

**Project Status Report**



**Project Name:** Cyberbullying Detection Using Support Vector Machine Algorithm

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

**Focus Area:** Asia Pacific College, Makati City, Philippines

**Product/Process:** (insert product name) – (insert tagline)



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
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| Faith Ballesteros | Documentations Manager |
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**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Change Description** |
| 1.0 | 01/29/17 | Samantha Mallari | Document created |

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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

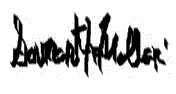
* **Status of the Project**
  + This project aims to develop an add-in which bears the capability to automatically detect textual cyberbullying occurrences and procure an organized report, including the account details of the user who committed the crime of cyberbullying, the statements that were flagged, the classification of each statement per type (of cyberbullying), graphs representing the aforementioned statistics, and the appropriate sanctions for each cyberbullying attack action as defined in Asia Pacific College’s Student Handbook. Notifications will be sent via email to both the owner of the account and the people who possess the authority to impose sanctions - the Office of the Student Affairs, which handles the Disciplinary Officer and the Guidance Counselor
  + The milestones that the team had set for this particular project are the following: finalize schedules and overall planning strategies, prepare the Wiki documentation and software-specific documentation, create UML diagrams, develop the user interface (frontend and backend), code the program for the AI, and document the tests to be done for quality control
  + The group’s expected output for this term includes the add-in along with a dummy social media site which will serve as a simulation and testing ground for the main product.
* **Risk Management Report**
* The major risks that the group had foreseen so far are those that involved creating possible revisions to the original plan for the development of the project, and making adjustments in terms of scheduled tasks, etc. to fit the management framework that the team recently adapted.
* **Issues Report**
* The main issues that the team are currently dealing with pertains to the lack of related research papers published in the Philippines, difficulty in acquiring the needed tools for free, lack of team members who are good at programming, and failure of some members to procure daily reports to the project manager.
* **Project Recommendations**
* The team highly recommends the following procedures to the researchers who would choose to continue with their project: detection in various media formats (including images and videos), additional language features, introduction of the idea to other schools and cyberbullying advocates, and lastly, a better method of obtaining Filipino people’s perspective towards the definition of cyberbullying (to discover how cyberbullying is viewed in this country).

## Project Status Report Template

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared by:  Samantha Mallari | Date:  01/29/17 | Reporting Period:  01/30/17 to 02/06/17 |
| Project Overall Status:  The team is currently within the first iteration of Scrum – the management framework that the team had chosen to follow. Its primary focus is to finalize all planning, analysis, and design tools and documentations to be accomplished. They also wish to start with the programming during the final half of this iteration (which will be covered in the next progress report) | | |
| Project Summary:  This project aims to develop an add-in which bears the capability to automatically detect textual cyberbullying occurrences, and immediately record the data and save it as part of an organized report (includes a combination of both graphical and qualitative data descriptions) which would then be sent to the parties involved. The process of cyberbullying mitigation is highly dependable towards the Student’s Handbook – which illustrates all sanctions for both major and minor offenses recognized within Asia Pacific College (as the system is being built for the Office of the Student Affairs department of the said college). With that said, all of the punishments that will be enforced strictly applies only to entities of APC | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | |  |  |  |  | |  |  |  |  | |  |  |  |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | * Planning Tools | 04/02/17 | 15% | On time | | * UML Diagrams | 02/05/17 | 85% | On time | | * UI Development (Frontend) | 02/05/17 | 50% | On time | | * UI Development (Backend) | 02/19/17 | 10% | On time | | * AI Programming | 04/02/17 | ----- | On time | | * Software-specific Documentation | ----- | ----- | ----- | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | When all of the project milestones are accomplished during this term, the team will be able to provide a working automated cyberbullying detection software to their client (Asia Pacific College – Office of the Student Affairs), modeled according to their interest | Failure to comply with the milestone requirements will contribute to the delay of the project which will lead to its immediate failure | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | **Budget Item** | **Planned Budget** | **Actual Cost** | **Variance/Explanation** | | Transportation |  |  | One of the members of the team agreed to make use of her family car to take us from Gate 3 Plaza to De La Salle University and vice-versa | | Food |  |  | We ate at Jollibee after our project consultation | | | |
| **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 (as well as its corresponding documentation) – During briefings, clients may suggest modifications to further shape the software to their likeness. It is uncertain that the said modifications will or will not drastically affect the triple constraints of the project | Medium | High | High | ----- | | A shift from PDLC to SDLC framework – It took a while before the team realized that this term is dedicated to software development, therefore they should consider frameworks mainly for engineering software and leave the area of research for a while. Having done so, the team is struggling with the fast-paced software management framework that they have chosen which is the Scrum | 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 | 02/05/17 | 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 | 02/05/17 | 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 other schools (specifically among high school students) * Introduce the idea to cyberbullying advocates in the country * Execute another method of gathering Filipino people’s insights regarding cyberbullying (e.g. by performing a quick interview this time instead of a survey) | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To start coding the intended software and accomplish at least 20% of it by the end of Sprint I – Week 4. | | | |
| **Related Project Information**   |  | | --- | | The final product of this software development project is exclusively for Asia Pacific College. Sanctions that will be mentioned in the software, limited to those directed towards the mitigation of cyberbullying attacks, are recognized by the entire Asia Pacific College institution and will therefore apply only to its entities. | | | |



# PROJECT STATUS REPORT APPROVALS



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

Project Manager

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

Project Advisor



# APPENDICES

## Document Guidelines

## Project Status Report Sections Omitted

Project Budget/Financial Status

