Sprint 1 Report

SEADS Data Collection, Analysis, and Classification

October 28, 2014

Actions to stop doing:

**Calling same-day team meetings**: There have been times when someone wants to arrange a meeting, and they have asked that the meeting be later on the same day. Since we live busy lives, and are physically located in a variety of places, this is inefficient and makes it difficult for everyone to attend.

Actions to start doing:

**Group work sessions**: Working together as a group will help us make solid progress. A group work environment may aid us by making everyone more accountable for their productivity.

**Absolute deadlines**: Team members should start committing to specific completion dates for their tasks.

**Dividing tasks without delay**: From the beginning of a sprint, everyone should know exactly what they are responsible for, and there should not be any task left unassigned.

**Meeting on time**: Members need to arrive to meetings on time, and the meetings should start at the decided time.

Actions to keep doing:

**Communicating**: The team should keep communicating about everything. As the quarter progresses things may get hectic, we can’t let life distract us from keeping each other up to date on the project’s progress.

Work completed:

User Story 1:

* Recorded data from 2 computers (2)
* Recorded data from 2 microwaves (2)
* Recorded data from 2 speaker systems (2)
* Recorded data from 3 lamps (2)
* Recorded data from 2 televisions (2)
* Install software for data gathering (1)

User Story 2: All tasks

* Set up schema (3)
* Create tables (2)
* Create stored procedures to ease upload/download for members not familiar with SQL (2)
* Create user accounts (1)

Work not completed:

User Story 1:

* Record data from 3 additional computers (2)
* Record data from 3 additional microwaves (2)
* Record data from 3 additional speaker systems (2)
* Record data from 2 additional lamps (2)
* Record data from 3 additional televisions (2)
* Upload data into table (1)
* Content organization/labeling (1)

User Story 3:

* Read research papers provided by Ali (5)
* Review existing SEADS code (5)
* Become familiar with Weka and other machine learning/relevant software (4)

Work completion rate:

User Stories completed: **1**

Ideal work hours completed: **12.4 hours**

Total number of days during sprint: **13 days**

User Stories per day: One thirteenth of a User Story, about **0.08 U.S./day**

Ideal work hours per day: About **0.95 hours/day**