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## Online Complete Shopping Store for Cosmetics

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**Abstract** The project aims are to design, build and implement an e-commerce website to end traditional commercial transactions. This project enables users to access the site through the Internet using many applications such as a personal computer, Smartphone or I Pad to buy any of the cosmetics available at any time. Any place where you do not attend to the electronic body promoting the products, which provides a shortcut for timing, cost and transport.

**Keywords** E-commerce, web site, cosmetics, online, shopping

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### Introduction

E-commerce focuses to an extensive variety of online business activities for services and items [1]. Ecommerce is regularly connected with selling and purchasing on the Internet, or doing any exchange including the exchange of ownership or rights to use services or products through a computer-mediated network [2] and additionally Some companies have online client services accessible 24 hours. Hence, even after business hours, clients can inquire questions, get necessary help or help, which has given convenience to consumers [3]. Online shopping can be anywhere and anytime, it make consumers' life easier because they don't have to stuck in the activity, search for parking space, hold up in checkout lines or be in swarm in store [4]. Online trust is one of the most basic issues that affect the success or failure of online retailers [5]. Security is the challenge and the fundamental problem for successful ecommerce implementation, as stated by numerous researchers. However, there is wide agreement between academic researchers that security isn't just a technical challenge, rather it involves managerial and human dimensions to be more effective [6]. A Website comprises of numberless pages that present data on any subject also, linked together with hyperlinks, that is the essential some portion of the website.. Website design tools are a combination of markup language and scripting languages. The languages that have been used in the design of the website are Cascading Style Sheets (CSS), Hyper Text Markup Language (HTML), Personal Home Page( PHP) and My Standard Query Language (MYSQL) [7].

E-Commerce: The first e-commerce model was proposed and built in the 1970s, which was long before the extensive use of the Internet. It was created in student laboratories of Stanford University and Massachusetts Institute of Technology. In the following half century, various e-commerce models are proposed, tested, and implemented .The e-commerce business has been growing since its creation. Many consider “the beginning” to be the founding of eBay and Amazon in 1994. Over the years, sales have continuously increased. In 2016, E-commerce sales in the U.S. were at \$322 billion approximately. According to statistics portal, sales are projected to continue to increase by 50 percent over the next five years [8].



**Materials and Methods**

The languages that have been used in the design of the website are java script, PHP, HTML, CSS and MYSQL. Also some ready-made scripts had included in the implementation process from the internet. In addition, the web design, editing, and development applications called, front page and 'Dreamweaver' has been used. In addition, the graphics editing programs called ' karita ', 'Photo plus', 'Photoshop' and 'Paint' has been utilizes. The input data process includes gathering all the required information about online E-commerce for products cosmetics, composing the required needs and setting up every vital asset to assemble the site. The website consist of many pages and the home page, which includes logo Informatics Institute for Postgraduate Studies (IIPS), and which is accessible to several sub-pages that contain all basic information about product , All users access to this information, except to the control panel where it can be just to the site manager of the accessible through enter a user name and password, See Figure (1)

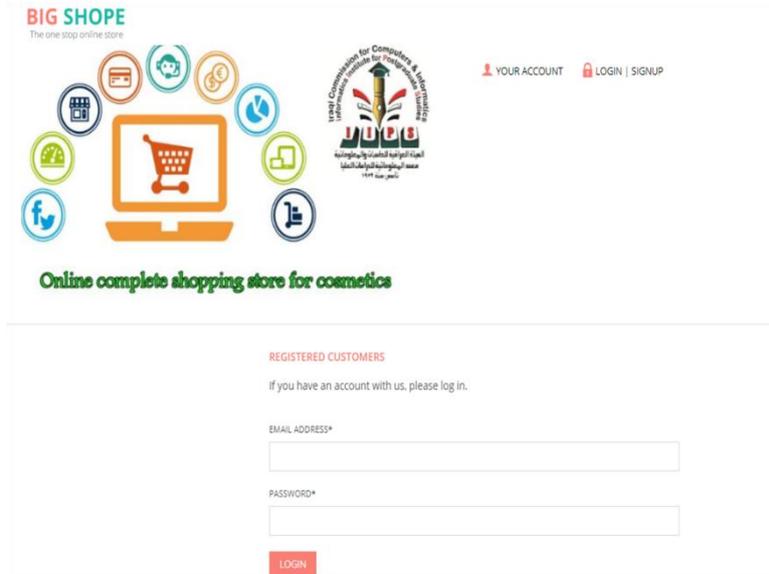


Figure 1: Page Login Home

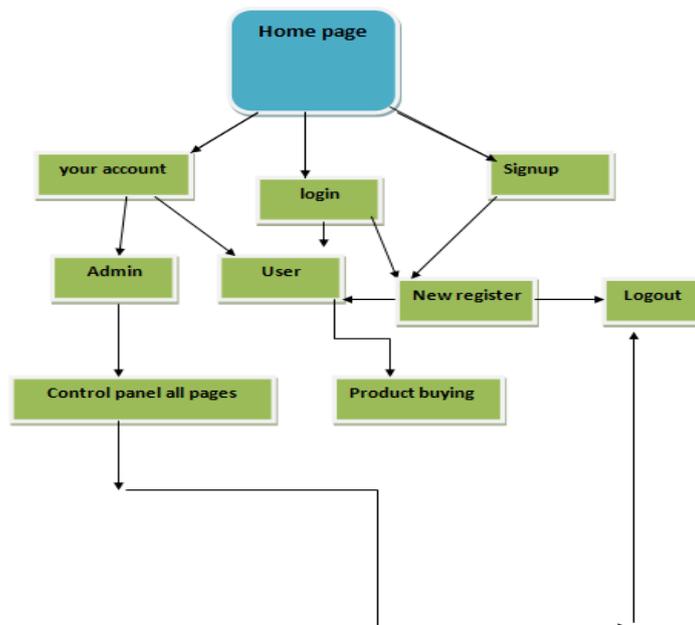
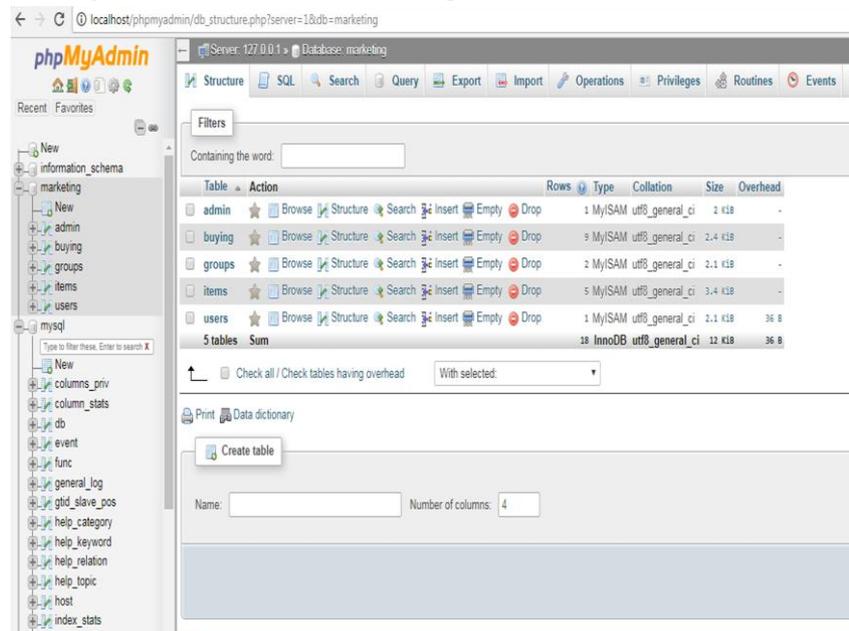


Figure 2: The General Diagram website

The database name 'marketing' contain many tables, it must be a connection between the client and the server , the names for columns and types are places as shown in figure [3]. that marketing data base consist of five tables, the first tables for the admin, second table for requests of customers to products buying, the third table for (group) Product categories ,the fourth table for (item) products, the fifth table for user.



The screenshot shows the phpMyAdmin interface for a database named 'marketing'. The left sidebar shows the database structure tree with 'marketing' selected. The main area displays a table structure view for the 'marketing' database. The table structure is as follows:

Table	Action	Rows	Type	Collation	Size	Overhead
admin	Browse Structure Search Insert Empty Drop	1	MyISAM	utf8_general_ci	2 K1B	-
buying	Browse Structure Search Insert Empty Drop	9	MyISAM	utf8_general_ci	2.4 K1B	-
groups	Browse Structure Search Insert Empty Drop	2	MyISAM	utf8_general_ci	2.1 K1B	-
items	Browse Structure Search Insert Empty Drop	5	MyISAM	utf8_general_ci	3.4 K1B	-
users	Browse Structure Search Insert Empty Drop	1	MyISAM	utf8_general_ci	2.1 K1B	36 B
<b>5 tables</b>	<b>Sum</b>		<b>InnoDB</b>	<b>utf8_general_ci</b>	<b>12 K1B</b>	<b>36 B</b>

Figure 3: The Data base website

## Results & Discussion

The application of electronic systems (website) in the business of cosmetics that the customer is looking for can be easily purchased by purchasing it through the site and within a short time and cost. admin page :Control panel all the pages from the add , manage group user and item, add group page the page consist of name of group and image, add item page the page consist of item name ,price in dollar for product ,description for product , select group for item and select image for item product , The manage users is a control to add new admin and give some privileges on the site and log out This link allows the administrator page from the sign out of account and return to home page, See Figure (4).

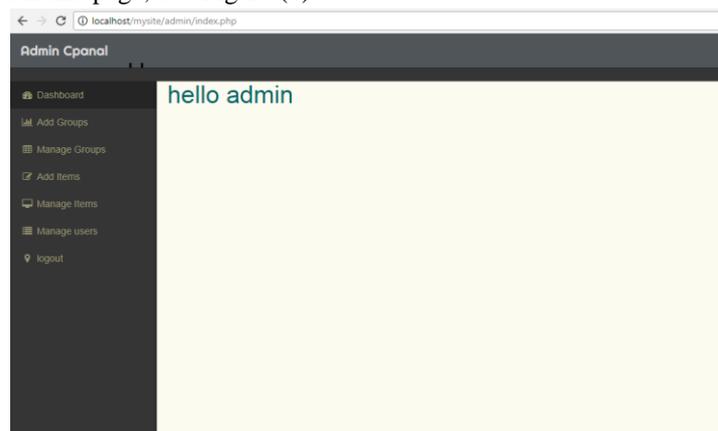


Figure 4: The admin page

The buy page : The customer can not purchase from the site until the registration process is complete (name and email, password of the registration page) and does not show the window of the purchase and be ready to display only as shown below in Figure (5),The buyer can choose the product and complete the payment and purchase process for the site. Either In case of customer registration, a special purchase window will appear for



each product offered for sale, the buyer can choose the product and complete the payment and purchase process for the site, See Figure(6).

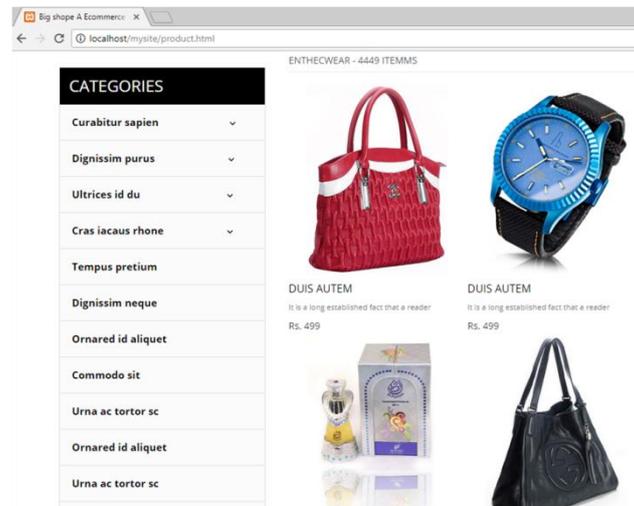


Figure 5: View user buy page before registration

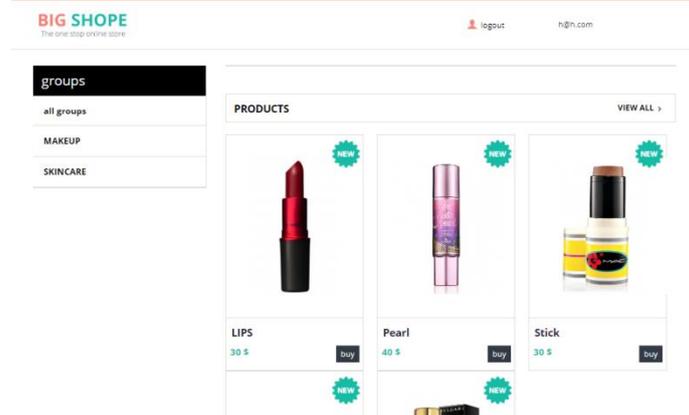


Figure 6: View user buy page after registration

## Conclusion

The fundamental goal of an Electronic Commerce website is to sell goods and services online.

This site deals with developing Online an e-commerce website for cosmetics Sale. It provides the user with details of various products available for buy in the site. The system is implemented using many web programming languages that are Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), PHP and My SQL languages. HTML is a language used to create and design Web pages. CSS allows you to create control and looking appearance of content in web pages. And the second language in this project is PHP; it is PHP is a server scripting language and a powerful tool for making interactive and dynamic Web pages. And another language in my research is My SQL. It is language a database system that runs on a server .This system has been designed to enable customers to shop for cosmetics online easily and in short time and through any intelligent device without having to attend the client to the place of the seller. And the implementation of this design by using (local server ) XAMPP.

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### References

- [1]. Rosen, A.: 'The E-commerce Question and Answer Book USA: American Management Association, 2000.
- [2]. Thomas, L.: Mesenbourg, Measuring Electronic Business: Definitions, Underlying Concepts, and Measurement Plans,, 2000.
- [3]. Hermes, N.: 'Fiscal decentralisation in developing countries, Review of medium\_ being\_reviewed title\_of\_work\_reviewed\_in\_ italics. De Economist, Vol. 148, No. 5:690-692, 2000.
- [4]. Childers, T.L., Carr, C.L., Peck, J. and Carson, S.: 'Hedonic and utilitarian motivations for online retail shopping behavior, Journal of Retailing, vol. 77, no. 4, pp.511-535, 2001.
- [5]. Prasad, C. and Aryasri, A Determinants of shopper behavior in etailing: An empirical analysis,, Paradigm, vol. 13, no. 1, pp.73-83, 2009.
- [6]. Sharma , A. and Yurcik ,W.: A study of e-filinr tax websites contrasting security techniques versus security perception, proceedings of the Tenth Americas conference on information system , New york , 2004.
- [7]. Deitel, H.M., Deitel, P.J.and Nieto,T.R.: 'Internet and World Wide Web How to program, , Second addition, Prentice Hall, 2002.
- [8]. YU, Ligu. E-Commerce Models, Players, and Its Future. In: Encyclopedia of Information Science and Technology, Fourth Edition. IGI Global, 2017. p. 2739-2748.

