

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

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## Trader's Cloud: an Easiest Way of Trading

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**ABSTRACT:** Electronic Commerce is process of doing business through computer networks. A person sitting on his chair in front of a computer can access all the facilities of the Internet to buy or sell the products.

Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time. E-Commerce which was started in early 1990's has taken a great leap in the world of computers, but the fact that has hindered the growth of e-commerce is security. Security is the challenge facing e-commerce today & there is still a lot of advancement made in the field of security.

The main advantage of e-commerce over traditional commerce is the user can browse online shops, compare prices and order merchandise sitting at home on their PC.

For increasing the use of e-commerce in developing countries the B2B e-commerce is implemented for improving access to global markets for firms in developing countries. For a developing country advancement in the field of e-commerce is essential. The research strategy shows the importance of the e-commerce in developing countries for business applications.

**KEYWORDS:** E-Commerce, Trader's Cloud

### I. INTRODUCTION

Trader' Cloud is an e-commerce website has its significance in helping customer get their products easily from the comfort of home through internet. Trader's Cloud also has its importance in stock management, where the Vendors can keep track of their stock and if there is deficiency of a product then the alert is given to a Vendor. Secondly, the Trader's Cloud system provides a separate portal to each Vendor unlike other e-commerce websites which provides a common portal to every User.

An online store is a virtual store on the internet where customers can browse catalogue and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information about the user will be asked such as delivery address, payments mode and at last confirm order will be asked. And as soon as the Customer confirms the order he/she will be given an estimated day of the delivery of Product.

Trader's Cloud contains the products of different quality and customers can compare the prices of the products from different stores and can buy the products from the Vendor of their wish. It reduces the stress of the customers by providing products from the nearby store and avail fast delivery of products. In addition with this, trader' Cloud also generates a bill for the Customers.

### II. RELATED WORK

Following are the E-Commerce/E-Business research article done in Indian context:

**Neha Jain:** Today's world is based on the Internet. It's tough for the consumers to envisage their life without the Internet because E-Marketing has revolutionized the market and the minds of the consumers, as they can browse

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through the Internet to source information for whatever they want, whenever they want. Various researchers have developed theories and models to explain the Consumer Decision Making Process, but now we need to explore Consumer Behaviour very clearly in terms of the digital domain. This research thesis aims at developing three models for pursuing research in the domain of E-Marketing and Consumer Behaviour. These are 1. Website Brand Contribution Model (WBCM)

2. Consumer Pre Purchase Process Model (I-CPPM)
3. Consumer Traits and Online Issues Model (CTOIM)

**Dasgupta and Sengupta** paper on e-commerce tells about the features of e-insurance in comparison with traditional insurance system. The recent growth of Internet infrastructure and introduction of economic reforms in the insurance sector have opened up the monopolistic Indian insurance market to competition from foreign alliances. They studied the evolving scenario in the insurance industry in India and identify the features of online insurance that improve the conventional insurance model and thus, makes it more attractive for the Indian insurance industry to go online.

**Ravan et al** on the other hand compared India's and China's approach in adoption of e-commerce. And further stated "Firms across the globe have adopted e-commerce (EC) in their operations and have reaped benefits thereof. While firms in technologically developed countries like US and UK has deployed EC to its advantage, whereas firms in developing countries like India failed to follow the suit. Though it has been widely acknowledged by the researchers that the adoption of EC by businesses in developing countries is an important economic indicator of growth; many firms in India still have not realized the potential benefits of EC. This study examines the existing status of EC in India and reviews the available literature on E-commerce adoption in India and puts forth opportunities for future research. The study might serve as a starting point for further research in e-commerce in India."

### III. PROPOSED PLAN

We propose to apply e-commerce website to assist customers buy Products easily from the comfort of home through internet and to provide good quality of products. In addition to this, it also provide a way to manage stock for Vendors. Following are the different scenarios for Our Proposed e-commerce website:

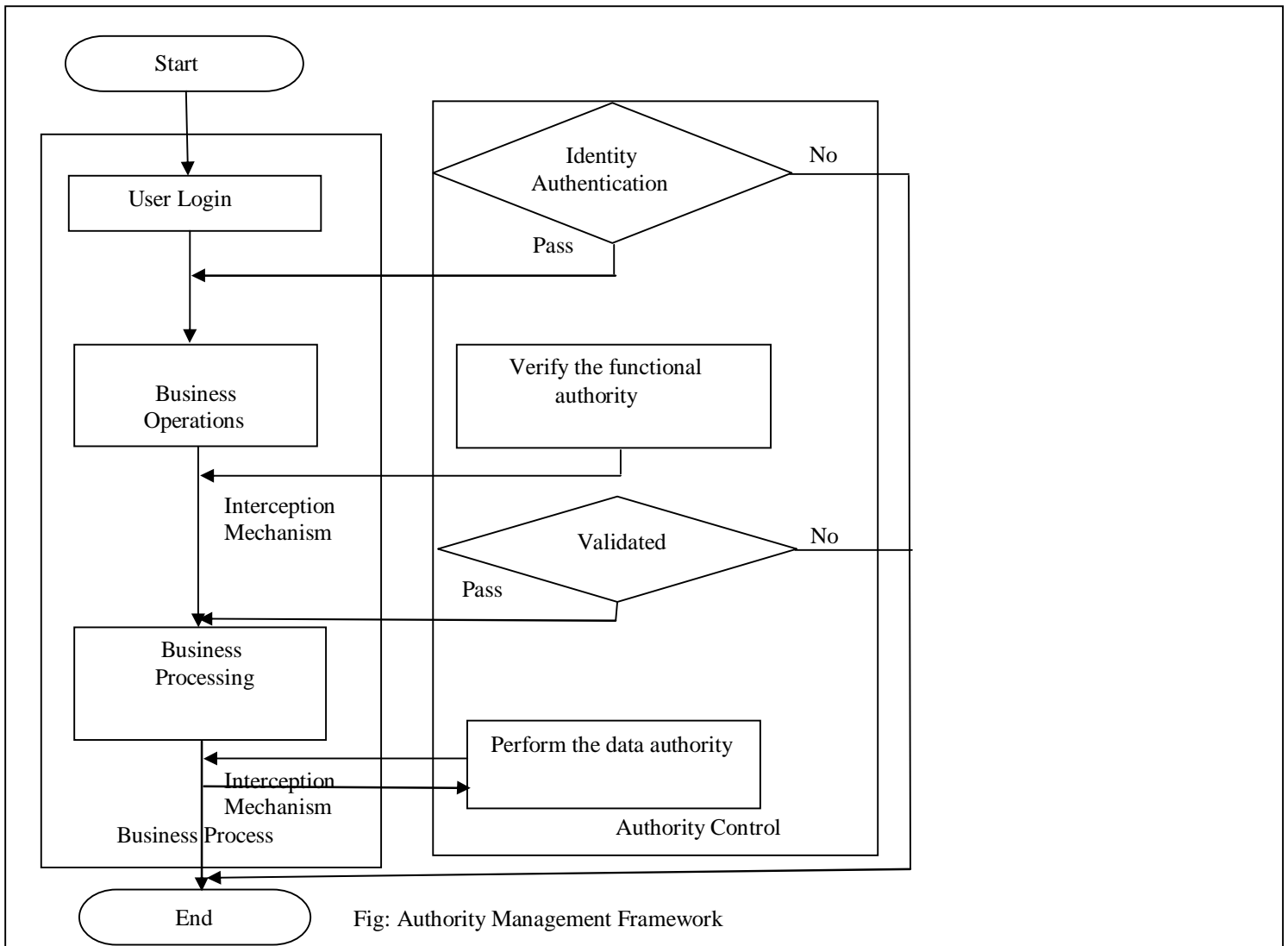
- **Scenario 1:** In first scenario the vendor signup to the Trader's Cloud and create his/her account and then uploads the product's image and it's description he/she want to sell through the medium of our website.
- **Scenario 2:** In second scenario, the Customer signup to the Trader's Cloud and browse the products they want to buy and can compare price of products from different Vendors.
- **Scenario 3:** In this scenario, if the customer wants to buy any product he/she can select the item and add the products to their cart and the quantity they need.
- **Scenario 4:** In this scenario, customers can proceed with their personal details, delivery address and payment modes.
- **Scenario 5:** In this scenario, Vendor confirms the request of the customers whether their order is accepted or not. And if the order is accepted, customers are informed by the vendors about the delivery date and time of the products arrival.
- **Scenario 6:** At the time of product delivery, the website will also provide with the billing system of the store.

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## IV. CONCLUSION

We are implementing an e-commerce website for the grocery store. It will provide the customer with an easiest and simplest way of buying products from the comfort of their home. This websites will also help vendors with the stock management and billing system for their store.

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