

Recommendation Systems

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Abstract— The Internet revolution is sweeping the globe with such swiftness that companies around the world are trying to understand what is occurring, what it all means, where it is going, and how to leverage this new opportunity. In spite of the global nature of this new revolution, studies indicate that almost three fourths of all e-commerce (EC) is done in the United States today and that the United States accounts for 90 percent of all commercial web sites. The purposes of this study are to address several of the underlying rationales for the previous observations, to analyze this digital divide, to propose possible strategies to bridge and overcome this divide, and to propose some specific propositions based on the extensive literature search provided here. To address these questions, this paper provides a general framework including a discussion of present advantages of global EC growth, national and corporate EC comparisons, an analysis of EC limitations, and the development of strategies for global EC growth.

Keywords: EC: E-Commerce

I. INTRODUCTION

An eCommerce website is an information technology method in which trader, businesses/distributor/marketers can sell products/services and the customer can purchase on that website electronically by using internet on the mobile and computer. It means an e-commerce website is an online shop. e means electronic. Commerce mean business. Website means the group of HTML web pages and that is created to market/sell information/product/services.

In a bigger perspective, every website on the internet is the eCommerce Website. It can be the platform, it can be a marketplace, it can be portal, it can be apps, it can be an entertainment website, shopping website, online courses website and online degree college.

When you purchase a mobile phone /shoes/software/ flowers on any website such as Amazon, Flipkart etc. and pay through credit/debit card and then seller deliver the product through courier or post mail on your location then it's called e-commerce. In this case, Flipkart is an online store website or an e-commerce website.

When you subscribe to watch a cricket match, movies, and shows on any website such as hotstar through debit card and credit card it is called e-commerce. And in this way, hotstar is a digital and mobile entertainment e-commerce website.

When you rent or buy movies on YouTube and pay to watch by using the mobile/computer and internet it's called e-commerce. In this method, you have used computer/mobile and internet through electricity and visited youtube website to watch/buy/rent the movie and paid through debit card/credit card/ net banking/payment wallet etc. It means youtube is an eCommerce website in which you can buy/watch/rent the latest movies and shows.

The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, its requirements with respect to consumers. The purpose of this SRS document is to provide a detailed overview of our software product, its parameters and goals. Developing an online platform is a job that requires equal share of technological expertise and sound decision making. Principally built on PHP, this website offers human experience which makes the shopping experience as satisfying as in a real store. Programming engineers make it sure that the site is high on responsiveness and low on tech errors, which is the most favorable selling point of this online store. An e-commerce website allows consumers to electronically exchange goods and services with no barriers of time or distance. Electronic commerce has expanded rapidly over the past five years and is predicted to continue at this rate, or even accelerate.

II. OBJECTIVE & SCOPE

The objective of the project is to handle all the information regarding a person's bank account. Also it manages resources which were managed and handled manually previously. The main purpose of the project is to integrate distinct sections of the organization into consistent manner so that complex functions can be handled smoothly by any technical or non-technical persons.

– The scopes of this project are:

E-commerce is a term for any type of business, or commercial transaction that involves the transfer of information across the Internet. It covers a range of different types of businesses, from consumer based retail sites, through auction or music sites, to business exchanges trading goods and services between corporations. It is currently one of the most important aspects of the Internet to emerge.

III. ARCHITECTURE

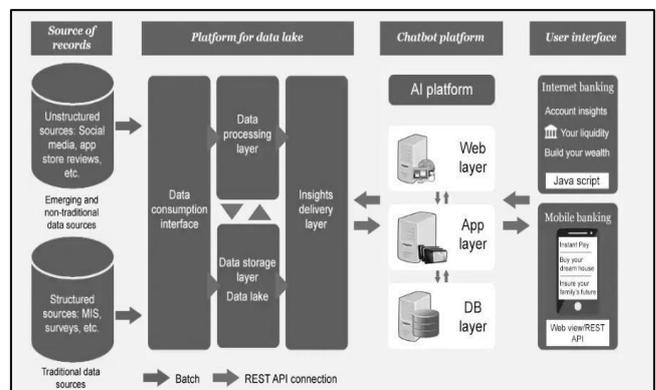


Fig. 1: Communication Interface

IV. PROCESS FLOW OF EXISTING SYSTEM

There are only a few existing systems for Online Shopping for example: Flipcrat, Amazone, but the main problem with these systems is that they all are paid and are not available for general use and hence cannot be used by common people and it is only used by project finance only.

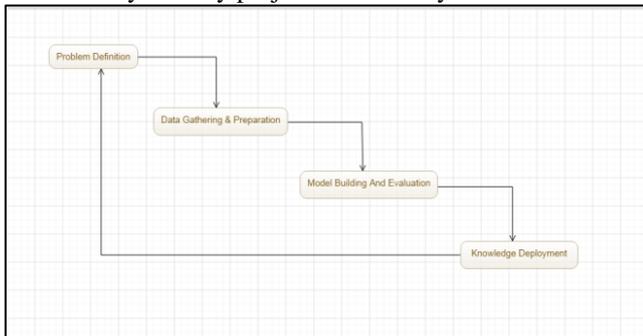


Fig. 1.2: Process Flow of Existing System

V. LIMITATIONS OF EXISTING SYSTEM

Some limitations of the existing system are:

- Requires special hardware for analyzing large data sets.
- Retrieval of large amount of data (around 100 to 150 million records) takes hours.
- Requires license cost.
- Failure costs of systems are very high.

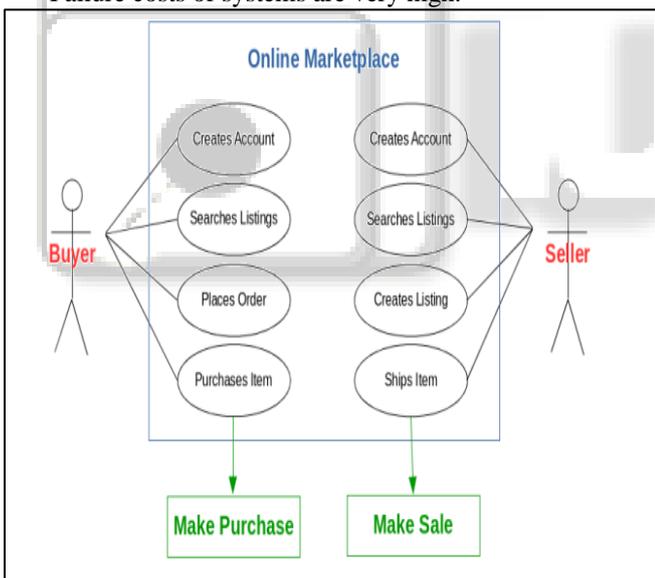


Fig. 1.3: Use case of Customer

VI. PROBLEM DEFINITION AND PROPOSED SOLUTION

A. Problem Definition

The Internet revolution is sweeping the globe with such swiftness that companies around the world are trying to understand what is occurring, what it all means, where it is going, and how to leverage this new opportunity. In spite of the global nature of this new revolution, studies indicate that almost three fourths of all e-commerce (EC) is done in the United States today and that the United States accounts for 90 percent of all commercial web sites. The purposes of this study are to address several of the underlying rationales for the previous observations, to analyze this digital divide, to

propose possible strategies to bridge and overcome this divide, and to propose some specific propositions based on the extensive literature search provided here. To address these questions, this paper provides a general framework including a discussion of present advantages of global EC growth, national and corporate EC comparisons, an analysis of EC limitations, and the development of strategies for global EC growth. The main objectives are:

- Quality issues.
- Delivery and logistics. One predicament that constantly turns up while shopping online is when the order will be delivered.
- Digital payment failures.
- Additional charges.
- Unclear return and guarantee policies.
- Lack of security.

VII. PROPOSED SOLUTION

The project is about to handle all the information regarding a person's bank account. Also it manages resources which were managed and handled manually previously. The main purpose of the project is to integrate distinct sections of the organization into consistent manner so that complex functions can be handled smoothly by any technical or non-technical persons. The project aims at the following matters:

- To manage customer account analysis report.
- To keep record of the transactions done before.
- Consistently update information of all the customers.
- Uploading of digitized records so as to lessen the use of paper.
- To solve every query of customer regarding his account.
- The scope of the project includes the following: -
- Any finance company can use this system as it is not client centric.
- All finance related queries for the customer can be solved using this system.
- Application Support & Maintenance after deployment to production. .
- Customers can easily ask queries.
- Service will be fast enough because of the technology used.
- Services will be available for 24X7 thus customer can use it whenever he wants.

VIII. ADAPTIVE SHOPPING GRANTING SYSTEM

The current shopping granting system provided by major banks of India is not supported by the applications which banks have developed till now. The features provided by today's online shopping applications are:

- Instant account opening
- Fund Transfer
- Smart Searching
- Purchase of products

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overview of our software product, its parameters and goals. Developing an online platform is a job that requires equal share of technological expertise and sound decision making. Principally built on PHP, this website offers human experience which makes the shopping experience as satisfying as in a real store. Programming engineers make it sure that the site is high on responsiveness and low on tech errors, which is the most favorable selling point of this online store. An e-commerce website allows consumers to electronically exchange goods and services with no barriers of time or distance. Electronic commerce has expanded rapidly over the past five years and is predicted to continue at this rate, or even accelerate. The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, its requirements with respect to consumers. The purpose of this SRS document is to provide a detailed overview of our software product, its parameters and goals. Developing an online platform is a job that requires equal share of technological expertise and sound decision making. Principally built on PHP, this website offers human experience which makes the shopping experience as satisfying as in a real store. Programming engineers make it sure that the site is high on responsiveness and low on tech errors, which is the most favorable selling point of this online store. E-commerce is a term for any type of business, or commercial transaction that involves the transfer of information across the Internet. It covers a range of different types of businesses, from consumer based retail sites, through auction or music sites, to business exchanges trading goods and services between corporations. It is currently one of the most important aspects of the Internet to emerge.

IX. CONCLUSION

Technology has made significant progress over the years to provide consumers a better online shopping experience and will continue to do so for years to come. With the rapid growth of products and brands, people have speculated that online shopping will overtake in-store shopping. While this has been the case in some areas, there is still demand for brick and mortar stores in market areas where the consumer feels more comfortable seeing and touching the product being bought. However, the availability of online shopping has produced a more educated consumer that can shop around with relative ease without having to spend a large amount of time. In exchange, online shopping has opened up doors to many small retailers that would never be in business if they had to incur the high cost of owning a brick and mortar store. At the end, it has been a win-win situation for both consumer and sellers.

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- To keep record of the transactions done before.
- Consistently update information of all the customers.
- Uploading of digitized records so as to lessen the use of paper.
- To solve every query of customer regarding account.

An e-commerce website allows consumers to electronically exchange goods and services with no barriers of time or distance.

Electronic commerce has expanded rapidly over the past five years and is predicted to continue at this rate, or even accelerate.

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