



ISSN: 2350-0328

# International Journal of Advanced Research in Science, Engineering and Technology

Vol. 6, Issue 4, April 2019

## Clothing Line Shop

Francis Albert Lisboa, Norberto Vergara Jr, Jat Mathew Naling, John Jerick Villanueva,  
Allen Christian Andaya, Oliver M. Junio

4<sup>th</sup> Year College Student, College of Computer Studies, University of Perpetual Help System, Laguna

3<sup>rd</sup> Year College Student, College of Computer Studies, University of Perpetual Help System, Laguna

3<sup>rd</sup> Year College Student, College of Computer Studies, University of Perpetual Help System, Laguna

3<sup>rd</sup> Year College Student, College of Computer Studies, University of Perpetual Help System, Laguna

3<sup>rd</sup> Year College Student, College of Computer Studies, University of Perpetual Help System, Laguna

Dean, College of Computer Studies, University of Perpetual Help System Laguna

**ABSTRACT:** The main objective of this study is to design and develop an Online Ordering System with POS for Clothing line to improve the system of the company. The administrators can communicate with clients to finalize their orders and can change their password. Use Case Diagram and Class Diagram were used to outline the framework capacities and schedules. Actuality discovering instruments, for example, meeting and perception were connected to decide the necessities of the ideal application. Surveys were utilized for estimating the productivity of the framework as assessed by the end-users. Results of the assessment on the framework depended on ISO 9126 standard which demonstrated that the criteria on usefulness positioned as the most elevated, trailed by practicality, trailed by proficiency, trailed by transportability, trailed by convenience and ultimately criteria for the unwavering quality of the framework positions as the lowest. The consequence of the assessment Clothing line Online Ordering and Inventory System with POS demonstrated that the created framework have accomplished its useful necessities in applying the cutting edge method for requesting and imparting through on-line shopping. In this way, the advocate very prescribes that the framework be executed on attire line which call for viable and simple interface of the system and ordering.

### I. INTRODUCTION

One of the most merriments of every businessmen is to see their established business/company to be on top or within the leverage of those who are top in the market area. Company nowadays are using Internet of Things (IoT) resources such as a) Website to advertise their company and reach their customer 24/7, b) Web based Application that could help them to make their business process easily and c) Web Storage to have a centralized data repository.

Online ordering system has been one of the norm for every restaurant, pizza parlor, fast food and even books and merchandise as of to this day. Online Ordering is designed for its ultimate flexibility and performance. Online ordering system enable customer to do online shopping in advance and let them decide when shipment will be made.[1]

As web based acquiring develops in significance, understanding which customers utilize this new conveyance channel is an imperative inquiry for e-commerce chiefs and buyer scholars. The motivation behind this investigation was to inspect chosen statistic and mental attributes that lead buyers to purchase dress on the web. It overviewed 805 customers who depicted their web based dress purchasing just as how creative and included they were for garments and style, how imaginative they were as to purchasing on the Internet, and the amount they obtained garments through indexes. Albeit every one of these factors were emphatically related with measure of web based dress buy, a numerous relapse examination demonstrated that being a bold online purchaser and an overwhelming inventory customer had the most effect on web based apparel



ISSN: 2350-0328

# International Journal of Advanced Research in Science, Engineering and Technology

Vol. 6, Issue 4, April 2019

purchasing. These discoveries infer that online attire purchasing is inspired more by Internet creativity than by garments inventiveness.[2]

Believes that whatever business you are creating, it is a standard to advertise it in the Internet. Small or Medium Scale business can penetrate the market within the aid of internet.[3]

The System works smoothly and we don't encounter any kinds of problem making the websites. Clothing line Online Ordering and Inventory System with POS is a Web Based System which will allow customer to buy products 24/7. The System is capable of handling number of orders from customers, determine the number of sales within the day, track down customer who are currently doing business with them, determine the most needed item by the customer.

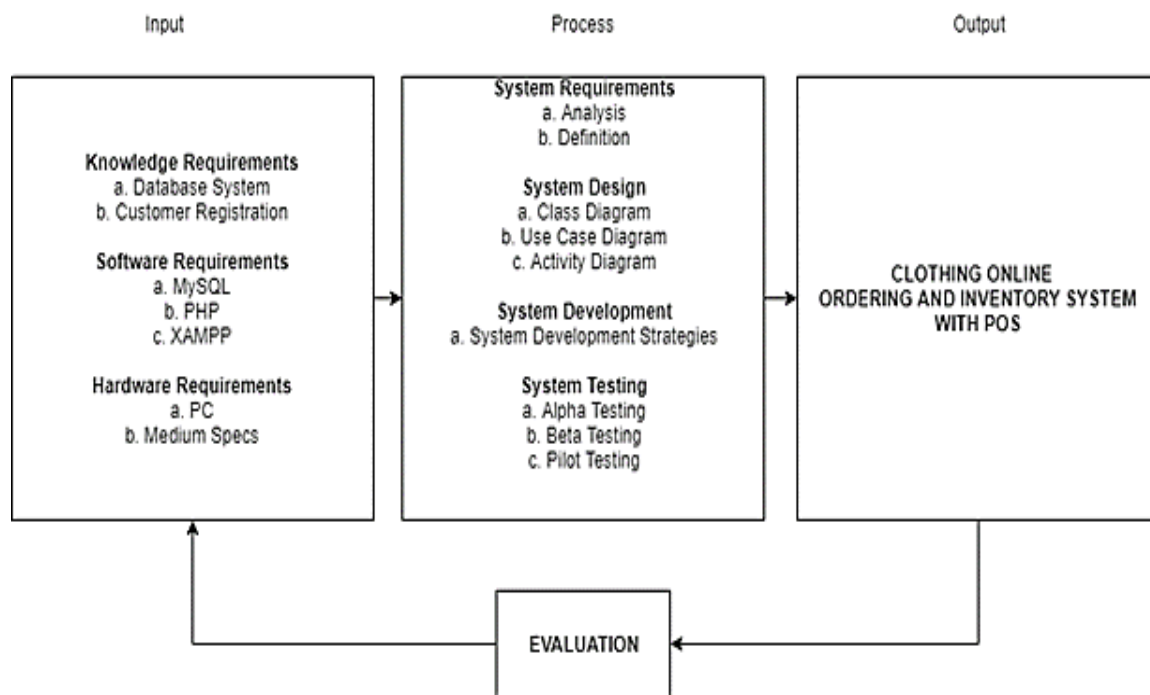
The General objectives is to design and develop an online ordering system with POS for clothing line specifically, it aims to have a customer profiling system that will (a) track down customer order, (b) to have a communication with the customer and employee, (c) to evaluate performance and acceptability in terms of security and user friendliness, accuracy and reliability. Have a point of sales system that could determine the sales of company.

## II. LITERATURE REVIEW

Web shopping center has the double idea of Web-based application framework and conventional shopping center. This paper investigates on the web and disconnected highlights of web shopping centers and their association with the acknowledgment practices and clients. This investigation gives a space explicit, integrative methodology in assessing the quality and predecessors of client acknowledgment for web shopping centers.[4]A framework and strategy for giving an internet requesting machine that deals with the conveyance of home conveyed items over a dispersed PC framework is thus unveiled. The disseminated PC framework incorporates a gathering of clients associated with customer PCs and no less than one server PC framework that executes the internet requesting machine. The web based requesting machine acknowledges orders from the client for a specific item from a chose seller.[5]Frameworks and strategies for encouraging an on-line buy of something like one thing for a buyer are revealed. A buyer may shop and demand buy of no less than one thing on a united shopping CS site showing at least one distinctive vendor sites. A host PC giving the CS site may get to a vendor site selling the mentioned thing, and request the mentioned thing in the interest of the purchaser, and charging an exchange expense, posting charge, getting a refund as well as offering a discount for performing such. One exemplification enables a customer to buy/request numerous things from various sites in a solitary buy solicitation to the CS site.[6]This investigation is worried about the nonstop, deterministic instance of and stock framework in which the interest rate of a thing is of a polynomial capacity structure, reliant on the stock dimension. Differential and vital analytics are utilized to discover the stock capacity regarding time.[7]A PC framework and PC actualized strategy for controlling stock of merchants at one dimension of a section circulation chain. The framework incorporates a PC customized with programming for producing request information because of reference information demonstrative of offers, stock, socioeconomics, as well as market attributes of or relating to somewhere around two merchants at a similar conveyance level. The request information is characteristic of at least one of a prescribed stock increment exchange, (for example, a reorder by a seller of a sold section); a stock decrease exchange, (for example, an arrival of at least one sections in stock at the merchant); and a suggested stocking dimension of at least one sections by the seller. At the point when the PC is worked by staff of a first seller, it gets reference information worried something like one other merchant at a similar dispersion level (notwithstanding preparing reference information concerning the primary merchant. At the point when the PC is a host PC, it gets reference information from at least two sellers at a similar conveyance level. Ideally, the PC which creates the request information is customized to produce the request information by preparing gauge information which is created by handling the reference information. To create the estimate information, the PC ideally executes a point-of-offer based strategy or an actuarial technique to decide a gauge of offers of a section by a merchant in a chose timeframe.[8]A product quality model goes about as a structure for the assessment of traits of an application that add to the product quality. In this paper, a quality model is exhibited for assessment of B2B applications. In the first place, the most notable quality models are considered, and purposes behind utilizing ISO 9126 quality model as the premise are talked about. This model, at that point, is redone as per uncommon qualities of B2B applications. The customization is finished by separating the quality elements from web applications and B2B web based business applications, weighting these components from the perspectives of the two designers and end clients, and adding them to the model. At long last, as a contextual analysis, ISACO entrance is assessed by the model.[9]

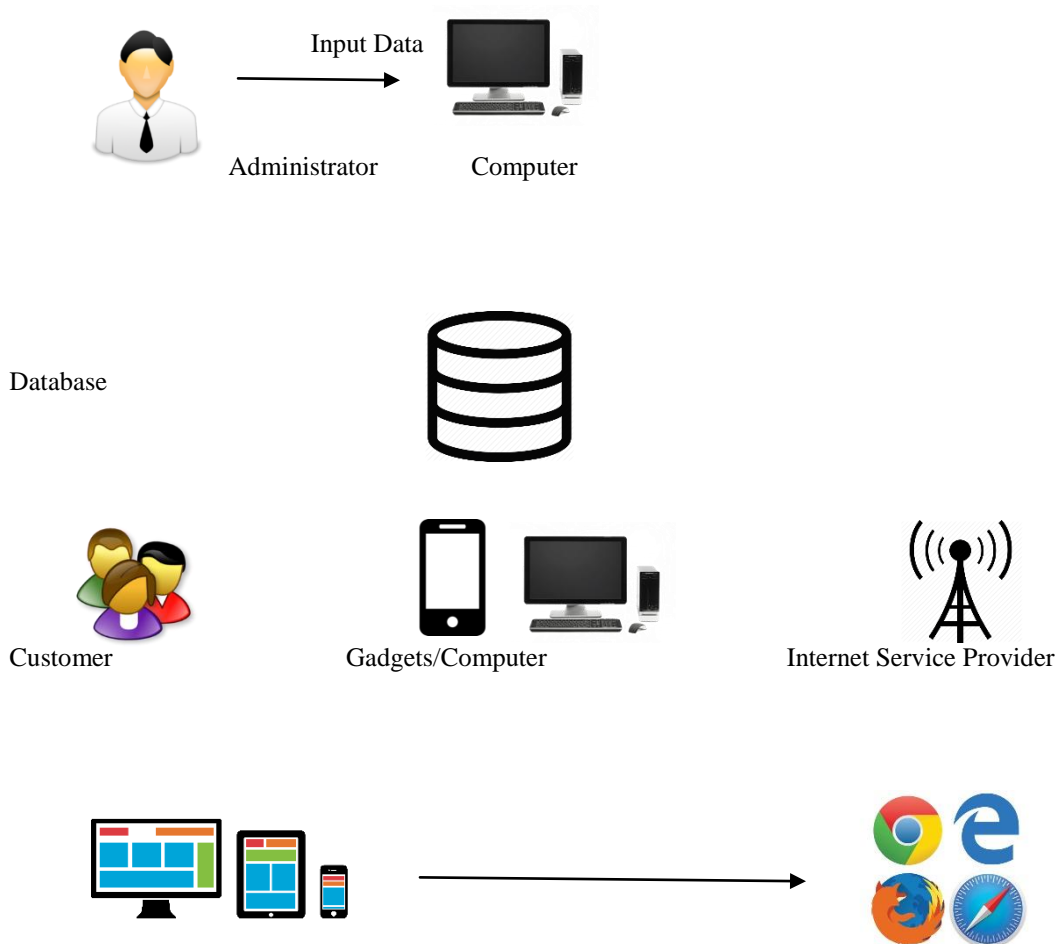
**III.METHODOLOGY**

Past part give speculations identified with internet shopping condition, factors affecting customers' trust in internet shopping and real buy through on the web. This part exhibits the model structure, the advancement of theories, choice of measures and survey configuration, inspecting plan and information gathering methods, pre testing study and furthermore the information investigation procedures use in this examination.



**Figure 1.0 Conceptual Framework**

Database system set of data held in a computer and the costumer registration will go to the database and the software requirements can be open in the latest version of windows 7 up to the latest version of OS. We use MYSQL/PHP/XAMPP as a database for our system. For the hardware requirements the user may use pc with core i3 or higher microprocessor, and with 2GB or higher with the display VGA 640x480 or higher. System analysis in the PC then the information will go to the database , director impart the clients then the clients utilized PC contraptions and portable devices to arrange and the request will go to the framework database. The web access supplier give program to arrange things. Class Diagram describes the fields, and the methods of our study. This figure represents the user have fields of username and password and the methods of verifying the payment Use case diagram shows to the utilization chart of this investigation. The manager can include and alter items, check deals, include another administrator, see landing page and speak with client. The client can speak with the chairman, login and register, see landing page and alter account. Activity Diagram of customer side our study. The customer will log in first before confirming the order and can also change their password for security purposes. System Development Strategies of the life cycle of the proposed system that describes planning, analysis, design, implementation and maintenance. Alpha,Beta,Pilot testing is the tests to do in the system, they look if there is no error or any fail in the system. The general assessment aftereffects of the proposed framework were firmly concurred by the respondents with the most noteworthy weighted mean 4.92. Be that as it may, the transportability of the framework was just concurred by the respondents with the most reduced weighted mean.

**Figure 2.0 Concept of the System Project**

Administrator input data in the computer then the data will go to the database, administrator communicate the customers then the customers used computer gadgets and mobile gadgets to order and the order will go to the system database. The internet service provider provide browser to order items. The owner can access database and organize the business flow in which he can look after the sales now and then, one of the benefit of the system is issue can be broke down in increasingly successful way along these lines decreasing expense and wastage of time. While the customer can access only the entire online store.

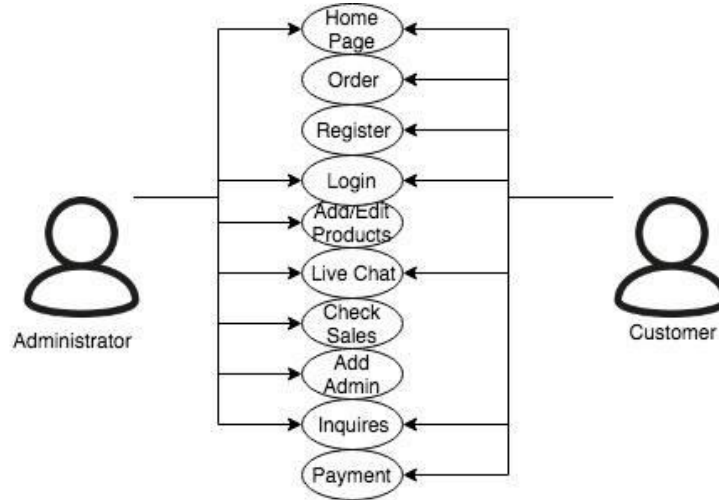


Figure 3.0 Use Case Diagram

Administrator can open the homepage and log in their account then add their products, they can also chat the system, then the administrator can check the sales of their product and their inquiries also the payment of the customer. Customer can go to the homepage then the customer shall register for their accounts then log in their accounts after that they can order the products that they want can also chat our system to communicate easily after it they will pay for the price of their orders.

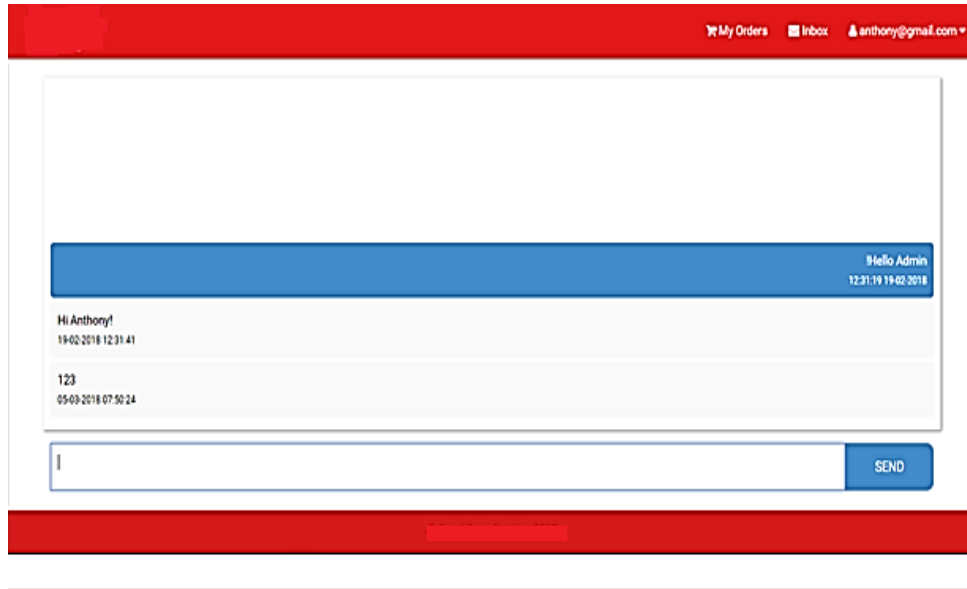
IV. RESULTS AND DISCUSSION

Figure 3.0 is about the most important in our web site because you can transfer products and order easier, also in this pictures you can see if the deliver is completed, you can cancel the order or you can continue here in this section.

My Orders			
Order No	Date Ordered	Delivery Date	Status
54	25-03-2018 17:04:25		Confirm Payment
53	20-03-2018 15:05:45		Confirm Payment
49	08-03-2018 13:18:29	09/03/2018	Delivered
15	19-02-2018 12:28:00		Confirm Payment
14	19-02-2018 00:56:42	21/02/2018	Delivered
13	18-02-2018 22:32:08		Confirm Payment
12	18-02-2018 20:36:39	19/02/2018	Delivered

Figure 3.0 Customer Orders

This is the My Orders tab for order history and order confirmation if the customer is paid through bank here in this section you will find recent orders and transactions that have happened you can also see here if the transaction is completed, also the recent delivery date can be seen in this section. It's easier for the admin to check the history of every event on the website every event on the website can be found in my order.



**Figure 4.0 Customer Communication**

This section is the chat box of the customer and the employee for clear transaction. Here in customer communication can be transacted or they can cancel their order, they can say whether they are good or they like the product they choose in the time that they have their own online store account they can now transact anytime. Using this is easier for ordering and it is also easier for the admin to answer because with just one click the customer will receive the message.

**Table 1.0 System Evaluation Results**

Criteria	Mean	Interpretation
Functionality	4.95	Acceptable
Reliability	4.95	Acceptable
Usability	4.80	Acceptable
Maintainability	4.80	Acceptable
Efficiency	4.65	Acceptable
Overall Weighted	4.70	Acceptable

Table 1.0 is System Evaluation Consequences of the framework were firmly concurred by the respondents is usefulness with the most elevated weighted mean 4.92. Be that as it may, the unwavering quality of the framework was just concurred by the respondents with the least weighted mean 4.62. Represents the weighted mean of ease of use of the framework. Understandability of the framework casted a ballot by the respondents with a most elevated gauged mean of 4.95. In any case, the learnability and operability of the framework was similarly concurred by the respondents.

## V. CONCLUSION

Innovation has gained noteworthy ground throughout the years to give buyers a superior internet shopping knowledge and will keep on doing as such for a considerable length of time to come. Nonetheless, the accessibility of internet shopping has delivered a progressively taught shopper that can search around no sweat without investing a lot of time.



ISSN: 2350-0328

# International Journal of Advanced Research in Science, Engineering and Technology

Vol. 6, Issue 4, April 2019

## REFERENCES

- [1] Essay, U. (2013). *A Definition Of Online Ordering Systems Information Technology Essa*. Retrieved from Essay UK : <https://www.ukessays.com/essays/information-technology/a-definition-of-online-ordering-systems-information-technology-essay.php>
- [2] Goldsmith, R. E., & Flynn, L. R. (2004). Psychological and behavioral drivers of online clothing purchase. *Journal of Fashion Marketing and Management: An International Journal*, 8(1), 84-95.  
[://www.emeraldinsight.com/doi/abs/10.1108/13612020410518718](http://www.emeraldinsight.com/doi/abs/10.1108/13612020410518718)
- [3] Louren. (2017). *powerpinoy*s. Retrieved from 101 Perfect Small Business Ideas you can start in the Philippines: <https://powerpinoy.com/best-small-business-ideas-philippines/>
- [4] Ahn, T., Ryu, S., & Han, I. (2004). The impact of the online and offline features on the user acceptance of Internet shopping malls. *Electronic commerce research and applications*, 3(4), 405-420. <https://www.sciencedirect.com/science/article/pii/S1567422304000195>
- [5] Cupps, B., & Glass, T. (1999). *U.S. Patent No. 5,991,739*. Washington, DC: U.S. Patent and Trademark Office. Retrieved from Google Patents: <https://patents.google.com/patent/US5991739A/en>
- [6] Aliabadi, A., Dalton, N., Frangos Jr, A. Z., Hammond, J. T., Licardi, C. A., Sutton, B., & Tarvydas, M. (2008). *U.S. Patent No. 7,412,409*. Washington, DC: U.S. Patent and Trademark Office. Retrieved from Google Patents: <https://patents.google.com/patent/US7412409B2/en>
- [7] Baker, R. A., & Urban, T. L. (1988). A deterministic inventory system with an inventory-level-dependent demand rate. *Journal of the Operational Research Society*, 39(9), 823-831.  
<https://www.tandfonline.com/doi/abs/10.1057/jors.1988.142>
- [8] David E. Sheldon, J. L. (1998, June 9). Retrieved From Google: <https://www.google.com/patents/US5765143>
- [9] Behkamal, B. (2009, March). *Customizing ISO 9126 quality model for evaluatin of B2B*. Retrieved from ScienceDirect: <https://www.sciencedirect.com/science/article/pii/S0950584908001109>