

Online Shopping Website

Synopsis

Department of Computer Engineering & Application

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Acknowledgement

It gives us a great sense of pleasure to present the synopsis of the mini project (Online Shopping Website) undertaken during B.Tech. CS IIIrd Year, this project itself is going to be acknowledgement of the inspiration. Drive and technical assistance will be contributed to it by many individuals. We owe special debt of gratitude to Mr. Pankaj Kapoor (Assistant Professor, Department of CEA) for providing us with an encouraging platform to develop this project which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work. His sincerity, thoroughness and perseverance is being a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & would also teach us about the latest industry-oriented technologies. We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation.

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Introduction

E-Web-store is an online shopping website which will be mainly used for the selling of electronic gadgets (i.e, variety of smartphones,etc.) .This e-commerce website shows many categories and types of electronic gadgets to choose from.In this application,as soon as the user enters the website ,he will see the items of the store.The index page is divided into three parts namely, login page ,signup page,aboutus page and contactus page. Information, My Account and Contact Us are text but beneath them all are links except the number below the contact us. Login link below the My Account will again trigger the modal. Each user on the website will be uniquely identified by his email id, so we must ensure that no two users have the same email ids. This project has been developed using PHP (Hypertext Preprocessor), and MySQL (Structured Query Language) as well as jQuery. For formatting we have used HTML (Hypertext Markup Language), Bootstrap and CSS(Cascading Style Sheet).

Objectives

The main objectives are:

- 1- The landing page of the website should contain the login page, signup page and Contact page that must trigger the modal whenever the user clicks on the link.
- 2- The web page must show the various items and their respective product names along with their prices. The add to cart option under each product will allow the user to select multiple items for purchase.
- 3- We will use an encryption technique in which once the user's input is validated, the data entered by him is accepted and stored in a database (MySQL is used for this purpose).
- 4- One additional feature is that unless the user is logged in, he cannot go to the home page, the confirm page, the success page or the settings page. When he/she isn't logged in and he tries to navigate to the above pages, he/she is redirected to the index page of the website.
- 5- The Change password form in the settings page will use form injection to reduce security threats in case the user enters the incorrect 'Old Password' for the form validation.
- 6- The success page informs the user that his/her order has been accepted and his items would be delivered shortly. Also, there is a link to the home page where the user can purchase more items.

Working Methodology

Project Research

The research and planning stage are arguably the most important because we decide here and set the road ahead for entire project. First off, we understand the process that how e-c ommercial website works for which we are creating Online shopping Website and generate ideas for how the site should look and function.

Website Design

Next comes the fun part. Making sure how our project should look like. Also giving users an enhanced experience of online shopping.

Testing

Now comes the main part, we divide this part into following ,frontend and backend.

Limitations

- In case of offline shopping, sales assistants shower personal attention on customers and give complete details on the product. If you have any queries, you can ask right there. But, this does not happen in the case of online shopping.
- The sad part of online shopping is, you cannot touch the product and feel how it is. You can just see the image and read the description.
- There is an option to return the product, if you do not like it. But again, it is a big headache. The return policy differs from one company to other. In case of some online shopping portals, customers have to bear the cost of returning the product.

Requirements

i- Hardware Requirements(Minimum):

i5 processor-based computer DDR3 8GB RAM
10 GB Hard Disk Space

ii- Software Requirements(Minimum):

Windows 10/MacOS/Linux
GIT
Notepad++
Xampp

Technology Used

i- HTML,CSS
ii- Bootstrap
iii- PHP
IV- MySQL
V- jQuery

Conclusion

Online Shopping Website is an online shopping application which will be mainly used for the selling of electronic gadgets. The index page is divided into three parts namely, login page, signup page, about us page and contact us page. Information, My Account and Contact Us are text but beneath them all are links except the number below the contact us. Login link below the My Account will again trigger the modal. Each user on the website will be uniquely identified by his email id, so we must ensure that no two users have the same email ids.

Contribution Summary

This project is divided into two major segments namely, frontend and backend. Frontend was done by Sonal Singh and backend was done by Bharti Sharma.

Github Repository link : <https://github.com/sonalsingh19/Online-Shopping-project->

References

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