Purchase Forum

412 Individual Project SPMP

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Preface:

The purpose of this project is to deploy a website that allows for not only interactions from customer to seller, but also interactions between customers to allow the maximization of customer satisfaction. Along with this will be the ability to post a video to demo the item that is being sold.

Overview:

The project being developed is a website that serves as an online retail website while also acting as a forum for conversation between companies/sellers and customers. To complete this goal, each item being sold will act as a “forum”, where conversation can be held at the whim of customers and companies. Along with this, the website will also provide the ability to post a video along with the item, providing the ability to demo or advertise the item in question.

Deliverables:

SPMP, Gantt Chart/ Diagrams: 4/20/2020

Working Website: 4/20/2020

Complete Website: 5/1/2020

Final Presentation: 5/4/2020

System Test: 5/1/2020

Readme: 5/4/2020

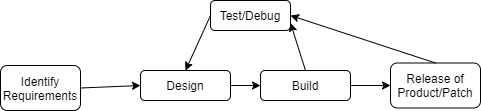
Evolution of SPMP:

The anticipated changes to come to this SPMP comes with updating the final project’s overall goal. If there is a belief that there isn’t enough time to complete the overall goal of the project, some changes will be made, and the SPMP will be updated. If unforeseen issues arise, for example with the use of WordPress, then the SPMP will also be updated accordingly with the changes that had to occur. Otherwise, the SPMP will act as a basis for the project, and shouldn’t change all too much because of this.

Reference Materials:

* WordPress.com
* Github
* Amazon
* Ebay
* Azure

Process Model:



Organizational Interfaces:

There will be interaction with individuals and/or developers on WordPress, as the website is being hosted on WordPress. The website will also have to interact with other companies in order to have those companies sell their items on the website. The project will involve interactions with banks as well, to allow the purchasing of items off the website legally.

Management Objectives:

The priorities that have to be focused on within the project is primarily getting the website fully able to give customers the ability to purchase and companies the ability to sell. This is the top most priority. Next would be to build the forum aspect of the project, and lastly the ability to add videos. Budget-wise I am not willing to put too much money into the project, as I have limits being a college student. As such I will be paying for the Wordpress site and the management of the website and that's it. Otherwise, time is another form of budget that is limited, as there is only so much time in the semester.

Dependencies And Constraints:

This project will follow the guidelines of the due dates for this class. The project heavily depends on the issue that the Coronavirus has put a strong restriction on the ability to complete work for the project. Due dates from other classes limits the amount of time that can be spent on the project in total. Any form of change made by the client is also a dependency.

Risk Management:

A big risk that can occur is the issue of adding and deleting items from the database for the website. As such, changes might have to be made to the schedule because of the issue. Any form of complex issue that I run into will cause major drawbacks to time and could possibly cause items to be not included with the initial build of the project.

Monitoring and Controlling Mechanisms

Owners of the website will have to maintain and update the website as the website progresses in its lifecycle. Retailers will add items and/or set items to sold out. The admins will help remove items from the website and the overall maintenance of said website.

Methods, Tools, and Techniques:

I will be using the Agile Programming Lifecycle in order to effectively produce the website. The website will be hosted on Azure, utilizing an Azure server. The admins of the website will maintain the website via Wordpress.

Software Documentation:

Any form of documentation will be made within the code for the website. Programmers will then have access to the knowledge of what is happening in the code. There will also be a readme that will allow anyone who wants to use the website to understand how it functions.

Project Support Functions:

This project will ensure the security of those purchasing from the website, along with personal information. This website will also make sure to protect retailers from fraud or theft as well. The whole point of this project is to keep a clear line of communication between customers and retailers. Along with this, I can be readily reached from the website as well, along with any admin that is working on the website.

Work Breakdown Structure:

