



# ONLINE SHOE SHOPPING



<sup>a</sup> S. Uma, <sup>1</sup>S.Mohan raj, <sup>2</sup>E.Jagadesh, <sup>3</sup>N.Ganesh

<sup>a</sup> Associate Professor Department of Information Technology, Panimalar Engineering College,

<sup>1,2,3</sup> Department of Information Technology, Panimalar Engineering College.

<sup>1</sup>mohanrajsrinivasan27@gmail.com, <sup>2</sup>jagadeshezhil74@gmail.com, <sup>3</sup>ganeshzane@gmail.com.

**Abstract:** Shoes are one of the essential part of our dressing groove, and you can go from party to formal, normal to fashionable, informal to trendy in minutes by merely switching your shoes. Thus online shoe shopping will alleviate people by providing access for buying shoes just by sitting at home. The people who doesn't know their shoe size can also buy shoe in online shopping, just by taking picture of their foot. This online shoe shopping system has two modules, namely Admin and Customer. The ultimate aim of the online shoe shopping is to barbarize the already existing manual system by the aid of computerized articles and completely developed computer software, consummate their demand, thus the customers valuable statistics can be stored for longer period of time with facile accessible of the similar person. Online shoe shopping can lead the way to error free, assured, authentic and quick management system.

**Keywords:** Customer Satisfaction, Customer Loyalty, Online Shopping, Service Quality, secure and reliable.

## 1. INTRODUCTION

### 1.1 GENERAL

Buying shoes online is designed to avoid the persuasion problems in the manual viewing system. Therefore, the software is designed to eliminate and in some cases mitigate the difficulties faced by the existing system. Moreover, the system is developed for a specific requirement of the company to perform the operations in a flush and productive manner.

Thus this app is lessened as much as possible to keep away of the errors while get in the data. The system also issues error messages while entering invalid information. No certified knowledge is required for the user to make use of the system. Thus by this all it shows that the system is user friendly.

Every company, whatever large or small, has challenges to get better of and carry on the data of the customer, shoes, payment cash, delivery. Each online shoe store has the contrasting needs of the shoes, so that we plan unique employee management system that are adjusted to your managerial needs. This is developed to aid in tactical planning and will help you make sure that your company is furnished with the fair level of data and attributes for your upcoming goals.

### 1.2 NEED FOR THE STUDY

The earlier manual system was distressed from a sequence of disadvantages. Since the entire of the was to be managed by the process of possessions, conserving and reclaiming the data was so difficult and interminable. The documentation were never employed to be in a structured order. So there would be many convolutions in associating any specific transaction within a

specific conditions. if any data was to be erect it is needed to went through the various indexes,datas.there would all the time be unwanted intake of time while inpouring the data and sustaining the data

The cause afterwards it is that there is many of datas to be conserved and have to be hold on to the mind while maintain a business.

### 1.3 OBJECTIVES OF THE STUDY:

The main goal of the project Online Shoe Store is to manage the small print of Shoes, Customer, Internet, Payment, Delivery. It manages all the data regarding Shoes, Cash, Delivery, Shoes. The project is completely engineered at body finish Associate in Nursing therefore solely the administrator is warranted the access. the aim of the project is to make an computer programme to scale back the manual work for managing the Shoes, Customer, Cash, Internet. It tracks all the details about the Internet, Payment, Delivery.

## 2. LITERATURE SURVEY

### 2.1 Online shopping

More than eighty five percent of the world' on-line population have used the net to form purchases, fifteen hyperbolic by forty percent from 2 years earlier, and over 1/2 net users are regular online shoppers, who make purchases online a minimum of once a month. With the increasing penetration of the Internet, the expansion of online business is wider and therefore the community is preparing to buy online. numerous product marketed through Internet, in addition as cooperation between businesses (B2B). Some corporations that market underclothing products (lingerie fashion) collaborate and be part of to a network internet site. Web-weaving<sup>16</sup> is a strategic "e-portfolio management" approach. This approach can determine a multi-niche opportunities for e-retail, that unfold risk, maximizes revenue streams, utilizes information economies/synergies across multiple-web sites, promotes client side price and offers potential for competitive advantage and property for the smaller-sized retail.

Some studies focusing on fashion product are carried out. One conclude that the shop environment and store style significantly is a very important consider decisive the temperament fashion store. design.<sup>30</sup> Another issue are: company social responsibility, reputation, service level, the salespeople, the merchandise sold, price/quality perceptions and therefore the client base verify perceptions of "genuineness", "solidity", "sophistication", "enthusiasm" and "unpleasantness". within the on-line context, the style shopper in Korea are classified into: thirty one (1) fashion/brand shopper bestowed the very best levels of overall satisfaction and intention to get fashion merchandise online (2) fashion follower showed the opposite.

### 2.2 Service Quality

Service excellent is a prerequisite for consumer pride and could decide consumer loyalty. Satisfied clients will display their loyalty with the aid of using doing repeat purchases and phrase of mouth voluntarily. From the examine of numerous literatures, a few examine observed the variations of the carrier excellent, consumer pride and loyalty.

The fidelity of theoretical principles withinside the offline buying context is followed and nevertheless tailored to the net buying context. Five dimensions<sup>32</sup> of carrier excellent in offline contexts have evolved in 1994 and were broadly accepted: (1) Tangible is the advent or availability of centers which include buildings, spatial and property (2) Reliability worries the cappotential to supply the promised offerings with the identical excellent (consistently) at any time in order that the consumer can set the consider (three) Responsiveness is the willingness and readiness of personnel in imparting offerings and solutions (4) Assurance associated with the company's cappotential and personnel conduct in instilling a feel of consider and self assurance to its clients (5) Empathy is unique interest given to every character consumer, apprehend consumer wishes and wants.

### 2.3 Satisfaction and Loyalty

Experience required with the aid of using the consumer to evaluate whether or not the excellent belief is manifested through transport of carrier excellent perceived. In order to run a advanced carrier excellent, the Web company's manager, first have to apprehend how costumers perceived and compare on-line consumer carrier. <sup>35</sup> The examine carried out a check of the idea has been evolved ensuing most important dimensions,<sup>36</sup> 4 dimensions of carrier excellent E-SQUAL: efficiency, machine availability, fulfillment, privateness and 3 dimensions trouble dealing with carrier ERecs-QUAL: responsiveness, repayment and contact. Four dimensions of dimension scale of consumer Perceived Value: 1) charge 2) typical comfort of the use of webweb page three) the quantity the webweb page offers a sense being in control, and 4) typical price from the webweb page associated cash and effort. Four dimensions of dimension of Loyalty Intention: 1) superb WOM 2) hints to a person who seeks recommendation three) inspire buddies and others to do business with webweb page 4) recollect webweb page to be the primary preference for destiny 5) do greater commercial enterprise with webweb page One a hit method to

fulfill and keep clients is with the aid of using imparting advanced carrier excellent and correlates it with consumer pride and loyalty. 37 There is an empirical courting among the logo attributes and the company logo image (the emotional price) in flip affects the consumer's responses (loyalty). 38 Customer pride performs a completely critical position withinside the aggressive surroundings of e-commerce, due to its effect on consumer loyalty.

### 3.EXISTING SYSTEM

In the present machine the assessments are executed simplest manually however in proposed machine we ought to computerize the assessments the use of this application.

- Lack of data security.
- More man power.
- Time consuming.
- Consumes a large amount of Replacement Labor.
- Requires leadership calculations .
- No direct role for top officers.

#### 3.1DRAWBACKS IN EXISTING SYSTEM

- Going from one store to another can be tedious and time-consuming. Sometimes you spend hours walking around looking for a dress but you can't find anything
- Discounts and offers are only granted for a short time. You probably won't get as much discount on an item as you would on a website.
- Sometimes shops and markets are so crowded that you may slightly walk. Imagine being dragged alongside in case you hate crowded locations and sweaty people (a nightmare).

### 4. PROPOSED SYSTEM

The aim of planned system is to develop a system of improved facilities. The proposed system will overcome all the limitations of the prevailing system. The system provides correct security and reduces the manual work. In this system the people who doesn't know their shoe size can also buy shoe in online shopping ,just by taking picture of their foot.How this feature works is when a customer uploads a picture of their foot ,we compare that picture with hundreds and thousands of foot samples and find the exact match and display the customers shoe size.

How this feature will be implemented means , first of all ,we need a data set of images containing foot of different sizes along with that we have to include a csv file with a specified foot size for the individual images. After that we have to feed the images and csv file into our deep learning model . Algorithm which is used to develop ic CNN (Convolutional Neural Network).

- Security of knowledge.
- guarantee data accuracy'.
- correct management of the upper officials.
- Minimize manual data entry.
- Minimum time requirement for processing with many variants.
- higher efficiency.
- superior service.
- usability and interactivity.
- minimum time required.

#### 4.1 ADVANTAGES

- Searching online gives you access to a variety of products. From clothes and shoes to household items, everything is just a click away.
- You can buy at any time of the day. Web shopping store is here for you 24/7.
- Receive exclusive offers online on products not available in stores.
- .No cash? From PayPal and Google Pay to credit and debit cards, there are many other ways to pay online.
- There are many filters available to narrow your search.

### 5. METHODOLOGY AND MODULES

#### 5.1 Login Module:

The Login Module is a portal module that enables users to A user name and password to log in.

#### 5.2 Admin Module:

The admin module is that the backend of your web site that allows you to add, delete, update, edit, or modify your internetsite whenever needed. it's an important demand for web applications like on-line shoe looking site

- ☐ Manages Orders
- ☐ Manages product
- ☐ Manages clients Relationship

#### 5.3 Customer Module:

It tracks all the knowledge and details of the client. during this module, the admin will perform each operation on knowledge however the customer are going to be able to read solely his her data, thus access level additionally been enforced on the projects. Customers can also customize the shoes .

#### 5.4 Product Module:

This product module is to manage the merchandise data-wise and on-line shoe store. All product will be managed by admin and customers will be able to see the product. Admin can see the list of all the products and filter it in keeping with the customers.

#### 5.5 Payment Module:

In this module, customers pay for a product or service. In a very physical store, accepted forms of payment can be cash, a gift card, master cards, paid cards, open credit, or mobile payments. For an ecommerce business, online payment methods can include credit or debit card options, prepaid cards, gift cards, an instant transfer from a bank account, payment processors, and more.

Within each payment method, there are usually multiple payment options.

#### 5.6 Shipment Module:

This module manages client shipments. Admin can manage all shipment records.



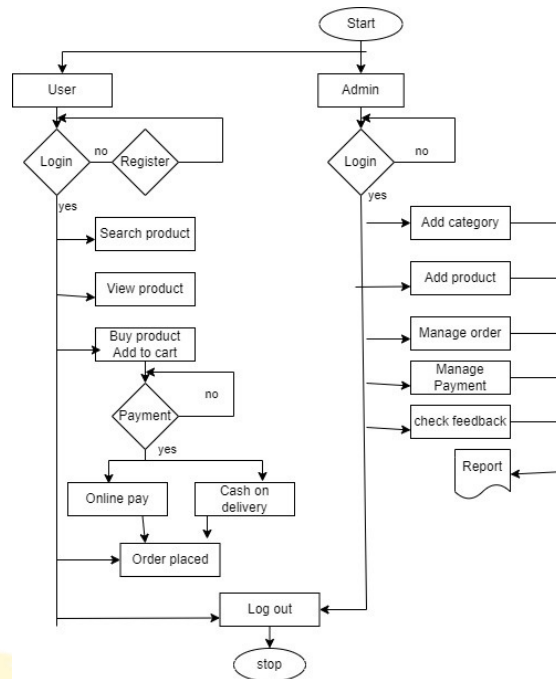


Figure 1:Flow Chart

**Hardware Requirement:**

- 1.Processor- Core i3
- 2.Hard Disk- 160GB
- 3.Memory- 4GB RAM
- 4.Monitor

**Software Requirement:**

- 1.Windows 7 or higher
- 2.Html
- 3.Css
- 4.Javascript
- 5.Bootstrap framework
- 6.Nodejs (runtime environment)
- 7.Npm
- 8.Express framework
- 9.Mongodb database(mongoose)

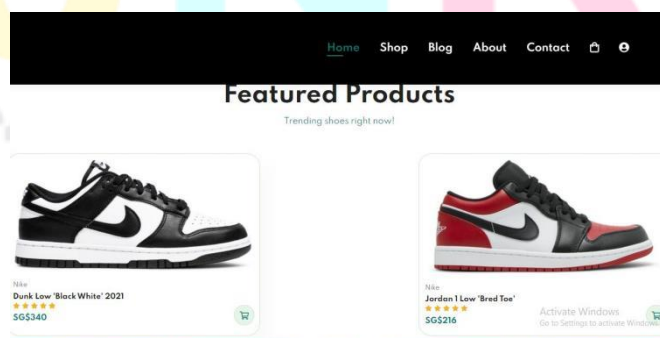
**6. SAMPLE OUTPUTS:**

Figure 2

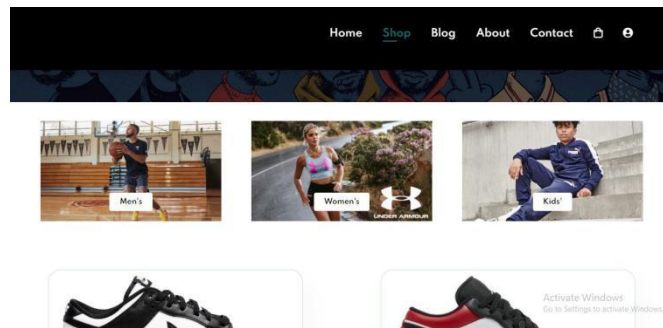


Figure 3

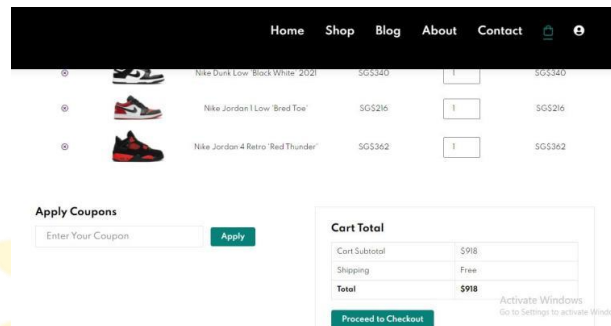


Figure 4

## 7. CONCLUSION

Our project is only a humble venture to satisfy the requirements to manage their project work. many user friendly cryptography have conjointly adopted. This package shall convince be powerful package in satisfying all the requirements of the school. the target of a package coming up with is to produce a frame work that permits the trough to create affordable estimates created inside a restricted time-frame at the start of the software project and will be updated frequently because the project progresses.

At the top it's all over that we've got made effort on following points..

- A description of the background and context of the project and its relevancy work already worn out the area.
- Made statement of the aims and objectives of the project.
- The outline of Purpose, Scope, and applicability.
- we tend to outline the matter on that we are operating within the project.
- we tend to describe the necessity Specifications of the system and therefore the actions that may be done on these things.
- we tend to perceive the problem domain and turn out a model of the system, which describes operations that can be performed on the system.
- we tend to enclosed options and operations in detail, together with screen layouts.
- We designed user interface and security problems concerning system,
- Finally the system is enforced and take a look ated in line with test cases.

## 8.FUTURE SCOPE :

The future scope of the project circles around maintaining information relating to

- we are able to add printer in future.
- we are able to provide a lot of advance software package for on-line shoe-shop induding more facilities
- We will host the platform on online servers to make it accessible worldwide.
- Integrate multiple load balancers to distribute the system's hundreds

- Generate the master and slave information structure to reduce the overhead of database queries.
- Implement the backup mechanism to regularly back up the code base and database on completely different servers.

## REFERENCES

- [1] Nielsen, A Global client Report: Trends in on-line Shopping, February 2008, 1-7. [Online] Available:<http://at.nielsen.com/site/documents/GlobalOnlineShoppingReportFeb08.pdf>
- [2] Nielsen, The Digital Media Habits and Attitudes of Southeast Asian Consumer, October 2011, 1-18. [Online] Available:<http://at.nielsen.com/site/documents/GlobalOnlineShoppingReportFeb08.pdf>
- [3]<http://en.wikipedia.org/wiki/Singapore>
- [4]<http://nasional.kompas.com/read/2011/09/19/10594911/Jumlah.Penduduk.Indonesia.259.Juta>
- [5] George, J.F., Influences on the Intent to create web Purchases, web Research: Electronic Networking Applications and Policy, twelve (2), 2002, 165-180.
- [6] Li, Hongxiu and Reima Suomi, A planned Scale for mensuration E-service Quality, International Journal of u- and e-Service, Science and Technology 2 (1), 2009, 1-10.
- [7] Yang, Z. And Xiang Fang. on-line Service Quality Dimensions and Their Relationships with Satisfaction: A Content Analysis of client Reviews of Securities Brokerage Services, International Journal of Service business Management fifteen (3), 2004, 302-326.
- [8] "Main Segment", selling - Indonesian Magazine, 05 (IX), 2009, ninety four – 95.
- [9] M. Sumithra and Dr. S. Malathi, "A Brief Survey on Multi Modalities Fusion", Lecture Notes on Data Engineering and Communications Technologies, Springer, 35, pp. 1031-1041, 2020.
- [10] Sharanyaa, S., and Madhumitha RP. "Eyeball Cursor Movement Detection Using Deep Learning." *RP, Madhumitha and Rani. B, Yamuna, Eyeball Cursor Movement Detection Using Deep Learning (July 12, 2021)* (2021).
- [11] M. Sumithra and S. Malathi, "A survey on Medical Image Segmentation Methods with Different Modalities", International Journal of Engineering Research and Technology (IJERT) – Vol. 6 Issue 2, Mar 2018.
- [12] B.Buveneswari and Dr.T. KalpalathaReddy, "ELSA- A Novel Technique to Predict Parkinson's Disease in Bio-Facial", International Journal of Advanced Trends in Computer Science and Engineering, ISSN 2278-3091, Vol.8, No.1, Pp. 12-17, 2019
- [13] K. Sridharan , and Dr. M. Chitra , Proficient Information Retrieval Using Trust Based Search On Expert And Knowledge Users Query Formulation System, Australian Journal of Basic and Applied Sciences, 9(23) July 2015, Pages: 755-765.
- [14] Sharanyaa, S., and K. Sangeetha. "Blocking adult account in osn's using iterative social based classifier algorithm." *International Journal of Scientific Engineering and Science* 2, no. 1 (2018): 33-36.

