**SYSADD1**

(Project/Research Status Report)

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Using NLP to Analyze Cyberbullying

**Project Summary:**

Rapid technological advancement paved the way for cyberbullying to become rampant specifically among the younger population (aged 10-19). Studies claim that people belonging to that particular age group tend to act rashly due to their immaturity. They find it difficult to notice the risk that they are placing amongst themselves or towards the rest of their peers until the problem has completely gone at hand. Therefore, our team came up with the idea of using the Natural Language Processing technology in order to analyze and automatically detect trends of cyberbullying in a particular social media website in its initial stage and report them immediately to the moderators with the hope of preventing these aforementioned occurrences from becoming serious.

**Issue and Risk Management:**

Issues

* Lack of tools and resources needed in order to make the system development phase faster and efficient

Risks

* The team might take some time in learning all of the information needed in this field in order to apply it to their system development process
* Major changes may take place in the formation of the physical components of the system (this will mostly be due to cost or accessibility)

**Team Progress:**

Tasks Scheduled for Last Week:

* Check other social media websites’ cyberbullying content
* Continue with the editing of the paper
* Build the corpus (Goal: At least 10,000 statements)
* Annotate the said corpus

Tasks Completed Last Week:

* Web scraped selected social media sites (Twitter, Ask.fm, Youtube (comments))
* Edited the Review of Related Literature part of the thesis paper (semi-finalized)
* Finished drawing 7 UML diagrams for the design of our system

Tasks Scheduled for Next Week:

* Continue with the editing of the paper
* Research for more open source text annotation tools specifically for NLP
* Annotate Corpus
* Continue on acquiring project related theories (for the theoretical background)