Sprint 4 Plan

Product name: TrafficDump

Team name: TrafficDump

Sprint completion date: 12/3/18

Revision Number: 1

Revision Date: 11/19/18

Goal:

Create relevant data that can be useful to the user and consistently. Also, making sure that the software is able to handle exceptional cases.

Task Listing:

* Story 1: As a student, I want to be able to have data that is most accurate and consistent so that I can have useful data that I can to make decisions with. (11 points)
  + Task 1: Connect SNMP data to database
    - Time estimate: 2 hours
  + Task 2: Set database to be updated every certain length of time.
    - Time estimate: 2 hours
  + Task 3: Create more results that are relevant like average packets.
    - Time estimate: 4 hours
  + Total for user story 1 = 8 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 points)
  + Task 1: Add traffic prediction.
    - Time estimate: 6 hours
  + Task 2: Display traffic for all 24 hours.
    - Time estimate: 2 hours
  + Task 3: Create summary visualizations for AP or building floors
    - Time estimate: 4 hours
  + Total for user story 2 = 12 hours
* User Story 3: As a user, I want to have a product that works consistently so that I don't have to look for another product. (11 Points)
  + Task 1: Error and exception case handling for the software.
    - Time estimate: 8 hours
  + Task 2: Single Page Application
    - Time estimate: 4 hours
  + Total for user story 3 = 12 hours

Team Roles:

Sepehr Raissian: Product Owner

Gene Choi: Scrum Master

Alexis Flores: Team Member

Cameron Pon: Team member

Sinclair Liang: Team member

Initial task assignment:

Sepehr Raissian: User story 3, Task 1 and 2 and User story 2, Task 1

Gene Choi: User story 1, Task 1 and 2, User story 2, Task 2

Alexis Flores: User story 1, Task 2 and 3, User story 2, Task 1

Cameron Pon: User story 1, Task 2 and 3 and User story 2, Task 3

Sinclair Liang: User story 3, Task 1 and 2 and User story 2, Task 1

Initial burnup chart:

Initial Scrum Board:

Online Scrum Tool: [www.trello.com](http://www.trello.com)

Direct link: <https://trello.com/b/zCoFkgTi/trafficdump-sprint-4-11-19-18-12-2-18>

Sample screen shot shown on next page.

Scrum times:

* Monday and Wednesday after class
* Thursday 4:30 PM – 5:30 PM (Includes T.A.)
* Sunday 2:30 PM – 3:30 PM

Sample trello scrum board screen shot:

