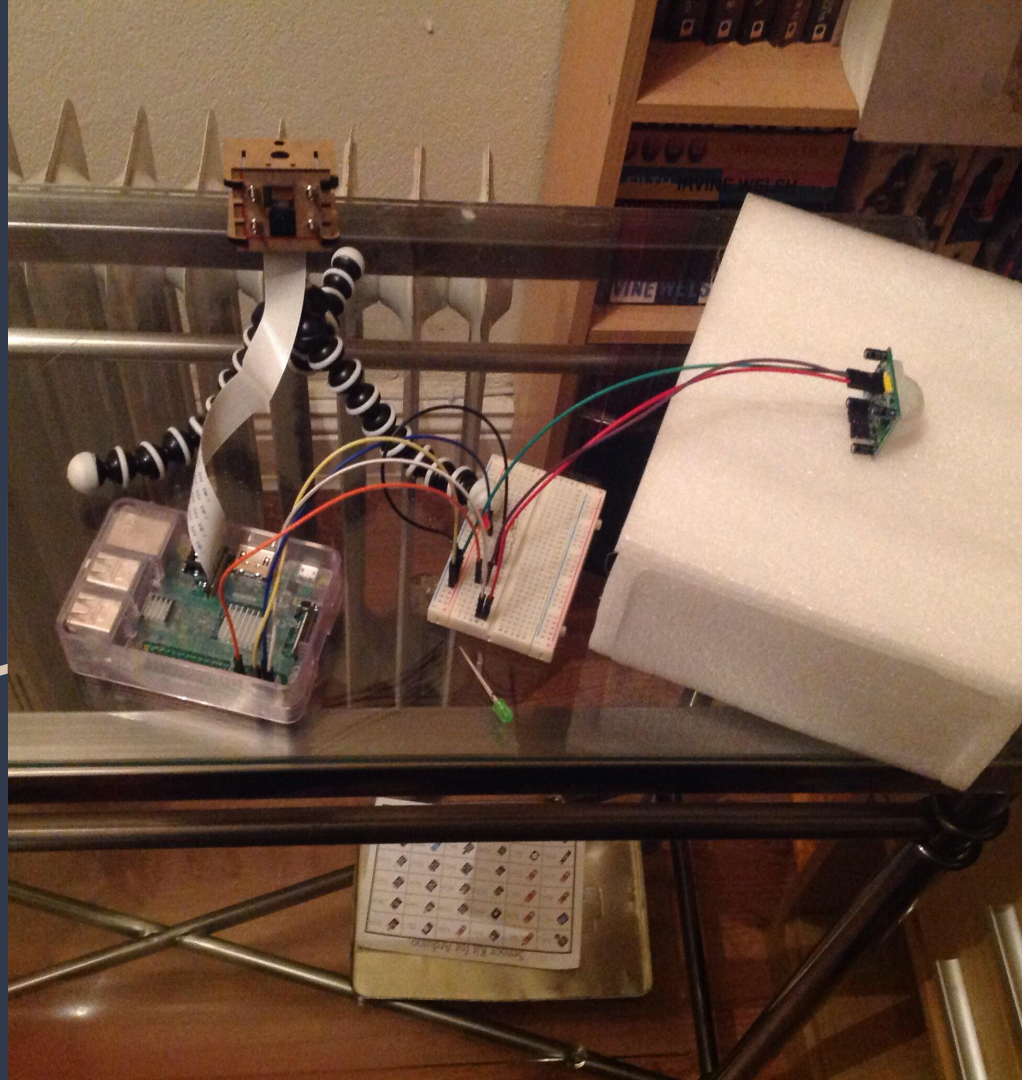
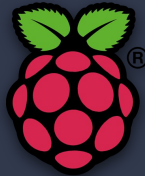
Introduction

- Home/Family Protection
- Step outside Comfort Zone
- IoT is the Future



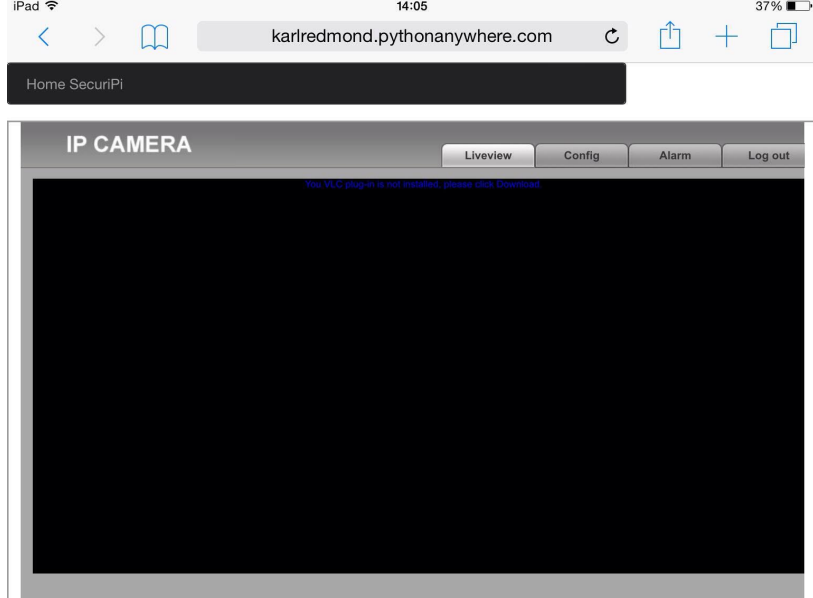
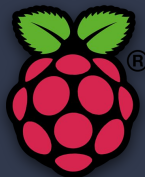
Iteration 1: Exploration

- Remote Login
- Motion Sensor
- Take Picture
- Save Details in Database



PythonAnywhere App

- Receive Post Request
- Confirm Size
- Store in MySQL
- Display Images



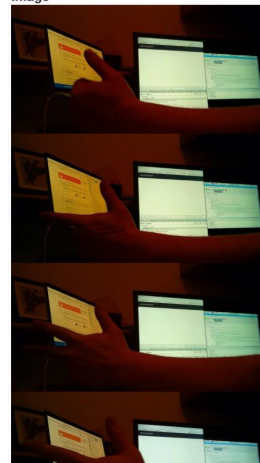
PiName	Date	Time	Image
--------	------	------	-------

Study Room	2018-01-04	17:01:46	
------------	------------	----------	--

Study Room	2018-01-04	17:01:59	
------------	------------	----------	--

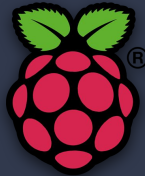
Study Room	2018-01-04	17:02:11	
------------	------------	----------	--

Study Room	2018-01-04	17:02:23	
------------	------------	----------	--



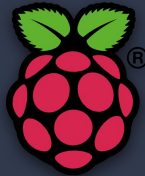
Challenges

- Local Database MongoDB
- IP Camera using Active X



Iteration 2 Objectives

- Send SMS
- Voice Communication

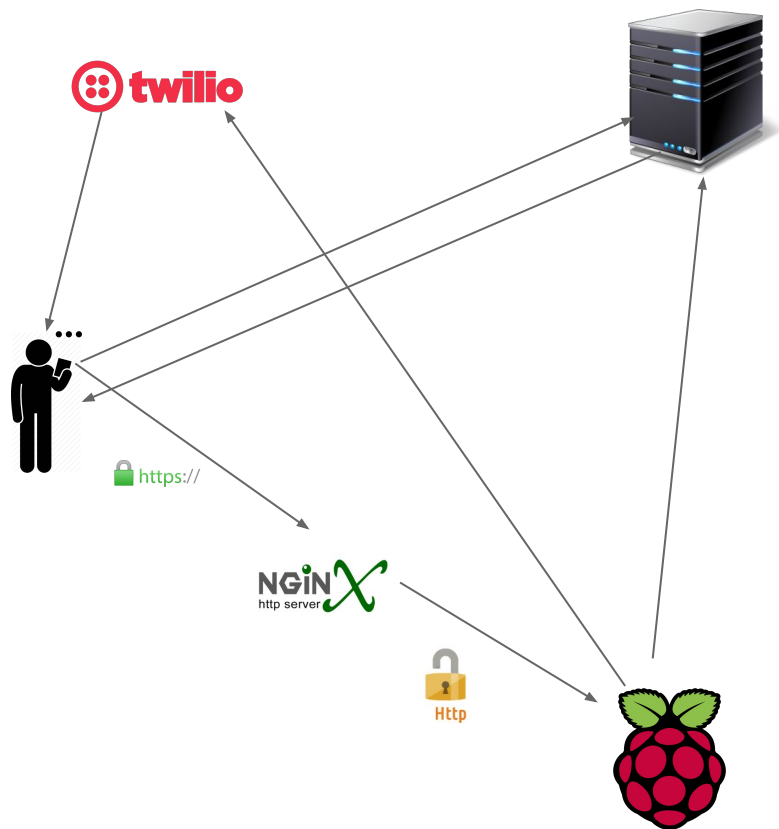
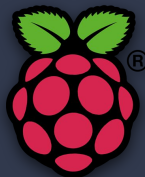


I've seen the
FUTURE
It's in my
BROWSER

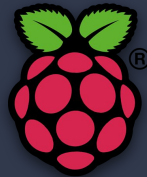


Anticipated Challenges

- Reverse Proxy



Thank You



References

- Slide 2
image:<http://www.information-age.com/smart-home-technology-tipping-point-uk-123464175/>
- Slide 5:
<https://www.dreamvps.com/tutorials/mongoddb-vs-mysql/>
- Slide 6: <https://www.w3.org/html/logo/>

