

Website Project - Part I

Jason Schwier

West Coast University

HA 555 Project Management

Dr. Macias

June 28, 2020

## **Website Building Project Plan**

Even though implementing the plans in this assignment was not required, the final product can be seen at [www.pmwebsiteproject.com](http://www.pmwebsiteproject.com). The purpose of this assignment is to describe the project scope of a website development project. This is important because a clearly defined project scope provides direction and purpose for a project. Also, creating a project scope helps define what a project is not supposed to be. Project objectives, deliverables, milestones, technical requirements, limits and exclusions are the individual components of the project scope.

### **Project Objective**

The objective of this project is to create a website which displays the components of the Signature Assignment Part I. Also, the website created can be used to disseminate information quickly to the project participants of future projects (Larson & Gray, 2014). Planning for this project began on June 11, 2020 and the completion deadline is June 28, 2020. Total estimated costs for this project is \$6, which is the cost for registering the domain name. However, if the project was outsourced to a web developer, total costs could range between \$3,000 to \$6,000 (Brinker, 2018).

### **Deliverables**

1. Carousel timed welcome page
2. Navigation menu with a tabs for the project schedule, budget table, AON and WBS
3. Stand-alone “contact” page
4. Project schedule page displaying the project’s schedule
5. Budget table page displaying project’s budget
6. AON page with the applicable AON
7. WBS page with the applicable WBS

8. Logo in the top left corner of every page
9. Button on the home page which allows viewers to download this paper in pdf format
10. Expanding sections on the home page which contains information on the project's scope
11. Footers with copyright information on each page
12. Loading wheel for pages that are loading
13. Computer programming related graphics on every page
14. Modern font

### **Milestones**

1. Phase I complete - June 18
2. Phase II complete - June 23
3. Phase II complete - June 28

The significant events for this project are the completion of the three project phases. First, completion of phase I is significant because it marks the end of the initiation phase. In the initiation phase, requirements for the website are identified and a general picture of the website purpose has been established. Second, completion of phase II is significant because it marks the end of the building phase. At the end of phase II, the website is to be fully functional and only minor changes should be required. Last, completion of phase III is significant because it marks the end of the quality control phase. When the quality control phase has been completed, the website can be published online.

### **Technical Requirements**

Coding Languages:

1. Python
2. Hypertext Markup Language (HTML)

3. Cascading Style Sheets (CSS)

4. JavaScript (JS)

Third-party software/services:

1. text editor

2. cloud-based storage

3. web hosting service

4. domain name registrar

The technical requirements for this project can be grouped into two categories. First, knowledge of programming and markup languages such as Python, HTML, CSS, and JS ensures the proper performance of the website. Python is a programming language which handles all back-end operations. HTML, CSS, and JS are front-end languages responsible for the website's appearance. Second, several third-party applications and services are required in order to build and publish a website. Sublime Text has been chosen as the text editor which is the platform where code is written into. GitHub is a cloud-based services which allows for the storage of data. Data stored on GitHub can be sent to a web hosting service for publication such as Heroku. Last, selecting a domain name registrar is required to create a unique website name. Although, several domain name registrars to choose from, Namecheap was the domain name registrar chosen for this project.

### **Limits and Exclusions**

1. The website should not include the project's priorities, responsibility matrix or communication plan.
2. Project work should not be outsourced to a web developer.

3. The website cannot host more than two viewers at any given moment; otherwise, the website will slow down significantly.
4. The domain name, [www.pmwebsiteproject.com](http://www.pmwebsiteproject.com), will not be renewed after it expires in one year.
5. Regular maintenance of the website will not be conducted.

### **Conclusion**

In summary, plans for making a website were created which included the project's scope, schedule, budget, AON diagram and WBS. The plans were then implemented into a fully functional production grade website. Even though the project took 18 days to complete, a similar website can be created in significantly less time with enough experience. Also, outsourcing project work can shorten project duration; however, hiring a web developer to make a custom website can be extremely expensive. Although, including the development of an AON diagram and WBS would not normally be included in a project's plan, this assignment in itself can be considered a project. As a final thought, it would have been easy to give up on making a website, especially if the project was not planned thoroughly.

## References

- Larson, E., & Gray, C. (2014). *Project management: The managerial process*. (6th ed.). New York, NY: McGraw-Hill.
- Brinker, M. (2018). *Small business website cost (2020 update)* - Mark Brinker. Small Business Digital Marketing. <https://www.markbrinker.com/website-cost>