Revision 1

October 2020

**Software Project Management Plan**

**For**

**Luke McNamara**

**Prepared For:**

**Social Media Interaction Analyzer**

**Prepared By:**

**Luke McNamara**

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6. **Introduction**
   1. Project Overview

The overall objective of the team is to build a web application that can be used for getting analysis from social media websites such as Twitter which will be the main focus of the project early, and creating a scoring system based on interaction of tweets from news related posts. For example, if a tweet from CNN were to have 200 favorites and 300 retweets each word in the tweet would be assigned a score of (200(1) + 300(2)), so each word in that tweet CNN makes would have a score of 800.

* 1. Project Deliverables

Software Project Management Plan

Software Requirements Documentation

Use Cases Documentation

Risk Plan

Schedule

* 1. Evolution of the SPMP

The SPMP is a working document that will be managed by Luke McNamara and only Luke McNamara.

* 1. Definitions and Acronyms

API – Application Programming Interface

SPMP – Software Project Management Plan

OOD – Object Oriented Design

1. Project Organization
   1. Process Model

For this project I have decided to use the iterative process model so that I can continually iterate on features through the process as it seems to be the most efficient process at getting a base version out as quickly as possible which is the goal with this project.

* 1. Project Responsibilities

The entire project will be handled by me, myself, and I (Luke McNamara).

1. Managerial Process
   1. Management Objectives/Priorities

The goal of the management of this project is to get the application out as soon as possible, therefore we chose the processes that we have for this project.

* 1. Management Meetings

Management meetings will be handled by the sole manager of the project Luke McNamara.

* 1. Risk Management

In order to mitigate risk, we will be looking into tools that help us mitigate user risk, since this project is under the sole effort of Luke McNamara there shouldn’t be an issue with internal data exposure.

1. Technical Process
   1. Methods, Tools, and Techniques

Most tools have already been chosen for this project and will be using Twitter’s API as our social media API of choice, Vuexy to build the admin / user dashboard, MySQL as the database.

* 1. Software Documentation

The comments that are in the code will handle the documentation for this application.

1. Work Packages, Schedule, and Budget
   1. Work Packages

Please refer to the Work Packages graph after this section Labeled Graph 5.1

* 1. Schedule

The goal for the schedule of this project is to be finished by the deadline of 11/24

**Gantt Chart Located in Excel File that will be sent out with the Project Management Plan.**

* 1. Budget

Budget is to be expected to be low, any tools used the expectation is to save costs where possible.

***Graph 5.1***

