

Software Project Management Plan

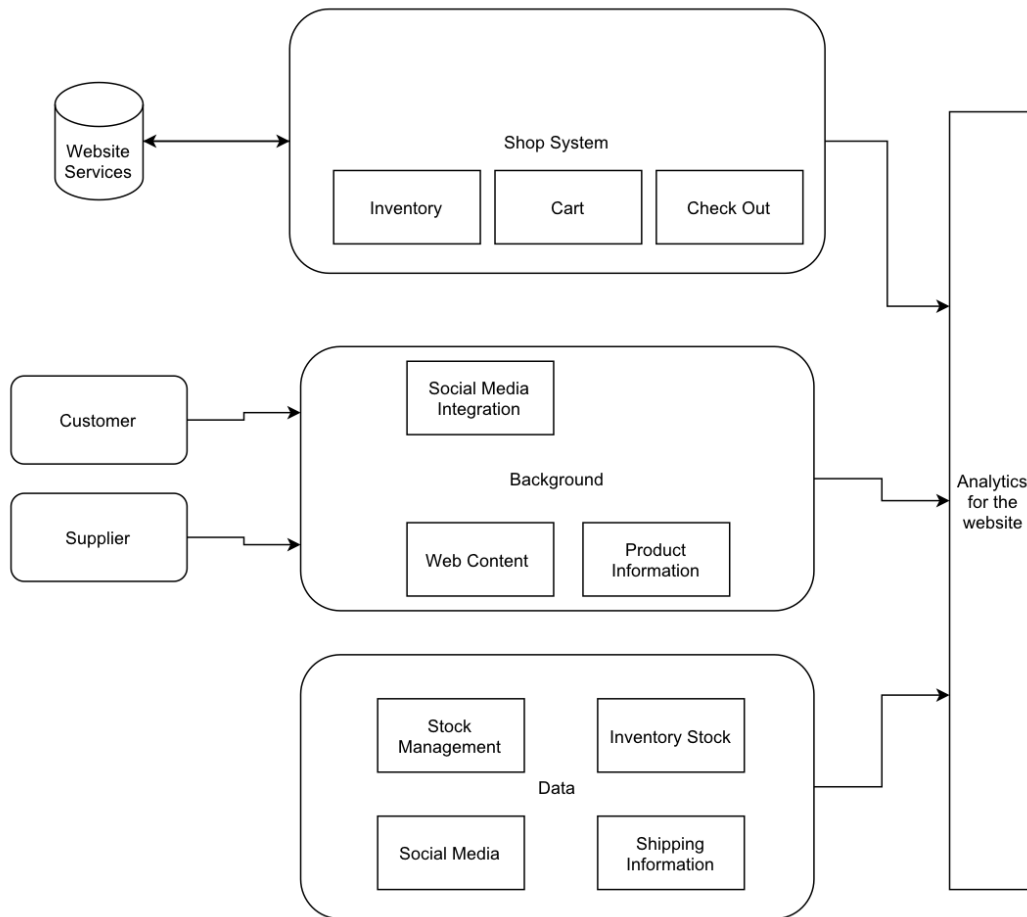
Project Name: LAW (Love Always Wins)

Date:3/25/2021

Name: Jalen Graham

1. Project Objective:
 - a. The end goal to create a simple but appealing website for my clothing brand L.A.W. Customers should be able to purchase items from us for affordable prices. Customers should be able to create an account on the website and save their payment information. They will also be able to review and comment on clothes they already purchased. They also have to be able to track the shipping progress and share on social media about their purchase.
 - b. People working for the brand have to be able to edit inventory on the website. They also have to be able to set prices and change the layout of the page when needed. The brand will also need to be able to policies on the website.
2. Project Deliverables:
 - a. Requirements Review
 - b. SPMP
 - c. Use Cases Review
 - d. Possible Tools Review
 - e. Website Design
 - i. The design and look of the website has to be figured out first before I can start adding more backend features
 - f. Inventory System
 - i. The website has to be a way to store all the items in the inventory on the store website
 - g. Account System
 - i. The website has to have a way for customers to create accounts that save their payment information on the website.
 - h. Cart and Payment System
 - i. There has to be a way for customers to save items they want in their cart and purchase them.
 - i. Shipping System
 - i. The website has to have a way to check the shipping status of the item.
 - j. Review System
 - i. The website has to be a way for the customers to review clothing items they have purchased on the website.
 - k. Test Security of the website
 - i. The website has to be a way to store all the items in the inventory on the store website
 - l. Presentation with the final product
3. Evolution of the SPMP
 - a. All changes should be weighed in terms of necessity before being implemented. All changes must address pre-existing architecture to update all affected functions

- b. I had to make changes to my SPMP based on how I wanted to meet my requirements. I had to go from using Bigcartel.com to using Wordpress.org so I had more control over the website. This allowed me to have direct access to the domain.
- 4. Reference Materials
 - a. Powerpoints from Blackboard
 - b. Wordpress.org
 - c. Youtube
 - d. Google
 - e. WooCommerce
- 5. Definitions and Acronyms
 - a. HLA - High-Level Architecture
 - b. SPMP - Software Project Management Plan
 - c. WBS - Work Breakdown Structure
 - d. WP - WordPress
- 6. Tools
 - a. HPanel
 - b. Hostinger
 - c. WordPress.org
 - d. WooCommerce
 - e. WooCommerce Shipping & Tax
 - f. WooCommerce Payments
 - g. Jetpack by WordPress.com
 - h. Facebook
 - i. Twitter
 - j. Google Drive
- 7. Process Model
 - a. I created an HLA chart to explain the organization of the process of my project.



8. Organizational Interfaces:

- Shipping Service: WooCommerce
- Payment : WooCommerce Payments
- Social Media: Facebook and Twitter
- Website Customization: WordPress and WooCommerce
- Website and Database Hosting: Hostinger
- Documentation: Google Docs and Slides

9. Technical Process

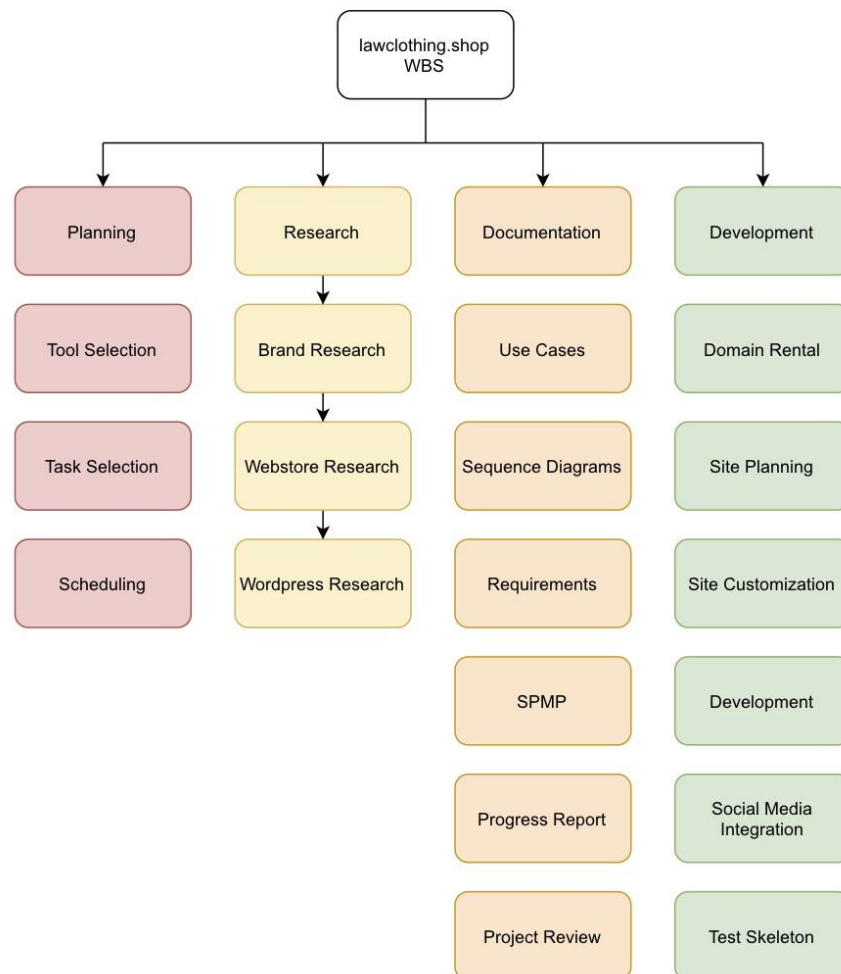
- Using tools such as Wordpress.org and a plugin on WordPress called WooCommerce I will plan the basic layout of the website. Then using WooCommerce plugins such as WooCommerce Shipping & Tax WooCommerce Payments I will bring the basic layout to life and add more features to the website over time.
- For actions such as tracking shipping, social media, or encrypted payment I plan to use external organizations to make the process more efficient.

10. Management Objectives and Priorities

- Requirement priorities in descending order
 - Functionality (does everything work on the website?)

- ii. Security (are customers' information safe from malicious attacks?)
 - iii. Technical efficiency (does everything load quickly on the website?)
 - iv. Ergonomic design (is it accessible use?)
 - v. Engagement and retention (is it fun to use? Do users like the experience?)
 - vi. Aesthetic efficiency (does everything look attractive to the user?)
- b. Schedule
 - i. My schedule is flexible for this project to make sure I'm able to adapt to any situation that may come up during the completion of this project.
- c. Budget
 - i. My budget for this project is higher than before due to the agreement from the people in the brand who also help pay for Hostinger services.

11. WBS



Task

Start Date

End Date

Website Layout	3/31/21	4/3/21
Inventory System	4/1/21	4/7/21
Account System	4/5/21	4/9/21
Cart and Payment System	4/8/21	4/14/21
Shipping System	4/10/21	4/16/21
Review System	4/12/21	4/20/21
Test Security of Website	4/14/21	4/24/21
Finalize Website Design	4/18/21	4/30/21

12. Gannt Chart

