Undergraduate Final Year Project Proposal

Clothing sales website application development

Bachelor of Science with Honours in Computing

[Your Banner ID]

1 Overview

Do in travel restrictions on city roads. Especially during the season, users still want to shop for products they like such as clothes, home appliances, etc. So I have a solution that is to create a web application to display my products on it. Users can access it at home or anywhere they want. They can then experience shopping for the products they want on my system. This enables me to get more clients in my clothing sales. To help make web applications easier. So I use ASP.NET Core 3.1 in conjunction with ReactJS. It makes web application creation simpler and easier to manage.

In this project, I will learn about website applications. Secondly, I will learn and look for the capabilities of ASP.NET Core 3.1 in creating the system I want. Then I learned and learned about ReactJS in rendering the system on the device. Thanks to that, my system can reach many potential customers. Finally, I revaluated how this system has helped me in the development of my business.

And now I'm going to talk about the functional content my website might have. After planning and ideas for the website. At the same time, I researched on clothing and fashion websites on the market, I have gathered many necessary functions for my website. My website is accessible through 2 forms: admin and user. In order to ensure the security of the website we have used a different link for the admin because the admin is the person with the highest rank in the site. With the admin interface I can manage the facility's products and manage the users. I can add and delete product information such as: name, price, remaining items in stock, product categories. I can add and delete user information. The admin interface will be able to assign class permissions to users such as: admin rights or user rights if my number of clients increases, I can hire other people to help manage the website. And these people can have the same rank as admin or can be more restricted. Besides, when people search the link of the website that we have public, they will go to the user home page, where users will see the best-selling products and they can search for the products they need. find and can find admin information to contact. To be able to experience shopping on the website, they can sign up for an account to experience buying. Once registered, users can see the products that the admin has added or updated to the website through the admin interface. Users can click to add to the cart the items they feel like. Then, these items will be in the shopping cart, users can click on the cart to check the products. If they want to buy those products, they will click on the payment and fill in the payment information in the payment interface, users can use online payment by choosing online payment and entering bank information. they will pay. They will be able to review item information and item value before choosing to complete payment then. After you click to complete the payment, the product will be in the queue.

In this project, I have always wanted to develop a successful clothing website application using ASP.NET Core 3.1

2 Objectives

3.1. Knowledge of sales site application.
3.1.1. Find out information about outstanding website applications today.
3.1.2. Outline of the subject matter of sales site application.
3.1.3. Evaluate and select the appropriate model for the system.

3.2. Knowledge of ASP.NET Core 3.1
3.2.1. Understand ASP.NET Core 3.1 application models and definitions
3.2.2. Learn the essentials in developing systems with ASP.NET Core 3.1
3.2.3. Learn how to use ASP.NET Core in combination with other technologies to make the system more stable and modern.

3.3. Knowledge of ReactJS
3.3.1. General learning about ReactJS
3.3.2. Learn the virtues of making website apps stable and simple to the user.
3.3.3. Interface reviews and improvements for simplicity.

3.4. Execution of sales site application.
3.4.1. Survey, analyse, and give ideas for system development.
3.4.2. Design functions for a clothing selling system
3.4.3. UI design in conjunction with ReactJS
3.4.4. Execute the system
3.4.5. Test and fix errors if detected in the system

3 Legal, Social, Ethical, and Professional

Legal:
➢ ASP.NET Core is a free and open-source framework for everyone.
➢ Greenwich University will keep a copy of the system.
➢ The materials used in the project are free and legal.

Social:
➢ The system does not contain content and images related to issues such as social evils.

Ethical:
➢ This project is my creation.
➢ I do not take any action of copying or plagiarizing or other's project.

Professional:
➢ Respect and value alternative opinions that I use in the system.
➢ Not arbitrarily or freely allow anyone to disclose confidential information to third parties or use it for personal use.
➢ Avoid conflict or conflict with high-level authorities.

(Trustee Board Regulations Schedule 3 v4, 2011)

4 Planning (see appendix A)

A project planner in excel format is used to track the process of the project.

5 Initial References

Emerald.com. 2021. Web usage, advertising, and shopping: relationship patterns | Emerald Insight. [online] Available at: <https://www.emerald.com/insight/content/doi/10.1108/10662240210422549/full/html> [Accessed 10 April 2021].

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Pubsonline.informs.org. 2021. A Theoretical Approach to Web Design in E-Commerce: A Belief Reinforcement Model | Management Science. [online] Available at: <https://pubsonline.informs.org/doi/abs/10.1287/mnsc.1050.0427> [Accessed 10 April 2021].

Google Books. 2021. Research-based Web Design & Usability Guidelines. [online] Available at: <https://books.google.com.vn/books?hl=en&lr=&id=-OTKCoiPGS8C&oi=fnd&pg=PA22&dq=web+design+sales&ots=yqBcr7c_ws&sig=jtuticVoXzJtx1_gl0bOOsbfKCA&redir_esc=y#v=onepage&q=web%20design%20sales&f=false> [Accessed 10 April 2021].

2021. [online] Available at: <https://www.jstor.org/stable/41703501?seq=1> [Accessed 10 April 2021].

Dl.acm.org. 2021. *When Fashion Meets Big Data | Proceedings of the 26th International Conference on World Wide Web Companion.* [online] Available at: <https://dl.acm.org/doi/abs/10.1145/3041021.3054141> [Accessed 10 April 2021].

APPENDIX A - SCHEDULE OF WORK

PROJECT PLANNING

Project Lead: Vo Thi Quynh Nhu

| Project Start: | Mon, 1/25/2021 |
| Display Week: | 1 |

TASK	Plan duration(Days)	START	END
Project Proposal			
Discuss proposal with supervisor	2	1/25/21	1/26/21
Write project proposal	4	1/26/21	1/29/21
Upload project proposal	2	1/29/21	1/30/21
Discuss proposal with Suprvisor	3	1/30/21	2/1/21
Revise project proposal	4	2/2/21	2/5/21
Upload revised project proposal	3	2/5/21	2/7/21
Initial Report			
Find out information about outstanding website applications today.	3	2/7/21	2/9/21
Outline of the subject matter of sales site application.	5	2/9/21	2/13/21
Evaluate and select the appropriate model for the system.	1	2/13/21	2/13/21
Understand ASP.NET Core 3.1 application models and definitions	3	2/13/21	2/15/21
Learn the essentials in developing systems with ASP.NET Core 3.1	4	2/15/21	2/18/21
Learn how to use ASP.NET Core in combination with other technologies to make the system more stable and modern.	3	2/18/21	2/20/21
General learning about ReactJS	3	2/20/21	2/22/21
Learn the virtues of making website apps stable and simple to the user.	4	2/22/21	2/25/21
Interface reviews and improvements for simplicity.	2	2/25/21	2/26/21
Product Development			
Survey, analyse, and give ideas for system development.	3	2/26/21	2/28/21
Design functions for a clothing selling system	2	2/28/21	3/1/21
UI design in conjunction with ReactJS	2	3/1/21	3/2/21
Execute the system	4	3/2/21	3/5/21
Test and fix errors if detected in the system	3	3/5/21	3/7/21
Interim Report			
Prepare interim report	3	3/7/21	3/9/21
Upload interim report	2	3/9/21	3/10/21
Final report			
Prepare final report	3	3/10/21	3/12/21
Upload final report	2	3/12/21	3/13/21
Project Demonstration			
Prepare For demonstration	3	3/13/21	3/15/21