

TERM PAPER REPORT

E-COMMERCE DATABASE MANAGEMENT SYSTEM

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BRANCH : BIOMEDICAL

SUBJECT: DATABASE MANAGEMENT SYSTEMS (DBMS)

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Currently, there are many shops which have their business up to limited areas only. Customers have to visit their shop and shopkeepers have to show many products and their details again and again. It is quite time taking so they hire workers to show products. Many customers have to wait outside because the size of the shop is small and due to limited workers. For personal work, shopkeepers have to close shop for a day.

Few problems for shopkeeper:

- Single shop covers business in a specific area
- Expenditures on shop like electricity bills, rent and salary of workers
- Storing of data are on papers
- Bills are manually created on papers
- Presence of shopkeeper at shop is required
- There is certain time limit to have shop open
- For increasing business, he has to open a shop in another area which would have above mentioned all problems.

Few problems for Customers:

- Customers have to manage their timings with the shop and have to personally visit the shop for the details of the product.
- Have to wait for the shopkeeper to be free from other customers.
- Customers can trust pre-users of the same product rather than shopkeepers, here reviews unavailable.
- On the spot selection and comparison of products is quite difficult.

Objectives of the Proposed System :

Proposed system is more beneficial than the current one. As every customer can see the product details and compare two products on their mobile itself. Customers are assured about the product by reading reviews from others who used that product. Shopkeepers do not have to explain again and again. Shopkeeper can manage his personal work along with his business. Shopkeeper can expand his business on a large scale without investing in making different shops.

Benefits of New System for both -

- Expands business on large scale
- Efficient way to select and compare products on customer's free time
- No unauthorized user can access the data
- Maintain detail of products and all record of money transaction and orders
- Less Capital needed on workers, electricity or rent etc
- Handling of many customers is very easy here
- No limits on opening and closing timings of shop
- Shopkeeper can do other personal work along with business
- Prices of product are somewhat less than shops as there no extra expenditures on shops

Definition :

This project aims at maintaining all the information pertaining to the customers, vendors, products, and their categories, orders, and couriers. It enables vendors to set up online shops, customers to browse through the shops, and a system administrator to approve and reject requests for new shops and maintain lists of shop categories. The system manages the items in the shop and also helps customers purchase them online without having to visit the shop

physically. The online shopping system will use the internet as the sole method for selling goods, products, and services to its consumers. The website will show all products in a categorized manner. Customers can browse any product for its price, other details and can order the product by using their registered account. The customer has to pay the order amount at the time of delivery.

Purpose :

There are many sellers who want to expand their business globally but due to unavailability of capital they can't do it. Many of them have one or two shops and a range of customers within those and neighboring cities only. By this project, those people will get a global platform to sell their product to a vast customer range. Moreover, it's a motivation for small scale sellers to expand their business.

Scope & Objective :

Nowadays, Every person has a personal smartphone. This project is giving a chance to think and decide patiently, which product will be best for them. E-commerce draws on such technologies as electronic funds transfer, supply chain management, Internet marketing, online transaction processing. In a retailer shopping system, customers will not get the actual truth about the product as the details will be given by the shopkeeper itself. But here, customers can compare products, check reviews of the customer who really bought and used that product.