Undergraduate Final Year Project Proposal

Footwear sales system development

Bachelor of Science with Honours in Computing

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1 Overview

Nowadays, because of shopping demand from users is increasingly high. At the same time, people want to limit their movement to shopping malls or fashion stores, but they can still shop for what they want. Thanks to the development of technology such as electronic devices such as smartphones, computers, tablets, etc. So I will develop a shoe website for a shoe store. The system will help those who have shopping needs by accessing the website's address with a smartphone. Thanks to that, they can buy shoes right at their house or anywhere. Besides, the system also helps the store increase its revenue a lot because the number of potential customers randomly appears on Google. The system will be created using ASP.NET Core 3.1 framework. Thanks to it, the system's website can operate on multiple platforms. Besides, it helps to make the system stricter, reduce service, improve performance and reduce costs.

In this project, I will analyse in detail the capabilities of ASP.NET Core 5.0 in creating a website that sells shoes. Secondly, I will learn more about CSS's bootstrap framework about its support for the system interface is simple, beautiful, and easy for the user to use the system. Besides, it also helps the system with a beautiful interface to work on multiple devices. Third, I will detail the process of creating a website along with other technologies included in my research. Finally, I will do a review to check if my product is in line with my goals.

I planned to launch a shoe website to promote the brand of shoes that we have in the business. In the shoe sale website will show all the products that my facility currently has on the front end. The admin interface will be the place where I manage the products. For the admin home page to ensure security, I will have my own path and need a separate account with admin rights to be allowed to log in to the admin homepage. In addition, to be able to develop a stronger website for management when our customer base increases, I need more admin page managers, I will be able to assign rankings to them to manage. admin home page. In the admin page, I can add, edit, and delete user account information and assign permissions to these accounts. Product information such as product name, quantity remaining in stock, product price, product category is also managed by admin, admin can add, edit and delete information. Once the products are updated through the admin interface, the user's home page will also be updated for those products. Users can see the store's featured products. they can search for the products they need or sign up for an account to experience a purchase on the site. When the user clicks to add the products they like on the home page to the user. If they want to purchase the products they have chosen, simply click on the payment option and enter their address and contact information to have them shipped. And if they want to pay online then they can fill in their bank information, users can review their payment

details before making a payment. Once payment is clicked, the product will be in the delivery queue.

2 Aim

The project is designed to give the store an online system, as users can use their smart devices to buy products they like anywhere.

3 Objectives

3.1. Knowledge of web app.
3.1.1. Find out the definition, types, and basic programming concepts of website app
3.1.2. Learn about site structure and application features
3.1.3. Evaluation of site application models

3.2. Investigation of ASP.NET Core 3.1
3.2.1. Learn and learn about ASP.NET Core 3.1
3.2.2. Learn about the models used in ASP.NET Core 3.1
3.2.3. Rate and choose the most appropriate model for your website application
3.2.4. Learn about ASP.NET Core website development in combination with various services.

3.3. Evaluate Bootstrap usage in system UI
3.3.1. General understanding of Bootstrap
3.3.2. Learn Bootstrap features needed for the system
3.3.3. Look for features that make website apps work well across devices.

3.4. Enforcement of a shoe selling website
3.4.1. Analyse customers and come up with ideas
3.4.2. Design functions for the system
3.4.3. Design of website sales application interface
3.4.4. Execute the site application
3.4.5. Testing and fix website errors.

4 Legal, Social, Ethical, and Professional

Legal:

ASP.NET Core is a source code web framework
The materials used in my projects are either legal or free
A copy of this website application belongs to me and Greenwich University

Social:

The website application will not appear any content related to social evils.

Ethical:

This is my project.
I do not have any project plagiarism acts of others.

Professional:

Not allowed to disclose or allow anyone to disclose to bring third parties, confidential information. Unless permitted by the University of Greenwich or the law.
Respect alternative perspectives, and seek and accept the ones that I offer.
The conflict between me and the authorities should be avoided. (Trustee Board Regulations Schedule 3 v4, 2011)

5 Planning (see appendix A)

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

6 Initial References

Google Books. 2021. Principles of Web Design: The Web Technologies Series. [online] Available at: <https://books.google.com.vn/books?hl=en&lr=&id=1cgIAAAAQBAJ&oi=fnd&pg=PR5&dq=web+design+sales&ots=05881YXThr&sig=ETWZ7na0pAVRbTv9IDhjN03blh0&redir_esc=y#v=onepage&q=web%20design%20sales&f=false> [Accessed 10 April 2021].

Wi2.uni-trier.de. 2021. [online] Available at: <http://www.wi2.uni-trier.de/shared/publications/1999_cunninghambergmann.pdf> [Accessed 10 April 2021].

SAGE Journals. 2021. Selling Project Management to Senior Executives: The Case for Avoiding Crisis Sales - Janice Thomas, Connie L. Delisle, Kam Jugdev, Pamela Buckle, 2002. [online] Available at: <https://journals.sagepub.com/doi/abs/10.1177/875697280203300204> [Accessed 10 April 2021].

Google Books. 2021. Professional ASP.NET MVC 4. [online] Available at: <https://books.google.com.vn/books?hl=en&lr=&id=ZscWT8HzDVAC&oi=fnd&pg=PR27&dq=create+website+by+asp.net&ots=GuzB1wYKlV&sig=Ym0DcRpltgDykjFhAhFx_RqGGjw&redir_esc=y#v=onepage&q=create%20website%20by%20asp.net&f=false> [Accessed 10 April 2021].

Taylor & Francis. 2021. A Proposal to Assess the Service Quality of Online Travel Agencies: An Exploratory Study. [online] Available at: <https://www.tandfonline.com/doi/abs/10.1300/j090v21n01_05> [Accessed 10 April 2021].

APPENDIX A - SCHEDULE OF WORK

Project Planner

Period Highlight: 1

Legend: Plan Duration | Actual Start | % Complete | Actual (beyond plan) | % Complete (beyond plan)

ACTIVITY	PLAN START	PLAN DURATION	ACTUAL START	PERCENT COMPLETE
Project Proposal	1/21/2021	31	1	100%
Discuss with your supervisor	1/21/2021	2	1	100%
Write proposal	1/24/2021	8	3	100%
Upload proposal	2/2/2021	6	11	100%
Discuss with your supervisor	2/9/2021	2	17	100%
Revise project proposal	2/12/2021	7	19	100%
Upload revised project proposal	2/20/2021	6	26	100%
Initial Report	2/21/2021	28	27	89%
Find out more about some of the best website apps available right now.	2/21/2021	1	27	100%
An overview of the topic of the sales site submission.	2/23/2021	4	28	100%
Evaluate the structure and choose the best model for it.	2/28/2021	1	32	100%
Understand the program models and concepts in ASP.NET Core 3.1.	3/2/2021	6	33	97%
I will learn the principles of developing a sales website system with asp.net core	3/9/2021	5	39	97%
Learn how to use ASP.NET Core in combination with other technologies to	3/15/2021	1	44	100%
General learning about ReactJS	3/17/2021	5	45	100%
Learn the virtues of making website apps stable and simple to the user.	3/23/2021	2	50	97%
Interface reviews and improvements for simplicity.	3/26/2021	2	52	100%
Product Development	3/21/2021	214	55	91%
Survey, analyse, and give ideas for system development.	3/21/2021	30	55	90%
Design functions for a clothing selling system	4/21/2021	74	85	90%
UI design in conjunction with ReactJS	7/5/2021	70	159	97%
Execute the system	9/14/2021	10	229	96%
Test and fix errors if detected in the system	9/25/2021	30	239	80%
Interim Report	10/21/2021	11	240	94%
Prepare interim report	10/21/2021	10	240	90%
Upload interim report	11/1/2021	1	250	98%
Final report	11/1/2021	9	251	95%
Prepare final report	11/1/2021	8	251	90%
Upload final report	11/10/2021	1	259	100%
Project Demonstration	11/10/2021	11	260	90%
Prepare For demonstration	11/10/2021	11	260	90%