

# Trader's Cloud: An Easiest Way Of Trading

*LokeshGurbani, Sushil Kodwani, JiteshRahate, Shweta Potbhare*

Guide: Asst. Prof. Mr. Ajay Karare

Department Of Computer Science,

Jhulelal Institute Of Technology, Nagpur

## 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. Ecommerce 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 ecommerce 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. This project deals with developing an e-commerce website for online grocery sale.

It provides the user with a catalog of different products available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the user. The system is implemented using a 3-tier approach, with a backend database, a middle tier of php, and a web browser as the front end client.

## 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.

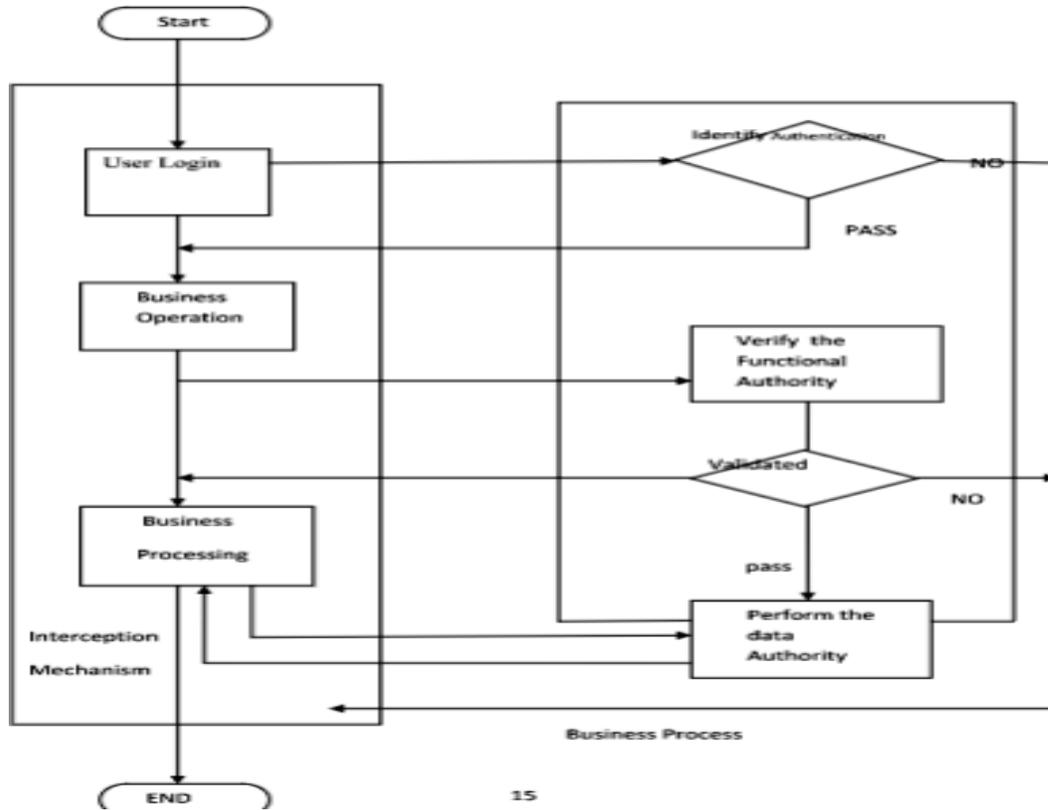
## **WORK FLOW:**

Generally, there are various types of e-commerce web applications. This paper mainly focuses on e-commerce web that serves grocery products to its customers. Since there are many websites but few focuses on providing its customer with day to day groceries within less amount of time. Existing systems include taking orders from customers and give those orders to the permanent or few vendors in their list and those Vendors fulfil these orders in 2-3 days atleast but our web applications provides order to the nearest Vendor to the customer so that the can provide good and fast services to their customers. In addition to this our system provides separate portals to Vendors and our customers, and the storage system is also added to our web, so that Vendor must be aware of the stock available at their store and a billing system for all the orders. The system will be aware of the stocks left in the Vendors store and will remind when the stock is low.

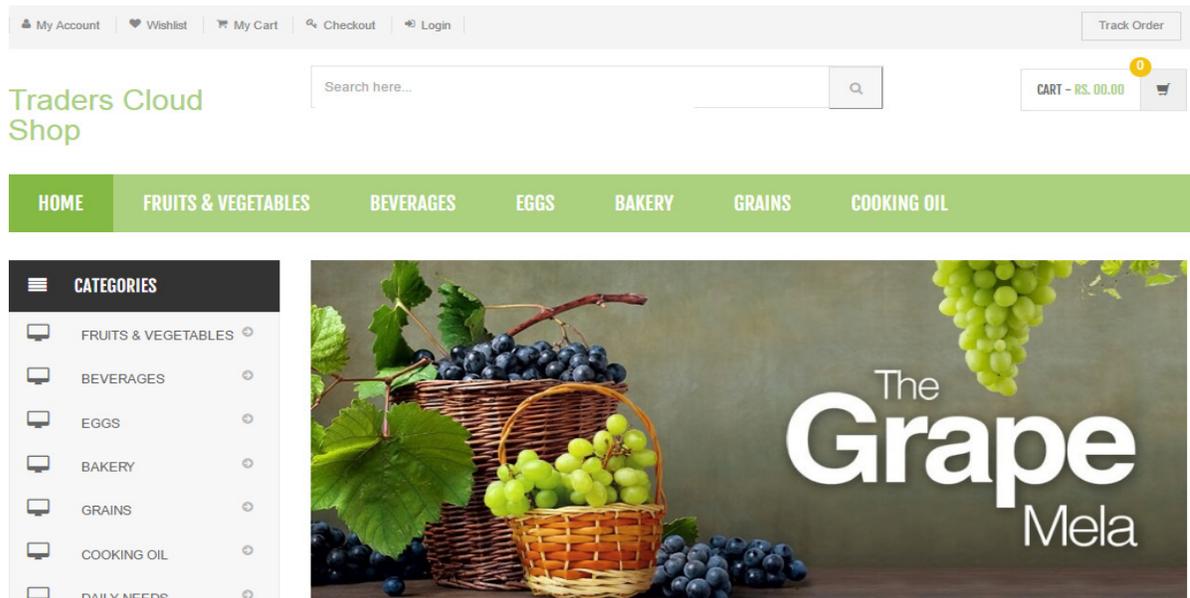
- **Login Module** – Login Module would consist of Users and Admin, each user would perform their respective functions as mentioned in the bove figure. Whereas, admin would maintain the stock and database and will also handle the application from their end.
- **Database Module** –This application will contain two databases – receipt database, database of balance sheets and lastly user database. Receipt database will contain all the information of the received receipts from bank such as – receipt no., date of transaction, holder name, product name etc. Balance Sheet database will contain – date of creation, department name etc. and lastly user database would contain all the information of the users such as – user-id, mobile number, name, product name, etc

## **BLOCK DIAGRAM:**

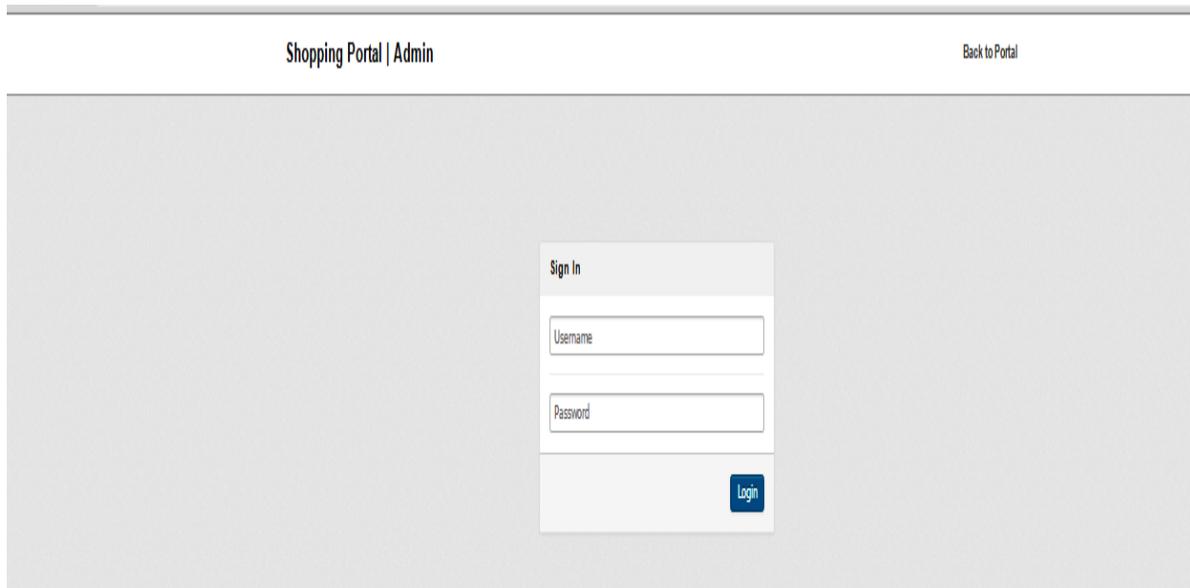
Here the users first gets the option of login or signup depending upon the choice of the user. After the user selects the login option, the identity authentication process is performed to verify the genuine identity of the user. Now after successful authentication user can perform business operations. The business operations are performed depending upon the authority provided by the admin. The business operations are performed after the successful verification from the database to avoid any errors in the processing.



**OUTPUT/RESULT:** Thus, we have implemented the Trader's Cloud website. Here are some snapshots:



**Fig a:) Menu page Interface**



**Fig b:) Admin Login**

## **Menu Page**

The below figure shows the default page of the Trader's Cloud. The page below shows the offers provided by the website and the products available or added by the Vendors. Here, you can see the login button where User can login to the website to buy the Grocery Products.

## **Admin Login Panel**

The figure b: below shows the Admin login interface. Here, the Admin can login to his account and can access the functions provided by the Trader's Cloud. The functions such as orders pending, stock available, billing, etc.

## **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 website will also help vendors with the stock management and billing system for their store.

## **DISCUSSION ON RESULT/OUTPUT:**

The above output i.e. fig a) shows the user interface from the users can buy the grocery products of their choice. There are also the highlights of the season and the new products from the Vendor. The users can login to their account and buy the products.

Fig b) shows the Admin login panel. The Admin can login from this panel and add the available products category wise and their prices and can also change the product quantity. The Admin can change the product availability according to their stock. And Admin can also check the amount of stock available to them.

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