Sprint 2 Plan

Product name: TrafficDump

Sprint completion date: 11/4/18

Revision Number: 1

Revision Date: 10/22/18

Goal:

Use trace-back functions with IP addresses of network Access Points to mark a geographic location of that network device.

Task Listing:

* User Story 1: As a network analyst, I would like to observe and sample network traffic in an area so I know when the routers/Access Points are busiest. (11)
  + Task 1: Continuously poll data from network devices of interest and store its data
    - Time estimate: 8 hours
  + Task 2: Plot the data as a graph to provide relevant performance metrics
    - Time estimate: 10 hours
  + Task 3: Use front end tools to display visuals on the web
    - Time estimate: 7 hours
  + Total for user story 1: 25 hours
* User Story 2: As a student, I would like to know where within the library has the least busy Wi-Fi connection so I can complete my assignments without network interruptions. (11)
  + Task 1: Use the generated graphs of each device in a specific area and present it as a list
    - Time estimate: 8 hours
  + Task 2: Create a function that returns a list of network devices with the most reliable network connection (based on least busy).
    - Time estimate: 8 hours
  + Total for user story 2: 16 hours

Team Roles:

Sepehr Raissian: Product Owner

Alexis Flores: Scrum Master

Cameron Pon: Team member

Sinclair Liang: Team member

Gene Choi: Team member

Initial task assignment:

Sepehr Raissian: User story 2, Task 1

Alexis Flores: User story 1, Task 1

Cameron Pon: User story 2, Task 2

Sinclair Liang: User story 1, Task 3

Gene Choi: User story 1, Task 2

Initial burnup chart:

Initial Scrum Board:

Online Scrum Tool: www.apascrum.com

Scrum times:

* Monday, Wednesday, Friday after class
* Thursday 2:30 PM – 3:30 PM