1.0 Overview

This Software Project Management Plan (SPMP) for the MLS Project(?) Outlines the goals and deliverables.

The MLS (My Learning Space) Project will allow Wilfrid Laurier’s markers and instructors to upload a large quantity amount of feedback for individual students to the MLS site quickly and efficiently. Previously there was no other way to provide feedback for students without individually entering feedback for each student which is extremely time consuming with many students.

The MLS Project will be written in the python language and uses the Desire to Learn API called Bright Space. The Bright space API is versatile as it houses support for many different languages and has the same functions as a web browser which is extremely important for student’s, as submission and viewing of assignment feedback is done through web browser.

* 1. Project Summary

This Software Project Management Plan (SPMP) gives an overview of

* The purpose
* scope
* objectives of the MLS project.
* Assumptions and constraints
* Project deliverables
* Schedule summary

1.1.1 Purpose, scope and objectives

This document outlines the MLS Project and its features and deliverables.

The main project objective is to implement a fully functioning program to be used the across Laurier University website and possibly any other websites by the deadline of December 2017(?) to be used by markers and instructors of the school.

1.1.2 Assumptions and constraints

Assumptions:

The MLS team will be using

* Bright space API
* Python language

The Team will work on no budget and has enough experience to complete the MLS Project.

Constraints include:

* Completion of the MLS project by December
* weekly work period of 5 hours a week or more

1.1.3 Project deliverables

**1.1.3.1** **Software deliverables** The MLS Project team will deliver a fully functioning program by December.

**1.1.3.2** **Document deliverables** Documents will be delivered by the MLS team over the time of development, for the team and the client.

**1.1.3.2.1** **Team documents** The following documents are required for the MLS Project

* MLS Project Software Project Management Plan.
* MLS Project requirements document

**1.1.3.2.2 Client documents**

documents will be given to the client:

* Software Project Management Plan.
* Requirements document

1.1.4 Schedule Summary

Please refer to **section 6.1** of the Software project management plan for a detailed schedule

2.0 – References

[CP317 Course Website](http://bohr.wlu.ca/cp317/)

IEEE Std 1058-1998, IEEE Standard for Software Project Management Plans, IEEE 1998

MLS API Report by Jacob Harold

Domain site: somethingdumb.ca

3.0 Definitions

SPMP – Software Project Management Plan

Bright space API – The Desire to learn Application programming interface used by MLS Project

MLS – My learning Space

D2L – Desire to Learn

SQL -  Structured Query Language.