**Software Project Management Plan**

Individual Project

**Part 1 Introduction:**

**1.1 Project Overview**

This website should let users make accounts and post their questions to a forum/message board and should allow for other students to reply to their messages with answers in forms of videos, text, or images. The users should also be able to manage their accounts and change around some settings as well and be able to check their posts as well as their responses to other users’ posts. This website will not have subscriptions and will be a free resource for students to use.

**1.2 Project Deliverables**

SPMP (Nov 11th)

System Test Plan (Nov 12th)

Milestone Reviews per Schedule (Dec 4th)

Final Product Presentation (Dec 4th)

**1.3 Evolution of SPMP**

I do plan to change the website and keep it updates with new features and maybe even ways to run it more efficiently however should a problem occur on one of these updates I hope to save the previous version of the webite to revert to while I work on the issue with the update.

**1.4 Reference Materials**

<https://github.com>

<https://wordpress.org>

<https://www.office.com> (Word/Excel)

<https://www.namecheap.com>

<https://unity.com>

**1.5 Definitions and Acronyms**

**Part 2 Project Organization:**

**2.1 Process Model**

Users can make an account and will be able to communicate with whichever community they would like to interact with. However, if the user is not currently registered, they will only be able to read posts and not write posts.

**2.2 Organizational Management**

**2.3 Organizational Interfaces**

**2.4 Project Responsibility**

Ronny Rivera - Everything

**Part 3 Managerial Process:**

**3.1 Management Objectives and Priorities**

My management philosophy is to set aside 20-30 mins to reflect/work on the website every 2-3 days. I would more so like to prioritize the functions of the website over the general appearance of the overall website however if I have time, I would like to take the extra time to work on the front end a little more. My budget is relatively low however, since this is a personal project, I would be willing to spend a little extra to give the user a better experience on my website. My planned schedule looks as shown below:

A screen shot of a cage

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**3.2 Assumptions, Dependencies, Constraints**

The final product must be ready by Dec 4th and fully functioning and ready to go on any platform or web browser. Also, we assume the user knows how a message board works and can navigate their way around to get to where they want to go. Some constraints of this website might be lack of experience in the field so I may need to learn techniques or methods on my own and do some research. My website as all website are dependent on the user having access to an internet connection.

**3.3 Risk Management**

A potential risk is that I run out of money to fund running the website as we get closer towards the end of the semester. In that case I would ask my parents to help keep the website running. Another issue that could occur is a resource I’m using may be a little time consuming and harder to use than I initially planned. In that case I would try to find another tool to do the job just as well but maybe a little less time consuming.

**3.4 Staffing Plan**

I am currently the only person working on this website so there should be no problems in butting heads with any other members

**Part 4** **Technical Process**:

**4.1 Tools and Techniques**

I’m going to be using Namecheap to host my website because my group is planning on getting a package deal on Namecheap that will provide us with various tools such as SSL certificates. I’m also using WordPress because I heard that there are many forum/message board friendly plugins that will help the development process of my website. I also hear that Namecheap is really compatible with WordPress, so I won’t have to worry about the integration process much.

**4.2 Documentation Plan**

In order to keep track of my progress I will save word and excel files on my computer to help keep the end goal in mind however, I will also be posting my files onto GitHub for you (Ms. Broadwater) to review. I will use word for the SPMP (This file) and the test skeleton. Lastly, I will use excel for the schedule I plan to have while developing this website.

**4.3 Project Support Functions**

In order to support my website, I will leave my student email at the bottom of the page where users can contact me, and I will resolve the issue at my earliest convenience.

**Part 5: Description of Work Packages**

**5.1 Work Breakdown Structure**

A screenshot of a cell phone

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