

E-Bazaar

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Abstract— Project E-Bazaar is a workplace strategy that analyses the success story that is e-commerce and looks at how to transfer this means story into a unique workplace strategy. Bazaars are traditional marketplaces where social connections and bonds are very strong. People from all sections of society used to gather at the local bazaar. In this age of e-commerce, the Internet of things and technological innovations this communal spirit attains even more importance. Project E-Bazaar is a modern Interpretation of what in this age of digital markets, a market can become. It is a physical manifestation of the filters that exist has a digital market system between the buyers and sellers the middlemen and the profit takers. These filters can now be construed as barriers towards increasing the capacity and capabilities of a theta, market system especially in terms of expanding digital markets into rural remote areas.

Keywords— Online shopping, shop, customer, product, bill, price.

INTRODUCTION

In this age of e-commerce, the Internet of things, and technological innovations this communal spirit attains even more importance. as something to be carefully nourished through design, rather than a spontaneous result of a vernacular space. This connection can no longer be taken for granted. Project E-Bazaar is a modern Interpretation of what. in this age of digital markets, a market can become. It is a physical manifestation of the filters that exist in digital market system - between the buyers and sellers the

middlemen and the profit-takers.

Project E-Bazaar aims to connect rural. remote and underserved areas by providing what is needed for them to come under the fold of a digital market platform. If work takes place remotely. in various locations, what can a workplace do to connect remote, local businesses and help them to become more successful? Such a workplace.

As in Project E-Bazaar, a facilitate networking connection-making learning and knowledge sharing. This n what Project E-Bazaar does: as a response to the growth of digital invitee; and their expansion into rural areas, Project E-Bazaar attempts to he remote, rural businesses co forge meaningful relationships. Practically everything accessible in the conventional market are accessible on the web. On E-Bazaar you can purchase from groceries, vegetables, fruits to dairy products, pulses, etc. Here, we buy stationary like paper, pen, textbooks, drawing books to gifts and greeting cards.

This applications most important application is to connect local stores and vendors in a city or town. When you search for a product or any item to buy shows stores nearby to your location or the location you have entered. You just have to search for the items you need and buy it. Its purpose is show customers the item they are searching where it is available, nearest stores, prices etc. in that area. It's not applicable all over country or world, it's for each city or town. There are two options for delivery on our website- a. Home Delivery and b. Collect from store. When we order something from other e-commerce sites it takes 2 to 3 days for delivery. On our site you can search what you want so you don't need to visit the store and either get the delivery within 1 Hour or can collect it from the store directly

In conclusion, Project E-Bazaar is a strategy that optimistic work conditions for economic gain. by transforming the current workplace mode., while keeping values of social equity. environmental stewardship and sustainability at its core.

PROJECT CONCEPT

The motive of this Online Shopping Web Application is to allow the user to play with the search tool and create different combinatorial search criteria to perform exhaustive search. Making the application AJAX enabled gets rid of these unnecessary delays letting the user to perform exhaustive search. The users of this application can easily feel the difference between the Ajax empowered user interfaces vs. traditional user interfaces. Provide Interactive interface through which a user can interact with different areas of application easily. A search engine that provides an easy and convenient way to search for products specific to their needs.

This applications most important application is to connect local stores and vendors in a city or town. When you search for a product or any item to buy shows stores nearby to your location or the location you have entered. You just have to search for the items you need and buy it. Its purpose is show customers the item they are searching where it is available, nearest stores, prices etc. in that area. It's not all over country, it's for each city or town

The search engine would list a set of products based on the search term and the user can further filter the list based on various parameters. Provide Drag and Drop feature thereby allowing the user to add products to or remove products from the shopping cart by dragging the products in to or out of the shopping cart.

PROJECT DESIGN

Design of an application that has features like drag and drop etc. Design of application that decreases data

transfers between the client and the server. This project is based on the database and web based techniques. To keep the records in database it uses MySQL database which is one of the best and the easiest database to keep information.

This project uses WordPress which is one of the popular tool for web designed and is based on PHP as the front-end software and has connectivity with MySQL. The user's details and the product related information like product name, price, Description etc. will be stored in a database.

E-Bazaar system will contain the following modules.

1. User Module
2. Retailers Module
3. Product Module
4. Shopping Module
5. Admin Module

PARALLEL DEVELOPMENT APPROCH

This model of methodology attempts to address the problem of long delay between analysis phase and the delivery of the system. Instead of doing design and implementation in sequence, it performs a general design for the whole system and then divides the project into a series of distinct subprojects that can be designed and implemented in parallel. Once all subprojects are complete, there is a final integration of the separate pieces, and the system is delivered. Here we had used the same technique for development. For this we had divided our main project into two sub projects or we can say in modules. First subproject is to create a chat application and second one is the detection of the suspicious words present in the messages.

DEVELOPMENT TOOLS

I. PHP

The PHP Hypertext Pre-processor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web based software applications. This tutorial helps you to build your base with PHP.

II. Sublime Text 3

Sublime Text is a shareware cross-platform source code editor with a Python application programming interface (API). It natively supports many programming languages and mark-up languages, and functions can be added by users with plugins, typically community-built and maintained under free-software licenses. Sublime Text is powerful where you need it to be, but simple and out of your way at the same time. Great keyboard shortcuts and multi-selection options. Great package manager installation process for easily extending functionality.

III. MYSQL

MySQL is free and open-source software under the terms of the GNU General Public License, and is also available under a variety of proprietary licenses. MySQL was owned and sponsored by the Swedish company MySQL AB, which was bought by Sun Microsystems (now Oracle Corporation).

SYSTEM ARCHITECTURE

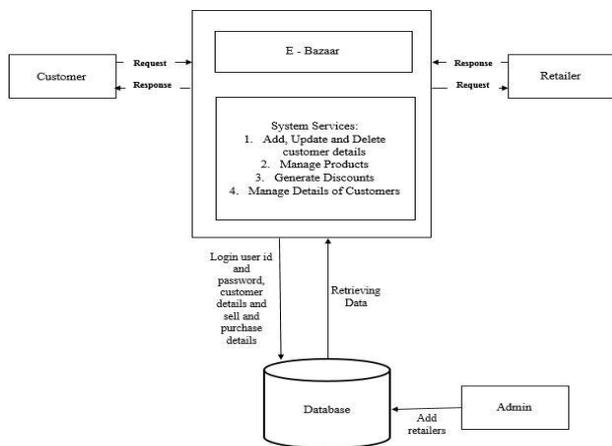


Fig No 1: Basic Architecture of the system

SYSTEM DIAGRAM

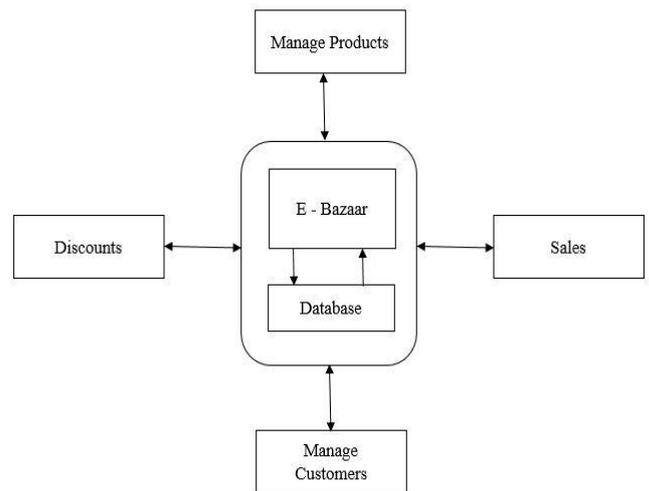


Fig No 2: system Design

DATA FLOW DIAGRAM

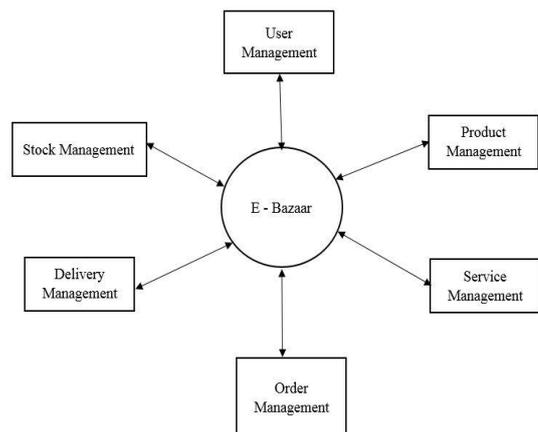


Fig No 3: Data Flow Diagram

APPLICATIONS

1. This system can be used by shopkeepers like- local store owners, vegetable vendors, gift shop owners, etc.
2. This system can be used by the one who doesn't know where will he/she will find the product they are looking for in their own city/town.

3. This system can be used by one who wants to buy products online and have them delivered in very little time span like an hour or two. This will be possible as the store they ordered from will be in their locality.
4. This system can be used by one to order online from their offices or from anywhere; either have products delivered directly at home or can collect the items the ordered directly from store when going home.
5. Retailers can use this system to earn more from online platform by adding their products on E-Bazaar.
6. This system can be used to sell like chain of multiple stores from a single site.

ADVANTAGES

1. Quick, easy and Paperless
2. Safe, reliable and Top quality service.
3. Multiple options for selection.
4. Fast delivery from stores near you.
5. Two delivery options-
 - a. Home Delivery
 - b. Collect from the store.
6. Quick and user-friendly search for any product.
7. Shows the nearest stores from your live location.
8. Multi-level Priorities & Severities.
9. Attachments & Additional Comments for more information.
10. Online payment methods available.
11. Drag and drop option in cart.
12. Decrease the load of the person involve in existing manual system.
13. Access of any information individually.
14. Work becomes very speedy.

LIMITATIONS/CONSTRAINTS

1. Requirement of Android smart phone for easy use of the system.
2. Requires Internet connection.

CONCLUSIONS

The Internet has become a major resource in modern business, thus online shopping has gained significance not only from the entrepreneur's but also from the customer's point of view. For the entrepreneur, online shopping generates new business opportunities and for the customer, it makes comparative shopping possible. As per a survey, most consumers of online stores are impulsive and usually make a decision to stay on a site within the first few seconds. "Website design is like a shop interior. If the shop looks poor or like hundreds of other shops the customer is most likely to skip to the other site. Hence we have designed the project to provide the user with easy navigation, retrieval of data and necessary feedback as much as possible. In this project, the user is provided with an ecommerce web site that can be used to buy books online. To implement this as a web application we used ASP.NET as the Technology. ASP.NET has several advantages such as enhanced performance, scalability, built-in security and simplicity.

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