Prototyping an Internet­ of­ Things enabled “smart” home

Introduction

Smart home technologies allow home owners that use them to control environmental factors around their homes most notably their heating and their lighting however other aspects such as security systems can also be connected. The task that I have been set is to design and prototype one such device and demonstrate its functionality.

Methods and Workings

For this project I will be using the Arduino Uno () with connected Ethernet shield () and the Adafruit.io platform () the pairing of this hardware and web interface allows me to create very presentable internet of things prototypes.