**1. Introduction**

1.1 Project Overview

The general purpose of this is to make a website that can store multiple maintenance records for different cars owned by my family and it will be easy to upload each record.

1.2 Project Deliverables

* Website with way to keep maintenance records
* Technical Status Report
* Final report

1.3 Evolution of the Software Project Management Plan

* Potential Evolution:
  + May add more functionality if the basics are implemented well
  + Should be easy to expand if more people want to use it

1.4 Reference Materials

* SPMP Template: via [calpoly](http://users.csc.calpoly.edu/~jdalbey/205/Mgmt/SPMP)

1.5 Definitions and Acronyms

* SPMP: Software Project Management Plan
* API: Application Programming Interface

**2. Project Organization**

2.1 Process Model

* Lifecycle Model: Agile Development
* Major Milestones:
  + SPMP and other preliminary work - Date: 3/31
  + Documents due for individual project (besides SPMP) - 4/27
  + Finish SPMP - 4/27
  + Have the website functionally working by 4/20
  + Check for bugs on website 4/27
  + Finish aesthetics of website 5/3

2.2 Organizational Structure

* One person is the sole worker but can ask the instructor for help and guidance

2.3 Organizational Boundaries and Interfaces

* Customer Organization: My family including me, my dad, and my older brother
* Professor (for help)

2.4 Project Responsibilities

* All responsibilities: Austin Scott

**3. Managerial Process**

3.1 Management Objectives and Priorities

1. Make sure main features of website work
2. complete/fix documentation
3. Finish website

3.2 Assumptions, Dependencies, and Constraints

1. Assume users can't access the wordpress backend
2. Assume user does not know website and does not know how to fill in information

3.3 Risk Management

* Make sure there is a backup of the data
* Talk to host to ensure uptime of the server
* Require a login to access the data

3.4 Monitoring and Controlling Mechanisms

* Meeting with instructor when required or needed

3.5 Staffing Plan

Austin Scott - Team Member

**4. tools**

* Source Code Control and documents - Github
* Wordpress for main environment
* Some wordpress plugins to enable some features like user post

For my process development model I chose to follow the incremental model. I chose the incremental model so that I could constantly develop functions a little bit at a time and test whenever I felt I completed one. With the incremental model I was able to continue to develop and improve different functions of the website in small parts at a time until the whole thing was finished. It also gave a lot of flexibility in working on the different parts because I could switch development to a different function after making part of another one if needed.

If anything needs to change about the project it should be pretty easy to make corrections in development because of the incremental model. Because you are working on little pieces of the whole website at a time with the incremental model, it will be easy to go back through the pieces already finished and start to make changes. And because you can keep testing with this model, it will make it easier to make everything compatible again after changing any of the pieces.



