Software Project Management Plan

Peter Odaka

Towson University

07/11/2020

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

2.3 Organizational Interfaces…………………………………………………………….

2.4 Project Responsibilities……………………………………………………………....

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

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

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

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

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

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

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

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

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

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

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 |  |
| Phase 2 | Design Review |  |
| Phase 3 | SPMP Revisions  Design Review Revisions |  |
| Phase 4 | End Revision |  |
| Phase 5 | Final Product |  |

**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>

**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**

|  |  |  |
| --- | --- | --- |
| Section | Deliverables | Due Date |
| Topic Proposal |  |  |
| Phase 1 |  |  |
| Phase 2 |  |  |
| Phase 3 |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Phase | Product Manager | Project Manager | Requirements Engineers | Developer Quality Assurance |
| 1.1 |  |  |  |  |
| 1.2 |  |  |  |  |
| 2.1 |  |  |  |  |
| 2.2 |  |  |  |  |

**2.3 Organizational Interfaces**

**2. 4 Project Responsibilities**

**Managerial Process**

**3.1 Management Objectives and Priorities**

**3.2 Assumptions, Dependencies, and Constraints**

**3.3 Risk Management**

|  |  |  |
| --- | --- | --- |
| No. | Risk | Monitoring and Controlling |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |

**3.4 Staffing Plan**

**3.5 Monitoring and Controlling Mechanism**

**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. I am using WordPress for my domain and website.

**4.2 Software Documents**

**4.3 Project Support Functions**

**Work Element, Schedule, and budget**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Phase | Sub-Phase | Start Date | End Date | Resources |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |