Spike 05 Plan

Name: Blink LED through web server connected to the ESP8266

Context:
Need to create a web server for the ESP8266 chip using html

Knowledge Gap:
Skill Gap: How to assign an IP address to the chip and broadcast the SSID

Goals/Deliverables:
1. Assigning an IP address to the ESP8266 and broadcast it's SSID
2. Being able to connect to the ESP8266 from external device
   example: phone
3. Control the GPIO pins to be set high or low

Planned start date: 12/03/2015
Deadline: 18/03/2015

Planning notes:
Outline a proposed plan of how this spike can be undertaken.
1. Read the tutorial at;
   https://github.com/geekscape/nodemcu_esp8266
2. Use the sample code given to create the web server
3. Connect with external device over wifi
4. Switch the gpio pin state with external device (toggle the led)