



E-Commerce Website (Pharmacy E-Store)

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E-COMMERCE WEBSITE (PHARMACY E-STORE)

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Abstract— Nowadays a website for e-Commerce has given the traditional companies much more opportunities in contacting customers more easily, implementing business to the new market, e-Commerce, increasing the profit, and gaining competitiveness. Even though lots of studies have given efforts to examine website quality factors affecting e-Commerce success and measuring it, there is a lack of scarcity of models for suggesting website development strategy for e-Commerce Success.

The aim of this paper is to design and implement a web-based application of E-Commerce website on Pharmacy stores. The proposed system aims to speed up the process of buying and selling Medicines and Health care products with efficiency. The electronic pharmacy system supports the safety and security. Like in this lockdown and pandemic situation e-commerce helps the citizens around the country because an online shopping system permits a customer to buying and selling online through e-commerce.

Keywords- e-commerce website; website development; Pharmacy; pandemic;

I. INTRODUCTION

WHAT IS E-COMMERCE ?

[1] E-commerce means trading electronically. It means the transaction of goods and services with electronic media and the internet. E-commerce includes doing business with the help of online and using information technology such as Electronic Data Exchange. In Commerce is linked to the website of an online retailer, who sells products or services directly to the customer from the portal. The site uses a digital shopping cart or digital purchase The Basket system

also allows for payment using a credit card, credit card or electronic wallet transfer payments.

The full definition is: E-commerce is the use of electronic and digital communication information processing technology in business collaboration to create, transform, and redefine value-building relationships between or between organizations, and between organizations as well individuals. The main types of e-commerce are: business-to-business; business to the consumer; business-to-government; buyer to buyer; and moving commerce. E-commerce means trading electronically. It means the transaction of goods and services through electronic and internet media. E-commerce involves doing business with the help of the Internet and using information technology such as Electronic Data Exchange. E-Commerce is about the website of an online retailer, who sells products or services directly to a customer from the site. The site uses a digital shopping cart or digital shopping basket system and allows payment by credit card, bank card or electronic wallet transfer payments. The full definition is: E-commerce is the use of electronic and digital communication information processing technology in business collaboration to create, transform, and redefine value-building relationships between or between organizations, and between organizations as well individuals [1](C. Nisha and G. Sangeeta, 2012). The main types of e-commerce are: business-to-business; business to consumer; business-to-government; buyer to buyer; and moving commerce.

II. Literature Survey

[2] The e-pharmacy practices will provide a stepping stone with the growth of online pharmacy in the state. According to P. Kumari and R. Nandal. This research paper discusses various tools and techniques used in the file website development. We also talked about the process is followed on a website, mostly focused on the local host Xampp tool named. Next, we compare different enhancements web application frameworks. In addition, we discuss health cycle

model and web application framework development. In this report, various results of the review papers are included understanding problems can be experienced by users. This paper discusses the technology used in this development, PHP also explained its effect on its performance with Xampp with screenshots. It is hoped that it will provide a useful framework directing process. [2] According to the council's resource paper on Credentialing Pharmacy This article was co-authored by N. Albanese, PharmD, Professor of Clinical Assistant at Buffalo University, School of Pharmacy and Medical Science with Michael J. Rouse, Pharm, MPS, Assistant Director General, Foreign Affairs and Technology News, Pharmacy Education Accreditation Council. This the paper provides a glimpse of the current state of the pharmacy familiarize yourself with the scope of the professional roles and responsibilities, the diversity of the patient's people served, the complexity of the patient services provided, and various aspects of emerging pharmacy practice. Paper focuses on patient care services provided by pharmacists; does not apply to all possible functions of pharmacists, such as administration and general management. This paper analyzes in detail. Not at all has taken a stand against future changes, but is intended to be it serves as the basis for understanding the relationship and alignment between the various authorization mandates as well voluntary evidence and scope of continuity of practice. Essential standards of teaching and self-awareness pharmacists and pharmacists are also summarized shown.

III. E-COMMERCE PURPOSE

This document is meant to delineate the features of The Online Shopping System so as to serve as a guide to the developers on one hand and a software validation document for the prospective client on the other. The Online Shopping System for Pharmacy store web application is intended to provide complete solutions for vendors as well as customers through a single get way using the internet. It will enable customer to browse the product and purchase them online without having to visit the shop physically[3].

The administration module will enable a system administrator to approve and reject requests for new products and maintain various lists of shop category and user accounts.

IV. PROBLEM FORMULATION

The Online Shopping system application enables vendors to set up online shops, customers to browse through the shops, and a system administrator to approve and reject requests for new products and maintain lists of shop categories. Also the developer is designing an online shopping site to manage the items in the shop and also help customers purchase them online without having to visit the shop physically. The online

shopping system will use the internet as the sole method for selling goods to its consumers.

Enterprises can carry out information dissemination, online marketing, provide customer service and directly contract with business partners through the Internet. Because the Internet is open, global and shared, e-commerce gives a huge convenience to people, but also produces a lot of security risks at the same time. These hidden dangers are discouraging people from extensive use of e-commerce website[2].

V. FEASIBILITY ANALYSIS

A commercial database is used for maintaining the database and the application server takes care of the site. In case of a failure, a re-initialization of the program will be done. Also the software design is being done with modularity in mind so that maintainability can be done efficiently[4].

The application is HTML and scripting language based. So The end-user part is fully portable and any system using any web browser should be able to use the features of the system, including any hardware platform that is available or will be available in the future.

An end-user is use this system on any OS; either it is Windows or Linux.

The system shall run on PC, Laptops, etc.

VI. COMPLETE WORK PLAN LAYOUT

This section provides requirement overview of the system. Various functional modules that can be implemented by the system will be -

A. Registration

If customer wants to buy the product then he/she must be registered, unregistered user can't go to the shopping cart.

B. Login

Customer logins to the system by entering valid user id and password for the shopping.

C. Changes to Cart

Changes to cart means the customer after login or registration can make order or cancel order of the product from the shopping cart.

D. Payment

For customer there is now only one option for [3] payment i.e Cash on delivery. Later on other options like credit, debit card, third party payment app like Paytm or Paypal will also be available.

E. Logout

After the payment or surf the product the customer will logged out.

F. Order Confirmation

After all transaction the system can generate the confirmation message of product and will send it on the customer mobile number and Email.

G. Technical Issues

This system will work on client-server architecture. It will require an internet server and which will be able to run PHP application. The system should support some commonly used browser such as IE, Google chrome etc.

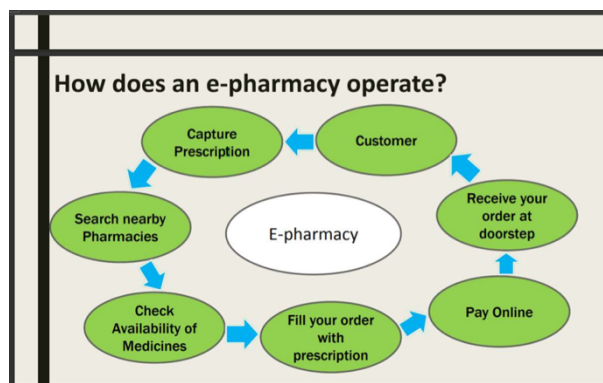
H. Interface Requirement

Various interfaces for the product could be-

- Login Page
- Registration Form[4]
- There will be a screen displaying information about product that the shop having.
- If the customers select the buy button then another screen of shopping cart will be opened.
- After all process the system will send the confirmation message to customer E-mail address.

I. GUI

- Login Page
- Registration Form
- Product Page
- Shopping Cart
- Confirmation



J. Hardware Interface

The System must run over the internet, all the hardware shall require to connect internet will be hardware interface for the system. As for e.g. Modem, WAN – LAN, Ethernet Cross-Cable.

K. Software Interface

The system is on server so it requires the any scripting language like PHP .The system require Data Base also for the store the any transaction of the system like Mysql , phpmyadmin etc. system also require DNS(domain name space) for the naming on the internet. At the last user need web browser for interact with the system.

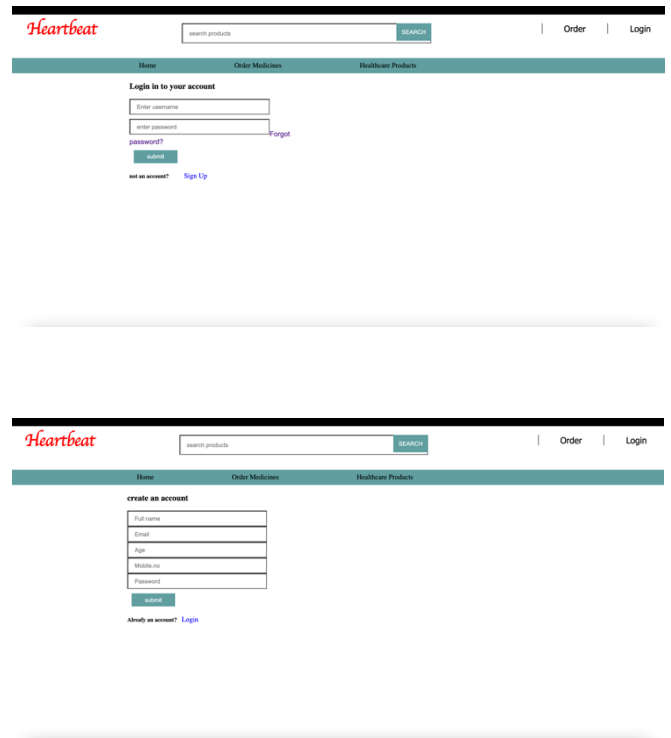
The customer wants to buy item. The system shows all product categories to customer. If customer select item then they listed in shopping cart for buying. The payment will made with only Cash on delivery.

VII. TOOLS USED

- HTML
- CSS
- JS
- PHP
- XAMPP
- MYSQL (PHPMY ADMIN)
- MICROSOFT VSCODE

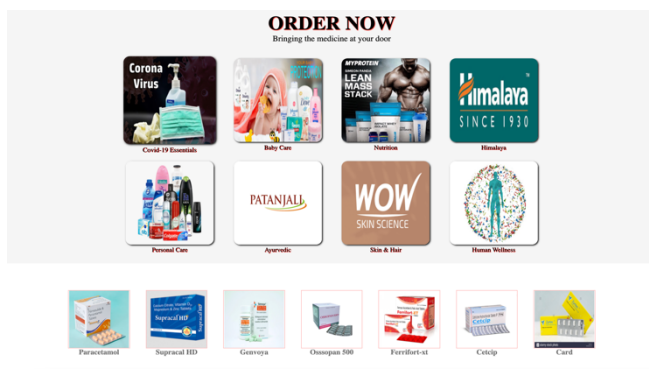
VIII. ADVANTAGE

- Faster buying/selling procedure, as well as easy to find products.
- Buying/selling 24/7.
- More reach to customers, there is no theoretical geographic limitations.
- Low operational costs and better quality of services.
- No need of physical company set-ups.
- Easy to start and manage a business.



IX. Result

The web application is easy to use and very user friendly.



X. Conclusion

The Online Shopping system application enables vendors to set up online shops, customers to browse through the shops, and a system administrator to approve and reject requests for new products and maintain lists of shop categories

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