Scope Management - Webpage Development

Lauren Alexandra

Colorado State University Global

CSC 501: Management for the Computer Science Professional

Dr. Charles Lively

April 29, 2021

Introduction

The project: deploying a new customer-facing webpage showcasing their different 3D printing products as well as filaments and spools. a 3D printer company
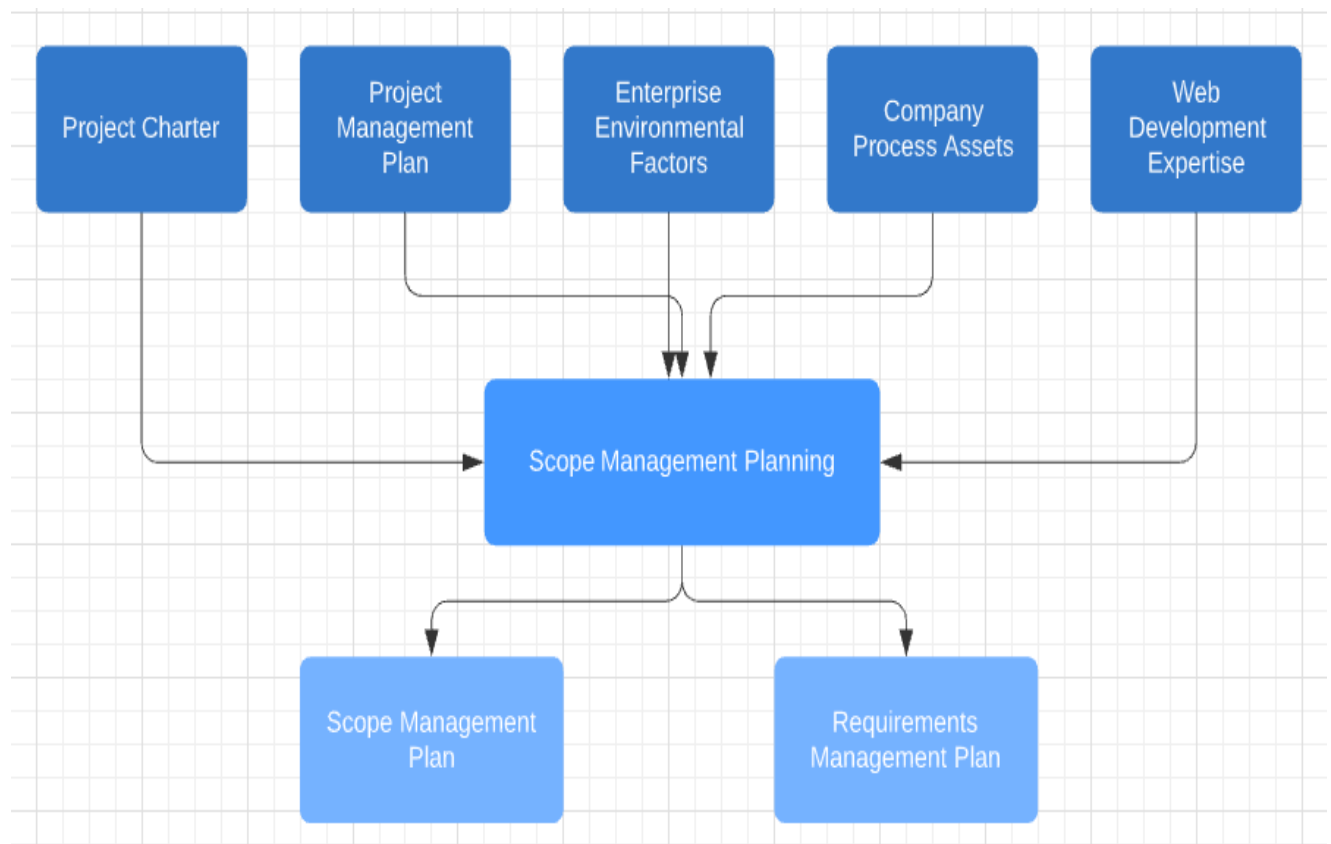
(Siegel, 2019) discuss from textbook here

Scope Management

Project plans must not only define scope, but also outline how scope will be generated and supervised. A few integral elements are necessary for this project's scope management plan: the project charter, the project management plan, and knowledge of enterprise environmental factors and company process assets (Project Management Institute, 2017). The charter is a declaration of the webpage project that details the criteria, germinal requirements and deliverables, risk, milestones, stakeholders, and financial resources, and assigns a project manager, granted the authority to utilize company resources. The webpage project management plan establishes the elemental project cost, time, and scope. These references will be later refined. The plan encompasses stakeholder engagement in addition to resource, risk, and communications management as well. Furthermore, the plan describes the project life cycle and development approach. Factors such as the company culture, policies, and administration, the current website support, and competitors' actions also influence scope creation. Lastly, personnel involved in previous website updates and consulted experts in web development will shape scope.

As a result of this planning process, both a scope and requirements management plan will be assembled (see Figure 1). Project members empowered by agreed upon processes can then form a scope statement and know how scope will be maintained throughout the duration of the project. Procedures for how the webpage requirements will be tracked and modified enable developers to meet the deliverables.

Figure 1

Scope Management Deployment

Note. Created in https://lucid.app.

Lifecycle and Development

Need to discuss <u>a project lifecycle plan</u>, <u>development approach</u>, and some of the tools and techniques that may be utilized. here discuss mostly agile refer to post and cite journal ref on agile here

Security

Need to discuss possible security issues with the site, hardware, and configuration as well. Webpage security:

https://www.toptal.com/security/10-most-common-web-security-vulnerabilities

https://www.guru99.com/web-security-vulnerabilities.html

Conclusion

Conclude

References

Information Age. (2019, April 16). *Server Migration and Management in the Enterprise.*

https://www.information-age.com/server-migration-and-management-123481440

Project Management Institute. (2017). *A Guide to the Project Management Body of Knowledge*. Project Management Institute.

Siegel, N. G. (2019). *Engineering Project Management.* John Wiley & Sons Ltd.

Yu, M., Vaagaasar, A. L., Müller, R., Wang, L., & Zhu, F. (2018). Empowerment: the Key to Horizontal Leadership in Projects. *International Journal of Project Management, 36*(7), 992-1006.