Software Project Management Plan

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Revision Sheet (Update History)

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Comments | Author |
| 1.0 | 06/20/2020 | Brainstormed on what the creation should be. | Peter Odaka |
| 2.0 | 07/09/2020 | Started working on the Web design template/Domain | Peter Odaka |
| 3.0 | 07/14/2020 | Worked on the Contact page and created a logo. | Peter Odaka |

Table of Contents

1. Introduction……………………………………………………………………………….…….3

1.1 Project Overview……………………………………………………………………...3

1.2 Project Deliverables…………………………………………………………………...3

1.3 Evolution of SPMP……………………………………………………………………4

1.4 Reference Materials…………………………………………………………………...4

1.5 Definition and Acronyms……………………………………………………………...4

2. Project Organization……………………………………………………………………………5

2.1 Process Model………………………………………………………………….……...5

2.2 Organizational Structure………………………………………………………….…...5

2.4 Project Responsibility ……………………………………………………………...…5

3. Managerial Process……………………………………………………………………………..6

3.1 Management objectives……………………………………………………………….6

3.2 Assumptions, Dependencies, and Constraints…………………………………...……6

3.3 Risk Management……………………………………………………………………..6

3.4 Monitoring and Controlling Mechanism………………………………………..…….6

# 4.Technical Process……………………………………………………………………………….7

4.1 Methods, Tools, and Techniques……………………………………………….…......7

4.2 Software Documentation……………………………………………………….…..…7

4.3 Project Support Functions……………………………………………………………..8

5. Work Elements, Schedule and Budget……………………………………………………..…...8

Purpose

The purpose of this Project is to create a webpage about me and get Customers to purchase my web designs if they want to use it for their portfolio/resume or entrepreneur purposes.

**Introduction**

**1.1 Project Overview**

For my individual project I am creating a portfolio about me on a website where I can show all my projects, achievements, resume, works, and etc. Prior to this project I am going to use it and display how good I am with web development and designs. When I display it, I should be able to get more people to hire or pay me to make a webpage for them. This can consist of entrepreneurs who are starting nail, hair, eyelashes businesses, or people who want to show off their resume in a unique way by coming to me.

**1.2 Project Deliverable**

|  |  |  |
| --- | --- | --- |
| Phase | Deliverables | Due Date |
| Initial Structuring | Topic Proposal | 06/10/2020 |
| Phase 1 | SPMP  Tool Review | 7/14/20 |
| Phase 2 | Design Review | 07/15/20 |
| Phase 3 | SPMP Revisions  Design Review Revisions | 07/20/20 |
| Phase 4 | End Revision | 07/23/20 |
| Phase 5 | Final Product | 07/24/20 |

**1.3 Evolution of SPMP**

The Project is expected to Grow and Change by more customer that want me to create and design webpages for them.

**1.4 Reference Materials**

<https://wordpress.com/customize/thepetecode.wordpress.com>

[www.wordpress.org](http://www.wordpress.org)

[www.thepetecode.com](http://www.thepetecode.com)

**1.5 Definition and Acronym**

**WordPress**- is a free and open-source content management system written in PHP and paired with a MySQL or MariaDB database.

**Front End**- is where you implement visual elements that users see and interact with in a web application.

**Back end** - is the server side of an application and where everything that communicates between the database and the browser. How the site works.

**Domain -** is an address where the internet users can access your website.

**PHP -** is a popular general-purpose scripting language that is especially suited to web development.

**SQL -** is Structured Query Language that communicates with a database.

**MariaDB -** is a community developed, commercially supported fork of MySQL relational database management system, intended to remain free and open-source under the General public license

**Project Organizations**

**2.1 Process Model**

For my project, I will be using the Agile Software Development process which is a combination of iterative and incremental process models with focus on change; adaptability and customer satisfaction by rapid delivery of working software products. Agile methods break the product into small incremental builds called iterations.

**2.2 Organizational Structure**

A screenshot of a social media post

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|  |  |  |
| --- | --- | --- |
| Section | Deliverables | Due Date |
| Topic Proposal | Project topic | 06/10/2020 |
| Phase 1 | Have a Theme | 07/01/2020 |
| Phase 2 | Add Plugin/ Functions | 07/15/2020 |
| Phase 3 | Importing Information/Completing Website | 07/20/2020 |

**2. 4 Project Responsibilities**

I am in charge of all operations.

**Resume Website**:

* Created using WordPress
* Menu Functions like About, Contact Page, Resume, and Information

**Firebase:**

* WordPress Plugin called Akismet Anti-Spam where they secure the site for us automatically.

**Managerial Process**

**3.1 Management Objectives and Priorities**

I am the manager and my priorities are to make sure the project run smoothly and everything about the project is functioning well.

**3.2 Assumptions, Dependencies, and Constraints**

My web page will be running and completed on Wednesday July 22, 2020. The website is dependent on different type of plugins to keep the website running and functioning. The main constraints are dealing with the timing to fit everything so everything can be delivered.

**3.3 Risk Management**

* One risk is using the right functions so the project can run smoothly
* The plugin not working when I tried to add information to the website
* Spam accounts spamming my page and blowing up the contact form.

**3.5 Monitoring and Controlling Mechanism**

The monitoring and Controlling Mechanism that I used is WordPress, so I don’t have to use GitHub as often, but I use GitHub to back up my stuff.

**Technical Process**

**4.1 Methods, Tool, and Techniques**

` The methods I am using so far is the Agile Methodology, which Is one of the best methods for software developer. To keep my website up and running I am using. To create my web page, I am using WordPress. In WordPress, I use different plugins to create my websites. Right below are all the working plugins I am using for my webpage on WordPress.

**Plugins**

* **Akismet Anti-Spam; Protects blog from spam**
* **Contact Form 7; Contact form where people can write to me**
* **Drag and Drop Multiple File Upload; How I can upload images**
* **Resume Builder; Where I can write my resume**
* **Social Login/Social Sharing; When you click on the icon it takes you to social media**
* **TinyMCE Advance: Extends and enhance the block editor**
* **WooCommerce; commerce toolkit that helps you sell things**
* **WPForms Lite; The solution to importing and exporting data on WordPress**
* **NextGen Gallery; The most popular gallery plugin for WordPress.**

**4.2 Software Documents**

* **First Draft:** The First draft, I was outlining the major section and any question I had was taken to the teacher so that it can be addressed, and question not addressed I saved it for the second draft.
* **Second Draft:** The unanswered question is more addressed. We started working on more specific task and roles. Then, it was given back to the teacher to look at it at the design review meeting.
* **Third Draft:** During this draft, the project had problem with plugins that wouldn’t upload on the webpage. So, I had to ask for feedback and get advice to let me know the problem.
* **Final Copy:** The final web development is completed, and many tests have been run. This document will be sent and added unto the Spmp.

**4.3 Project Support Functions**

The Project plan is to make sure that website is running smooth and is easy to use. In order to figure that out I will test it out and have 3 other people test it out and give me feedbacks on it. As a result, I will run a System test using black box testing so I can know what to fix on the outside.

**Work Element, Schedule, and budget**

5.1

A close up of a logo

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