

**Project Status Report**



**Project Name:** Cyberbullying Detection Using Support Vector Machine (SVM) Algorithm

**Department:** School of Computing and Information Technology (SoCIT)

**Focus Area:** Metro Manila (NCR), Philippines

**Product:** Cyberbullying Detection Application (plug-in/web extension)



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Samantha Mallari | Project Manager / Documentations Manager / Developer |
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**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Change Description** |
| 1.0 | 06/08/17 | Samantha Mallari | Document created |
| 1.1 | 06/19/17 | Samantha Mallari | Results and Discussions part of the paper was created and is already at 30% (progress) |
| 1.2 | 06/26/17 | Samantha Mallari | Results and Discussions is already at 50% (progress) |
| 1.3 | 07/03/17 | Samantha Mallari | Results and Discussions part of the paper is at 80% (progress) |
| 1.4 | 07/10/17 | Samantha Mallari | Results and Discussions part of the paper is at 90% (progress) |
| 2.0 | 07/17/17 | Samantha Mallari | Altered certain concepts in the paper to further align its idea to what was originally planned |
| 2.2 | 08/10/17 | Samantha Mallari | Added information to all parts of the paper except Conclusion and began transferring research paper contents to ACM template |

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# PROJECT STATUS REPORT PURPOSE

The project status report is a document that project managers may use as a means of formal regular reporting on the status of a project to key project stakeholders.



# PROJECT STATUS REPORT TEMPLATE

## Project Status Report Details

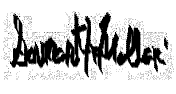
* **Status of the Project**
  + This research-based project aims to develop a cyberbullying detection application, which will come in the form of a plug-in or web extension, capable of detecting textual cyberbullying occurrences in real-time, preferably on a social media type of environment, and procure a tabulated report regarding the incident, which consists of the flagged statement, annotation done by the system, link to the user account that was utilized in posting the statement, and the date and time it was posted. The researchers chose Twitter as their project’s testing ground; however, the application will no longer subject its detection under specific policies from a particular organization since the aim now is to make the software flexible (to be used against a variety of sites) while maintaining its original purpose/objective.
  + The milestones that were set for this project (for Term 1 of A.Y. 2017-2018) are as follows: finalize schedules and overall planning strategies, include an in-depth discussion of the system features and functionalities, results, and conclusion and recommendations, modify the system architecture that was proposed during the previous term, integrate last term’s software output with Twitter, organize output results on the console, finalize the research documentation, modify the same document according to NCITE format, and submit the paper to the NCITE 2017 conference.
  + The researchers’ expected output for this term is the final paper for the research project.
* **Risk Management Report**
* The major risks that the researchers had foreseen so far are those that involved creating possible revisions to the original plan for the project development, and making adjustments in terms of scheduled tasks, etc. to fit the allotted time-frame before the paper’s submission to the conference.
* **Issues Report**
* The key issues that the team have dealt or are currently dealing with involved the lack of team members who are good at programming, and failure of some members to relay daily reports to the project manager.
* **Project Recommendations**
* The team recommend the following procedures to those researchers who would be willing to take on a similar project: detection in various media formats (including images and videos), additional language features, and introduction of the idea to a wider audience (e.g. cyberbullying advocates).

## Project Status Report Template

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared by:  Samantha Mallari | Date:  08/10/17 | Reporting Period:  08/07/17 – 08/14/17 |
| Project Overall Status:  As of this term, the proponents of the study should be able to finalize all of the needed information that the paper was lacking during the previous terms. The software development plays a major role in its accomplishment, as it remains to be the only component needed to be changed. Likewise, the results must be discussed appropriately (or in-depth), together with the conclusion and recommendations part. | | |
| Project Summary:  This project aims to develop a cyberbullying detection application capable of automatically detecting textual cyberbullying occurrences, and immediately recording the needed data on a database and outputting them respectively in tabular form to serve as an organized report. The testing ground will be established on Twitter; however, it will not be subjected under specific policies (as that matter no longer belonged to the scope of the research). | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | * Project Status Reports | 08/31/17 | 60% | On time | | * Software Integration (with Twitter) | 08/21/17 | 75% | On time | | * Output Generation | 08/21/17 | 45% | On time | | * Research Methodology | 07/31/17 | 90% | Delayed | | * System Features and Functionalities | 07/31/17 | 85% | Delayed | | * Results and Discussions | 08/07/17 | 80% | Delayed | | * Conclusions and Recommendations | 08/07/17 | ----- | Delayed | | * Transfer research paper contents to ACM format | 08/21/17 | 70% | On time | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | * Project Status Reports | 08/31/17 | 60% | On time | | * Software Integration (with Twitter) | 08/31/17 | 75% | On time | | * Output Generation | 08/31/17 | 45% | On time | | * Research Methodology | 08/31/17 | 90% | On time | | * System Features and Functionalities | 08/31/17 | 85% | On time | | * Results and Discussions | 08/21/17 | 80% | On time | | * Conclusions and Recommendations | 08/21/17 | ----- | On time | | * Transfer research paper contents to NCITE format | 08/21/17 | 70% | On time | | * Abstract (Draft) | 08/11/17 | 50% | On time | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | By the time the aforementioned project milestones were accomplished, the team will be able to provide the completed research paper which will be submitted to a conference | Failure to comply with the milestone requirements will contribute to the delay of the project, leading to its immediate failure | | | |
|  | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Risk and Description** | **Risk Chance** | **Risk Impact** | **Risk Priority** | **Change from Last Review** | | Possible revisions to be made on the project (in terms of the methods to be adapted as well as its corresponding documentation) – time constraints and available resources will play a huge role in determining whether or not such revisions will be made | High | High | High | ----- | | | |
| **Project Issue Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Issue and Description** | **Project Impact** | **Target Due Date** | **Issue Status** | **Issue Resolution** | | Lack of research papers published which also aims to use technology to mitigate cyberbullying attacks within the typical Filipino conversation setup in social media | Medium | ----- | Closed | The team was able to acquire a project consultant who turned out to be an expert in the field of NLP and computer science-related researches | | Difficulty in acquiring available open source tools that is easily understandable by novices in the field of NLP | Medium | ----- | Closed | The team made use of WEKA toolkit. Its interface appeared to be intimidating at first, however one member managed to pull through. The entire team learned from the processes that she had done, making everyone familiar with the tool as well | | Lack of team members who are good in programming | High | 08/31/17 | Open | Although very few, there are still members who can do decent programming. However, since the software to be developed is quite advanced, the coding process would take a while to be accomplished. | | Team members are not doing their task of modifying their respective lists of jobs to be done in Trello, and fails to report to the project manager daily | Medium | 08/31/17 | Open | The project manager sees to it that she was able to ask each of her members via Messenger regarding their assigned tasks every evening. | | | |
| **Project Recommendations**   |  | | --- | | * Make the system detect cyberbullying occurrences not only found within texts but also in images or videos * Make the system detect cyberbullying occurrences in other languages utilized in a typical social media interaction setup involving Filipinos of various ethnicities * Introduce the idea to a larger audience | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To finish the thesis paper and continue working with the conference paper and the software development | | | |
| **Related Project Information**   |  | | --- | | ----- | | | |



# PROJECT STATUS REPORT APPROVALS



**Prepared by** \_\_\_\_\_\_\_\_\_\_Samantha Mallari\_\_\_\_\_\_\_\_\_\_

Project Manager

**Approved by** \_\_\_\_\_\_\_ Ernesto Boydon \_\_\_\_\_\_\_\_\_\_\_\_\_

Project Advisor



# APPENDICES

## Document Guidelines

## Project Status Report Sections Omitted

