**Meeting Minutes 2 – Group # 3**

**Project: *SNA4SlackASU***

SER 517: Software Factory I

13th October 2017

**Group # 3**

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| **Name** | **ASURITE ID** |
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| Ishan Dikshit | idikshit |
| Nikhil Tibrewal | ntibrewa |
| Sanchit Narang | snarang2 |
| Shuchir Inamdar | sinamda2 |

**Attendees**

Co-sponsor – Prof. Fabio Calefato

Team members – Abhimanyu Dogra, Aman Srivastava, Nikhil Tibrewal, Sanchit Narang, Shuchir Inamdar, Ishan Dikshit

**Meeting Duration**

Meeting start time: 10:30 AM MST Oct. 13, 2017

Meeting end time : 11:30 AM MST Oct. 13, 2017

**Topics Covered**

1. Team progress since last iteration
2. Explained and justified the choice of project board and issue tracking system
3. Explained and justified the choice of the technology stack
4. Data acquisition method choice, progress and data model
5. Data storage architecture and technology choice
6. Requirements for 2nd iteration
7. Preparation material for 3rd meeting with the sponsor

**Resources and important links**

1. Waffle: Kanban board for Issue tracking with Github and Slack integration

<https://waffle.io/aman-srivastava/SNA4Slack>

1. Github repository

<https://github.com/aman-srivastava/SNA4Slack/>

1. MEAN: Development technology stack

<http://mean.io/>

1. Social Network Analysis concepts

<http://www.di.uniba.it/~reti/collab/SNA.pdf>

1. Slack conversations data source

<https://slackarchive.io/>

1. Data storage choices

MongoDB: <https://www.mongodb.com/>

Cassandra: <http://cassandra.apache.org/>

1. QUnit: Testing framework for JavaScript

<https://qunitjs.com>

8. PyUnit: Python Unit Testing Framework

<http://pyunit.sourceforge.net>

**Next Steps/Action items for 2nd iteration**

1. Study Social Network Analysis concepts from the provided powerpoint presentation.
2. Setup the backend environment on developer machines.
3. Setup data storage environment on chosen cloud platform.
4. Complete the programming of the python scraper for Data Acquisition.
5. Set up an initial wireframe for the front end.
6. Make the scraper detection proof.

**Requirements discussed**

1. The web scraper should avoid detection and mimic a real user using a browser.
2. All technology choices should be linked in meeting minutes with proper description.
3. The developers must understand basic social network analysis concepts before 3rd meeting.
4. Developers must ensure that data acquisition process isn’t too greedy and doesn’t exceed cloud storage limits.

**Next meeting**

Friday, 3rd November 2017 (3-week cycle)