Sprint 3 Plan

Product name: TrafficDump

Sprint completion date: 11/18/18

Revision Number: 2

Revision Date: 11/7/18

Goal:

Use SNMP data from campus access points to visualize network traffic so a user can identify when is the best time to use campus Wi-Fi.

Task Listing:

* User Story 1: As a Network Analyst, I want to see network traffic from access points on campus so I can quickly analyze the data through a website. (9)
  + Task 1: Collect SNMP Data
    - Time estimate: 5 hours
  + Task 2: Connect SNMP Data to Database
    - Time estimate: 2 hours
  + Task 3: Connect Database to Tableau
    - Time estimate: 2 hours
  + Total for user story 1: 9 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: Map SNMP data to real access point location on campus and visualize traffic
    - Time estimate: 6 hours
  + Task 2: Create summary visualizations for individual access points and/or building floors
    - Time estimate: 5 hours
  + Total for user story 2: 11 hours
* User Story 3: As a user, I want a simple, easy to use website so I can easily find what info I want (visualizations showing network traffic data). (10)
  + Task 1: Reorganize home page for easy navigation
    - Time estimate: 5 hours
  + Task 2: Single Page Application
    - Time estimate: 5 hours
  + Total for user story 3: 10 hours

Team Roles:

Sepehr Raissian: Product Owner

Alexis Flores: Team member

Cameron Pon: Scrum master

Sinclair Liang: Team member

Gene Choi: Team member

Initial task assignment:

Sepehr Raissian: User story 2, Task 2

Alexis Flores: User story 1, Task 1

Cameron Pon: User story 2, Task 1, Task 2

Sinclair Liang: User story 1, Task 3

Gene Choi: User story 1, Task 2, Task3

Initial burnup chart:

Initial Scrum Board:

Online Scrum Tool: <https://trello.com/b/axMklsyW/trafficdump-3>

Scrum times:

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