3/11/2014

2:00p – 3:00p: Darrius and I researched ways to get to access point’s MAC address. Everyone that replied to threads on this topic referenced using either the Managed Wifi API or NativeWifi.

3/13/2014

7:30p – 8:30p: To continue on the work from the 11th, Darrius and I downloaded the Managed Wifi API, and added the project to the current project. This API was able to get to the missing identifiers (SSID, BSSID, and Signal Strength) that we needed. This was done in C#, when it should have been done in Android.

3/19/2014

8:00p – 9:00p: Looked over code from previous group on how they were able to get things working.

3/26/2014

8:00p – 9:00p: Deron and I updated Wiki page and made a toggle button that would be used to turn the wifi on and off inside the app. The Text on the toggle button would change from Wifi Off to Wifi On, depending on the current Wifi state. This button, while the text portion works, I was unable to get it to switch wifi states. For the current time, it is on hold, and if time permits, we will continue working on it.

3/31/2014

7:00p – 10:00p: Deron, Ryan, and I started working on the graphical user interface. Anta and I were able to find code that facilitated the listening between the server and client.

First Jobs

Februray 6, 2014  
    Research database  
        -everyone  
    Create database and add admin account  
        -Darrius  
    If new location, add  
        -Anta  
    Get sig strength, mac address, and ssid  
        -Justin

Dr. Ribler’s requests for first iteration

Database

* + Mac address
  + Ssid
  + Signal strength
  + Date/time
  + User id
  + Location (with possible multiple descriptions/labels)
    - Be able to deal with those possible multiple descriptions per room
    - Be able to deal with wrong inputted data
  + Server

Android ADT package

JAVA 6

JAVA JRE