

Fraud Detection and Location Tracking System in E-commerce

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Abstract: Online Ecommerce shop is basically used to build an application program which help people to find and buy latest design of Ecommerce with different categories like gold ,silver ,diamond .It is useful in the way that it makes an easier way to buy products online. Today most of the Ecommerce shop is useful for shopping site. The admin have lots of paper work and they are using desktop, spread sheet like MS Excel application to manage data in soft copy about user record. In this proposed Ecommerce System it will run in server and user can handle whole the registration activities. This application maintains the centralized database so that any changes done at a location reflects immediately. This is an online tool so more than one user can login into system and use the tool simultaneously. The aim of this application is to reduce the manual efforts needed to manage transaction and historical data used in various gods own. Also this application provides an interface to user to view the details about quality of product. Online Ecommerce shopping, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information

Keywords: Deploy, data reliability, Controlling, product, Tracking.

INTRODUCTION

With the rapid development of Internet, the 21st century has become the era of network and information, people who although stay at home shall be able to obtain the goods they need from internet. For business, compared to using large amounts of paper to record product information, information input and update with computer and network, the so called "paperless office", has obvious advantages, especially in fast search and space saving.

However, for most buyers, browsing and buying the goods they need at home can not only save time but also eliminate unnecessary transportation costs. Thus, online merchandise sales and management can effectively reduce or eliminate the intermediate links of products, make purchase of products easier, save time and bring economic benefits and convenience to businesses and consumers. Jewelry, different from common commodities, has a great variety of kinds, and is definitely calculated by weight in carats. Even a green bean-like diamond can be worth up to tens of thousands of dollars. What is more, high-quality jewelry is always unique and each of jewelry has a great detailed description and recognition. Because of the large amount of information, it always causes fussy when manually querying jewelries. Also it is not so safe and convenient to display all jewelries in real store, especially for expensive ones. With the help of computer and internet, we can quickly and accurately deal with large amounts of information, thus facilitating jewelry management and making diamond query and purchase more convenient.

PURPOSE

Our Proposed system is which we will have two user, first will be the user who is responsible for the purchasing and paying bill after buying the product. Second will be the admin where he can monitor each user ,and also he/she can able to modify user list, as well as add products to the system. System is different from existing ecommerce system, we allow user to check the quality of the Ecommerce, so that user can able to satisfy himself before buying any product. We are also provide a feature user can able to pay online for the product which he is buying, Payment gateway integration will be done, We planning for easy to use and more user friendly web app / android app for our user

1. EXISTING SYSTEM

At present all the activities in transaction are handled manually. Manual data processing system, whole providing economy, flexibility and adaptability at low data volumes become more complex when the volume of data becomes large. As an organization expands in size and function, a stage is reached when manual procedures become inadequate and inefficient. No matter how many clerks are employed a stage is reached then it becomes impossible to systemize such a large amount of information. What is required then is an upgrading in the class of information processing technology.

The present system is not sufficient to hold all the information that is necessary for the processing. So the library is in need of new computerized system, which is very flexible, user-friendly and capable of holding the system in a robust manner

2. Literature Survey

In summary, either of the two futures described could arise and elements of each probably will. But for firms and countries we believe that it is critical to choose eEurope and it is critical to choose soon. First-mover advantages are strong in the eCommerce marketplace and US eCommercial companies are already much stronger than their European peers. European consumers on the Internet are learning to look to the US for the most advanced products and services, and learning to trust US on-line brands. Our research indicates that Europeans have everything to play for in eCommerce. Europe already has a number of pockets of

technological excellence which facilitate eCommerce. European conditions are now more favourable than they have ever been. Appropriate action from Business and Government will make them much more so. Europeans should seize the opportunity presented while it is still available

Managing recovery service quality, service quality and satisfaction of eCommerce services is highly significant for businesses' long-term growth. Previous research revealed that e-retailers experience difficulty maintaining customer satisfaction despite the rapid growth of eCommerce business. Numerous studies have often examined eCommerce of Business to Customer (B2C) and Business to Business (B2B), but the study of C2C eCommerce in developing country like Indonesia is quite limited. The objective of this paper is to identify whether recovery service quality and service quality have influence towards satisfaction in Indonesia's C2C eCommerce. It tries to fill the gap of previous research which hypothesizes relationships between three eCommerce variables. A survey was conducted among C2C eCommerce customers in the western province of Indonesia using structured questionnaires. The result shows C2C eCommerce customer satisfaction in Indonesia, when tested partially, is significantly influenced by service quality, but is not influenced by recovery service quality. However, when tested simultaneously, they have significant impact to satisfaction. The study limitations, implications, recommendations along with directions for further research are discussed.

Very few ecommerce participants are observed to be satisfied with ecommerce-raised business expenses, profit sharing, fake products, or user privacy. In this article, a new ecommerce concept, i.e., Balanced Commerce, is proposed to address the concerns through innovative trading paradigms and principles. The balanced ecommerce promotes direct trades with no intermediary merchants, public and sharing resources and services, and smart broker-based business activities to assure the fairness and reduce business expenses. To implement the principles and features of the balanced ecommerce, a reference model has been developed. To identify how balanced an ecommerce system is, a balanced indicator and associated algorithms have been developed. Based on the reference model and identified features, a balanced ecommerce model, i.e., Individual - Individual (I2I), has been developed. An I2I ecommerce system is featured with an individual-oriented cloud browser to support independent trading, and a public creditworthiness cloud to provide basic and tracing data of individuals and commodities, along with smart brokering services. A number of I2I ecommerce systems have been developed and some put into practice. Three of them are described to testify the values and feasibility of the balanced ecommerce.

SYSTEM ARCHITECTURE

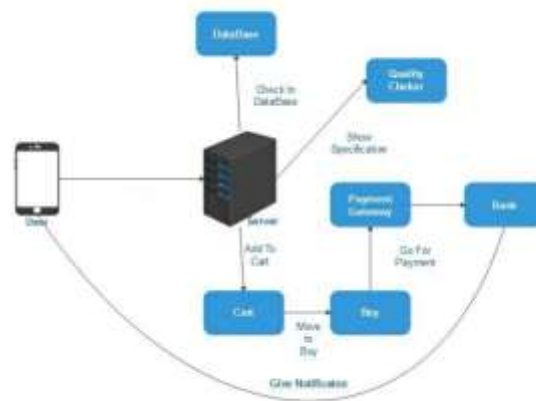


Fig -1: System Architecture Diagram

Advantages

1. Low power consumption.
2. Easy to use
3. Centralized Management
4. Tracking

3. System Requirements:-

Hardware Requirements

1. CPU
2. Desktop
3. RAM 2 GB or above

Software Requirements

1. Windows 7 or above
2. Notepad ++

4. ALGORITHM

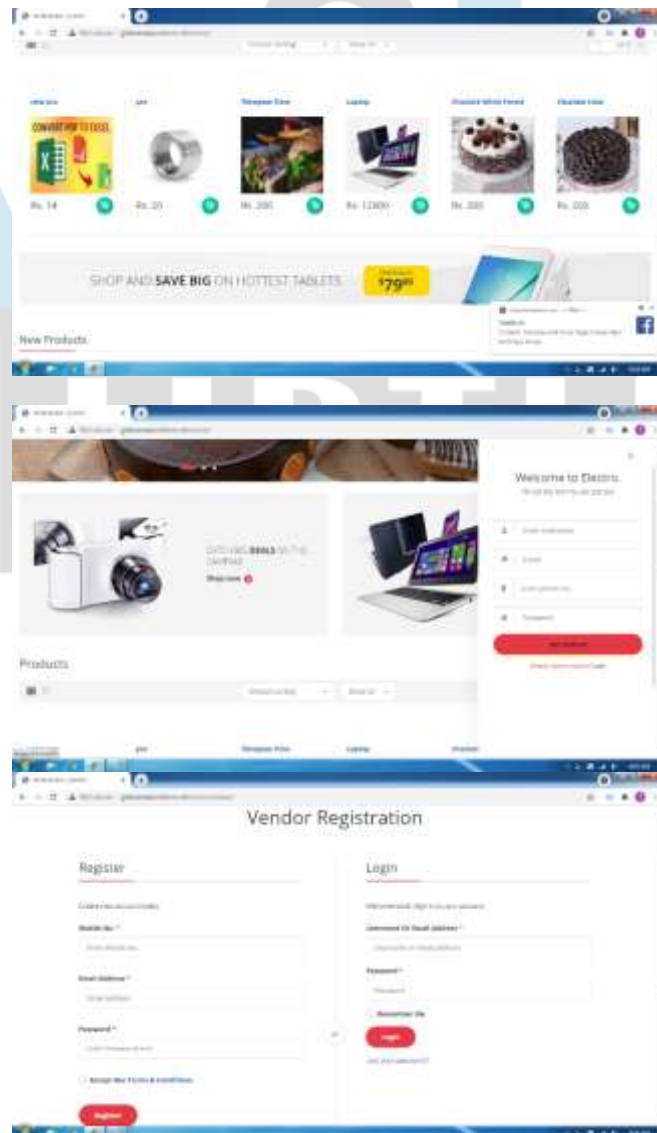
The Advanced Encryption Standard (AES), additionally known by its Dutch pronunciation: ['reɪndɑ:l]), is a determination for the encryption of electronic information set up by the U.S. Public Institute of Standards and Technology (NIST) in 2001. AES has been received by the U.S. government. It overrides the Data Encryption Standard (DES). Which was distributed in 1977. The calculation depicted by AES is a symmetric-key calculation, which means a similar key is utilized for both encoding and unscrambling the information. The Message Queuing Telemetry Transport (MQTT) is a lightweight, distribute buy in network convention that vehicles messages between gadgets. The convention ordinarily runs over TCP/IP; nonetheless, any organization convention that gives requested, lossless, bi-directional associations can uphold MQTT.[1] It is intended for associations with distant areas where a "little code impression" is required or the organization transmission capacity is restricted. The convention is an open OASIS standard and an ISO suggestion (ISO/IEC 20922)

5. FESIBILITY STUDY

A venture attainability study is an extensive report that inspects in detail the five edges of investigation of a given undertaking. It additionally contemplates its four Ps, its dangers and POVs, and its limitations (schedule, expenses, and standards of value). The objective is to decide if the venture ought to proceed, be upgraded, or else deserted through and through. The five casings of investigation are: The edge of definition; the edge of relevant dangers; the edge of possibility; the parametric casing; the edge of predominant and possibility methodologies. The four Ps are generally characterized as Plan, Processes, People, and Power. The dangers are viewed as outer to the undertaking (e.g., climate conditions) and are partitioned in eight classes: (Plan) budgetary and authoritative (e.g., government structure for a private venture); (Processes) ecological and mechanical; (People) showcasing and sociocultural; and (Power) lawful and political. POVs are Points of Vulnerability: they vary from dangers as in they are inside to the extend and can be controlled or else wiped out.

6. Result & Discussion:

7.



8. Objective

- To over the drawbacks of existing system.
- Centralized control unit

9. CONCLUSION

The proposed structure of our task shows that how a robot can be control using Bluetooth. The voice controlling requests are successfully communicated through Bluetooth development and the ideal exercises adequately occur. This errand diminishes human undertakings at spots or conditions where human interventions are problematic. Such structures can be brought into usage at spots, for instance, organizations, military and gatekeeper, examine purposes, etc.

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