INTERNSHIP REPORT ON WEBSITE DEVELOPMENT

(ApnaChoice.com)



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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering.

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ABSTRACT

WEBSITE DEVELOPMENT was the main objective of this internship. To develop a web based application or software there are several programming languages that are in use. Some of them are only used for the frontend and backend design of the software. For examples HTML, CSS, Bootstrap Framework etc. There are also some other programming languages that are used to develop the dynamic functions of the software or application. For example-PHP, Java etc. Nowadays there are also some framework's that use vastly. Frameworks are basically structured programming by using Model, View, and Controller. It is also called as MVC. If we develop web based application that is very useful for us because we can access it from anywhere of the world. It is very helpful for our daily life. That is why I choose subject of my report is "WEBSITE DEVELOPMENT". Working in Technex IIT BHU Varanasi added huge experiences in my upcoming career. Solving real life problems was another key issue. This report takes us through all the details of WEBSITE DEVELOPMENT knowledge and experience gathered during this internship period.

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CHAPTER

1.1 Introduction

PHP was developed by Ramus Ledford. It is a freeware. It is also a weakly typed, free from language. PHP has since evolved into a powerful server-side markup language with syntax that resembles a mix between Perl and C. PHP is a server-side scripting language designed specifically for the web. Within an HTML page, we can embed PHP code that will be executed each time the page is visited.HTML generate the web page with the static text and images. However, the need evolved for dynamic web base usage. These dynamic usages are facilities by PHP [1].

Other tasks that PHP is especially good at are database access, disk access, networking and text manipulation. PHP is an excellent alternative to such similar programming solutions as Microsoft's proprietary scripting engine ASP and Allayer's rather expensive Cold fusion. As mentioned before, PHP is a cross-platform language.

Finally, PHP is easy. If you know C or Perl, learning PHP is a cinch. The language is a mix between the two, taking the best features from both. Plus, PHP adds features to solve common problems that programmers often encounter when programming for the web.

1.2 Objectives

The objective of the web development is to handle the entire activity of a website. The software keeps track of all the information about the entire website. The system contains database where all the information will be stored safely.

1.2.1 To save the time and resources

The website system will take less time in entering the data, processing it and getting its output. Fewer resources will be used as no large registers, files, ledgers, pens; correctors will be needed or used.

1.2.2 To reduce the number of workers

After the system will be computerized only a single computer operator will be needed to operate the system while now more than one workers work in the system.

1.2.3 To reduce the space being used

Every data will be stored in the computer memory whereas now it is stored in registers and files which then stored in bookshelves or cupboards and they need a large space.

1.2.4 To reduce the work load

As the new system will be computerized, the database will be automatically updated at the time of entry. Everything will be done automatically just by clicking few buttons. There will be no need to maintain any files or registers.

1.2.5 To make it easy to search any record

It will be much easier to find particular record rather than opening such huge files and finding a single record from them.

1.2.6 To edit records and update the database easily

Records will be easily edited and the database will easily be updated at the time of entering a record.

1.2.7 To make the system user friendly

The system will be much more easy to use and the operator will feel no difficulty.

1.2 Internship Goals

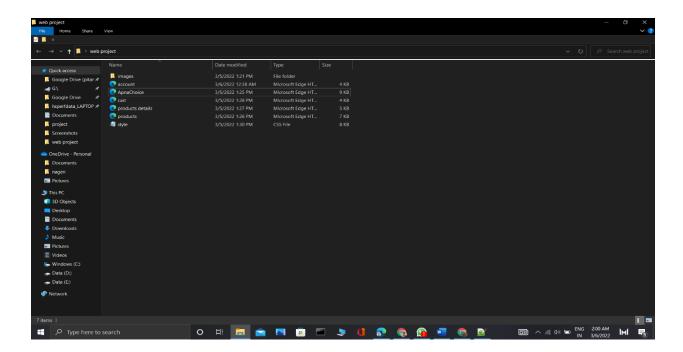
Assessment Continue to string then the culture of continuous improvement through ongoing assessment of web development. Infrastructure Provide physical and digital infrastructure that advance research and education. Information Develop information resources and services that support research, education, and healthcare at Dartmouth. Publishing Build collaborations to support faculty, graduate, and undergraduate student scholarly publishing. Learning Teach members of the Dartmouth community to be effective users and producers of information to meet their current academic needs and prepare them for a lifetime of learning and of responsible leadership. Institutional collaboration provides leadership and support for college initiatives and priorities.

Project Summary

In this Project i make a e-commerce website for online fashion shopping name as ApnaChoice. This website is consists of HTML, CSS, BOOTSTRAP, JS, PHP and MySQL code. The HTML, CSS and BOOTSTRAP part of the code decides how the website looks, while the JS and MySQL parts decides how it functions.

The six main pages that I have designed for the website are:

- ApnaChoice.html
- products.html
- product details.html
- cart.html
- account.html
- style.css

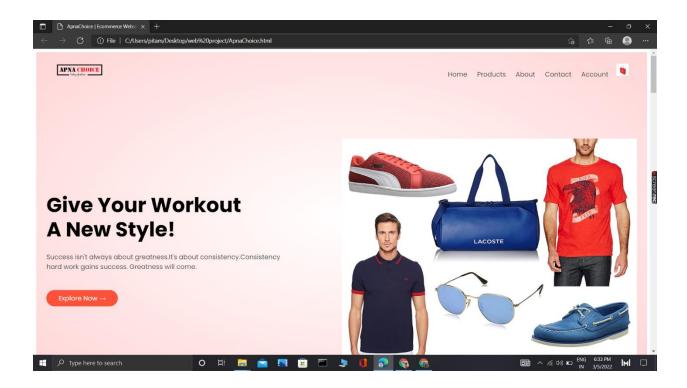


Using Web Development Project

Templates A website template (or web template) is a pre-designed webpage, or set of HTML web pages that anyone can use to "plug-in" their own text content and images into to create a website. Usually built with HTML and CSS code, website templates allow anyone to setup a website without having to hire a professional web developer or designer, although, many developers do use website templates to create sites for their clients. This allows anyone to build a reasonably priced personal or business website that can then be listed in search engines so users can search for your specific product or service.

In the case of All website templates, each design we offer is a self-contained (or standalone) downloadable complete website that you can use to "plug-in" your text and image content with little, or no, editing of the layout or design elements [7]. A web design template or a website design template is a template which is in most cases used to present some information in the Internet. A web design template is a catchall name for several types of templates like: — HTML templates — website design templates represented with HTML code only — PSD templates — templates which contain only .psd files, graphics only, with no code — Flash templates — website design templates developed with Flash — Flash intro templates — templates of an intro clip, developed with Flash only, used to represent a company or/and a project. (The following figure shown in figure no: 1)

The list above contains the main categories of templates associated with website design templates. There are some others, which, due to their specific usage, are not so popular: FrontPage templates, Dreamweaver templates, etc.



(Figure no: 1: Web design template)

Performed Tasks

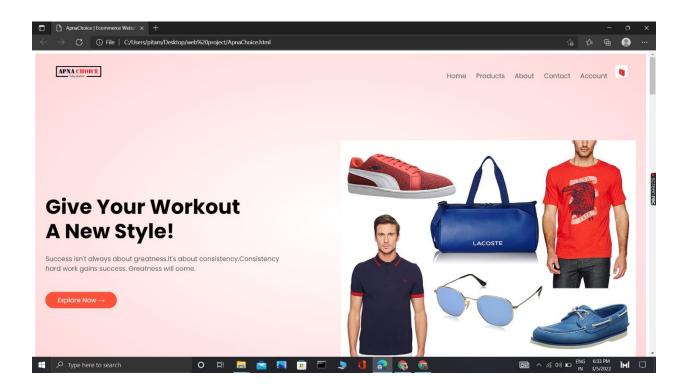
Project name is Design and Implementation of E-Commerce Site for Online Shopping. An online store is a virtual store on the Internet where customers can browse the catalog and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the transaction. Usually, the customer will be asked to fill or select a billing address, a shipping address, a shipping option, and payment information such as credit card number. An e-mail notification is sent to the customer as soon as the order is placed [4].

Web Pages details

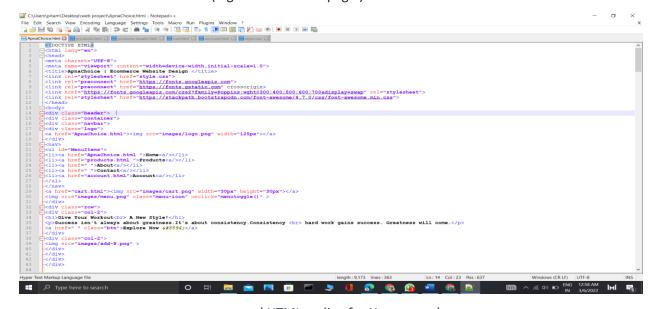
- 1. Home Page
- 2. About Us Page
- 3. Product Page
- 4. Contact Us Page
- 5. Admin Page
- 6. Login Page and Register Page

Home Page:

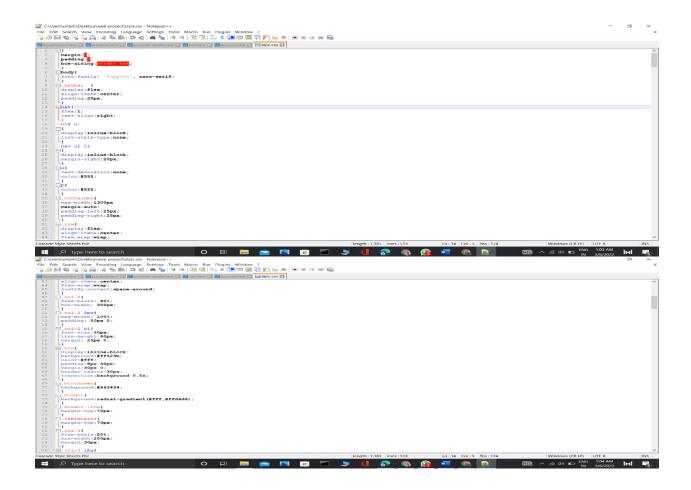
Home Screen will consist of screen were one can browse through the products which we have on our website. The following figure shown in figure no: 2.



(figure no:2:Home page)



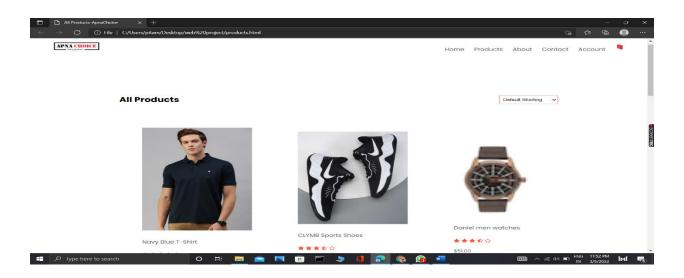
(HTML coding for Home page)



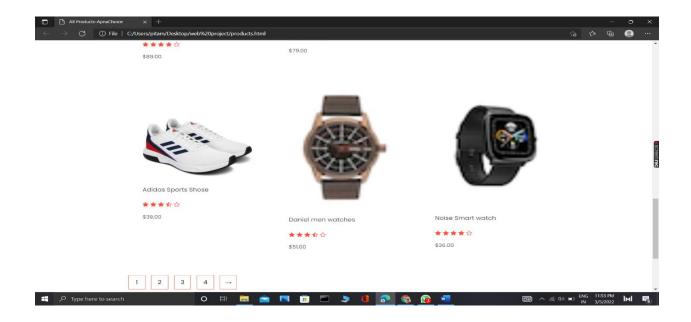
(CSS coding for Home page)

Product Page:

This page consists of product details. This page appears same for both visitors and users. The following figure shown in figure no:3.1 and 3.2.



(figure no:3.1:product page)



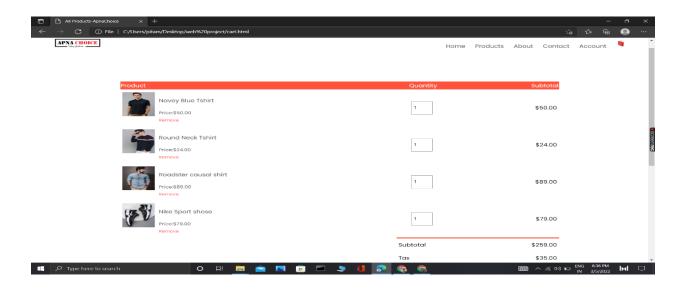
(figure no:3.2:product page)



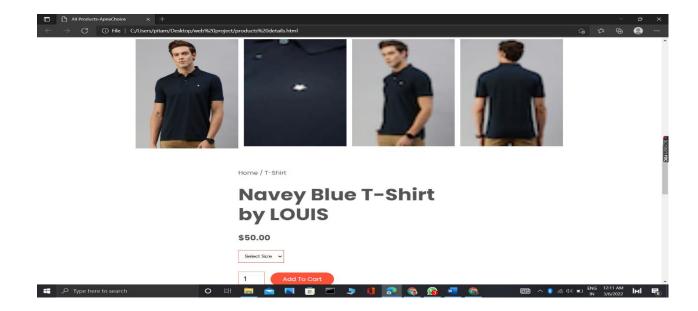
(CSS for Product page)

Order Us Page:

Registered users can order desired products from here. The following figure shown in figure no:4



(figure no:4:Cart page)



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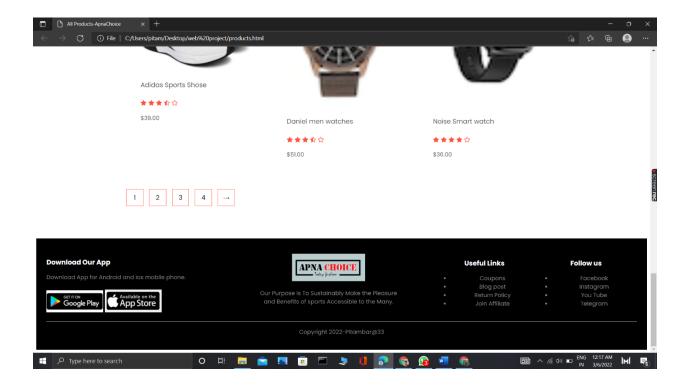
(HTML coding for order or cart page)

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| Continue to the continue to
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(CSS coding for cart page)

Contact Us Page:

Visitors and Registered users can contact website owners or administrators from here. The following figure shown in figure no.5



(figure no:5:Contact page)

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(HTML Coding of contact us page)

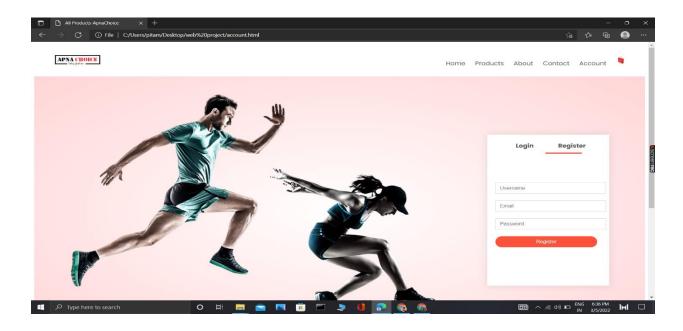
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| color:#84848a;
| footer h3(
| color:#fff;
| margin-bottom:10px;
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| min-width:250px;
| margin-bottom:10px;
| footer-col-2'
        flex:1;
text-align:center;
       .footer-col-2 img{
width:180px;
margin-buttom:20px;
       | flooter-col-3, .footer-col-4{
| flex-basis:12*;
| text-align:center;
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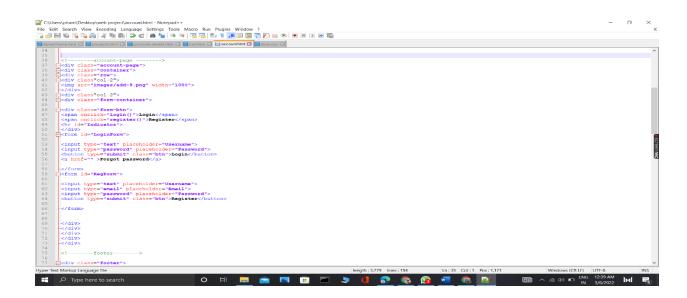
(CSS coding of contact us page)

Login and Register Page:

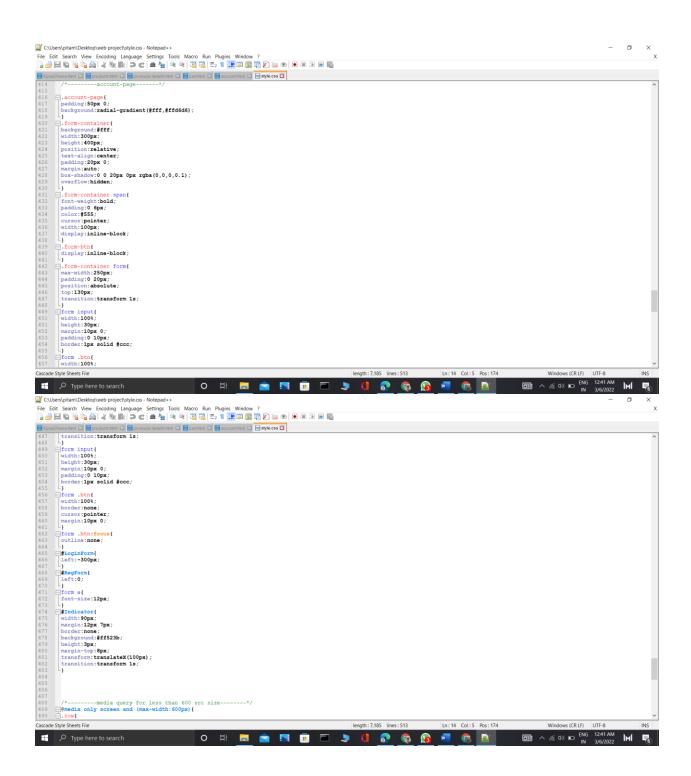
Login page for both users and administrators. New users can register here. The following figure shown in figure no:6.



(figure no:6:Login and Register)



(HTML coding of account page)



(CSS Coding for account page)

REFERENCE

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