**CS673F16 Software Engineering**

**Team #5 Meeting Minutes**

**Week #3 (09/20 - 09/26)**

**Date and Time:** 09/27/2017 6:30 PM - 9:00 PM

**Place**: EMA 302

**Participants:** All Members

**Minutes Taker:** Rohit Agrawal

**Timekeeper:** Tianqi Xu

**Purpose:** Finishing the Powerpoint for the presentation tomorrow, specify the final purposes for each iteration and get more detailed work assigned.

**Agenda:**

* Prepare for iteration 1
* Assign work for iteration 1 and presentation
* Making sure our environments are all set
* Determine the file format and language we are going to use for our project
* Google code and tutorial for the data visualization software we referred;
* Brainstorm requirements
* Set a fixed meeting time for future
* Determine an approach/process to use
* Finish SPPP
* Finish individual peer review
* Finish weekly report and Meeting Minutes

**Discussion:**

* Prepare for iteration 1
  + What do we need to do for iteration 1: parse XML or CSV file into json file
* Assign work for iteration 1 and presentation
  + Anirvan, Rohit and Tianqi will hold the presentation for 9/27
  + For iteration 1 all of us will familiarize ourselves with eclipse, json and certain java library.
* Making sure our environments are all set
  + Follow and execute the instruction of Eclipse, Git, Dex-github and SonarCube
* Determine the file format and language we are going to use for our project
  + We will be using CSV and XML file as our input file and parse them into json file for the visualization part to use.
* Google code and tutorial for the data visualization software we referred;
  + <https://www.elastic.co/webinars/getting-started-kibana?baymax=default&elektra=docs&storm=top-video>
  + We want to achieve the goal of processing multi-dimensional data without much efforts, which kibana cannot do.
* Brainstorm requirements
  + Functionality
  + Presentation requirement
  + Need to be able to process multi-dimensional data
  + Need to apply agile methodologies
  + Target weight
  + Sounds
  + Customize printed charts
  + Print charts/data
  + Export and save functions
* Set a fixed meeting time for future
  + Must be on weekend
* Determine an approach/process to use
  + Possibly some agile concepts/aspects - prototype and test driven
  + JUnit testing - test driven development
* Finish SPPP
  + See SPPP
* Finish individual peer review
  + See individual review
* Finish weekly report and Meeting Minutes
  + See this

**Key Decisions**

* Iteration 1 aims mainly at parsing the data
* Iteration 2 aims mainly at visualizing the data
* Iteration 3 aims mainly at perfecting the UI design

**Action Items:**

* Submit time: 9/27