Comparative Based On Line Shopping System

Vidya D. Lamkhade, Pranali U. Mundhe, Pratiksha A. Yewale, Arti B. Zaware

Department of Computer Engineering,
Samarth Group of Institution College of Engineering Belhe, India

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ABSTRACT: NowadaysE-Commerceisverypopular and is a web based application intended foronlineretailers.Themainobjectiveofthisapplication is to make it iterative and its ease to use.Manypeoplebuytheproductforonlinebyusingonlineshoppingwebsites/applicationssuchasAmazon,Flipcart,Myntra, Meesho,Shopsyetc.Inthis system customer visit one website and buy theproduct on another website. Same product availablewith less price and better quality to overcome thislossesthenewsystemhavecomparativelytwoormorewebsitesatatimetocheckreview,productprice, product quality and buy the product. They canalsowritetheirownreviews.Itwouldmakesearching , viewing, and selection of a product easier.The search engine providesan easy and convenientway to search for products. Where a user can searchfor product interactively and the search engine wouldretainedtheproductavailablebasedontheuserinput.

Keywords- Shopping Cart, E-Commerce,Onlineshopping,E-shop, E-commercewebsite.

I. INTRODUCTION

This is the web based application in that end user areused this application for shopping purpose and easilycompareproduct,checkreviews,qualityandthepriceof product and also write their own reviews and seevarioustypesof products

1.1 Introductiontotheproject

A comparative based online shopping system is mostuseful for the customers . This system saves lots of a timeof a customer. This isapplication connecting with theweb application. In that one end user(Local people) usethisapplicationforthecompareproductorbuytheproducts and also compare the price, quality and reviewsoftheproductof twoormorewebsites/applications

These all content user watching or viewing all inhim/her device. When any user wants any product thenfirstlyregisterandloginonapplicationandsubmit. Comparative based shopping is a form of E-commercewhich allows consumers to directly buy good or servicesfromasellerovertheinternetusingaweb browser.Itisabusiness-to-customer(B2C) ecommerce site. Customer canshop online usinga range of different computers devices,includingdesktops,computers,Laptops,Tabletsandsmartphones.Onlinecustomersmusthaveaccesstotheinternet and a valid method of payment in order to completeatransaction.

1.2 Motivation

The motivation behind this project is to provide theeasetocustomer(Localpeople)inordertoprovideproductsfromanywherewithoutwastingthetime&money. This system also helps us to reduce the time forsearching a better product. The product can be effectivelytailoredtothevarioussegmentsofconsumersbyclassifyingthecustomersaccordingtohowtheyaremotivatedtoshoponline.Inaddition,classifyingconsumers based on their motivation informs business ofwhatclientslookoutfortheirattitudeduringtheShoppingdecisionmakingprocess.

1.3 ProblemIdentification

There is no such type of s e-commerce site in India.Which provide this types of platform. India is developingcountry&workingusingthiscomparativebasedonlineshoppingsystemtheyareabletofindthebestproducteasilyand buy the productandpaythe money onlineorcashondelivery.Duetothecomparativeplatformthisproducts helps the customers for the short listing So thisprojecthelpsthecustomers,for their better selection.

1.4 Algorithms
1. Comparisonbasedsortingalgorithms
- InsertionSort
- SelectionSort
- BubbleSort
- MergeSort
- QuickSort
2. ProductRecommendationEngine
3. Algorithmsforsecurityanddatabase:
- Symmetrickey algorithm

II. OBJECTIVES
1. Comparative based online shopping system will workunderone webbasedapplication.
2. Customer will getmessage or the suggestionsaboutthe product and related search of product through theSMSemail or notification.
3. Refineserviceefficiency.
4. This system. pre-defined on which the whole systemwork to achieve them by managing the details of allcustomers, payments, bills, products, shopping, & soon.
5. Helpsin boosting efficientservices.

Various projects are being implemented for improvingtheonlineshoppingwebsiteforthe end-users.Oneplacewhere we can get all required goods / products online Theproposed system helps in buy the product in better quality orlesscostusinginternetconnection.Purchasingofgoodsonline,usercanchoosedifferentproductsbasedoncategories online payments. This problem can be solved byusing comparative basedonlineshoppingsystem.

4.2Design
Firstly, customer can login when he/she register on ourweb application. The customer open this application. He/shewant any product. Then they search this product & comparetheproductqualityreviewandpricethenfindthebestproduct. If product found after that He/She click on belowlink.

III. LITERATURE REVIEW
3.1 ExistingSystem
An online shopping system is a process in whichpeople (specific customers) are being provided with theoption ofpurchasing goods andservices directly fromtheseller,allinareal-timeenvironment.Onlineshopping is an application of the internet as electroniccommerce.Fromthebusinessperspective,customersusually find the products more attractive, on websites, asthey get all the details available there. People in largenumber are doing online shopping today, and it is notonlybecauseitisconvenientasonecanshopfromhome,butalsobecausethereisanamplenumberofvarieties available, with a high competition of prices, andalso it is easy to navigate for searching regarding anyparticularitem.Forsellers,theirproducthasaccesstotheWorldWidemarket,whichalsoincreasesthenumberofcustomersandenhancescustomerrelationships.

Also, web stores are a means for small-scale companies to launch their products at the globallevel. The main objective of this project is to develop aweb-orientedapplicationthatcanprovideanonlineshoppingfeature tousers.

3.2 Disadvantages of Existing System
1. Itisan timeconsuming application,
2. Spendingtoomuchtimeonline.
3. Wastageofmoneyandcouldnotfindbetterquality ofproduct.

IV. PROPOSED SYSTEM DESIGN
4.1 Analysis of problem
In day to day life, we will need to buy lots of goodsorproductsfromashop.ItmaybeelectronicItems,householdetc.Inordertosolvethisbusiness-to-consumer(B2C)E-CommercewebsiteshavebeenStarted.Thisexistingsystemofbuyinggoodsorproductsit requireslotsof time.

It will go to the website where the actual product isavailable then they can buy the product. or add to card. AfterthatbyfillingtherequiredinformationaslikeMobileNumber, Address, Email then the payment option is availableby online mode and cash on delivery both the options areavailableforthe payment. Then youcanorderyourproduct.

4.2Design
Firstly, customer can login when he/she register on ourweb application. The customer open this application. He/shewant any product. Then they search this product & comparetheproductqualityreviewandpricethenfindthebestproduct. If product found after that He/She click on belowlink. CommercewebsiteshavebeenStarted.Thisexistingsystemofbuyinggoodsorproductsit requireslotsof time.

It will go to the website where the actual product isavailable then they can buy the product. or add to card. AfterthatbyfillingtherequiredinformationaslikeMobileNumber, Address, Email then the payment option is availableby online mode and cash on

delivery both the options areavailableforthe payment. Then youcanorderyourproduct.

4.3Advantages
- Chooseproductfasterandeasier atoneplace
- Savethemoney and timeanditsuser friendly.
- Good/Trustedandbestproductbuy theuser
- Alerts and real time reporting through Email or MobileNumber.
- Two or more application products are view in the onesite.
- They can easily compare products and prices at differentapplication.
- The most valuable advantage the customer witness in anye-commercepurchaseisthesaving oftheirprecioustime.

4.4 Architecture Diagram
The scope of comparative based online shopping system inthenearfuturelookstobeeverincreasingandgrowing ,because the trend has really caught on here. Online ShoppinggiantAmazoniskeentoconquertheIndianmarkethasalready invested a great deal, especially with its 49% stake inthefuturegroup.IndianonlineretailgiantFlipcarthas already opened few offline stores & a plan to combine online&offlinestorestomaximizetheirsellingpotential.Thegovernment. ofIndia also making a huge push E-commercebyprovidingnumerousshopstostartups.
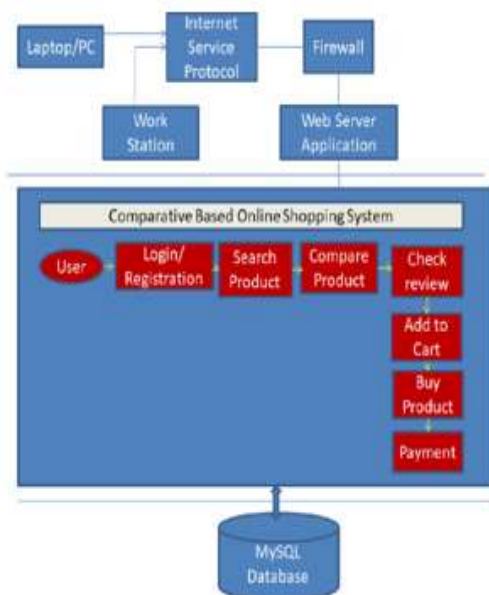

Fig: Architecture diagram.

V.   CONCLUSION AND FUTURESCOPE
5.1 Conclusion
Thecomparativebasedonlineshoppigisdesigndedtoprovideawebbasedapplicationthatwouldmakesearching, viewing and selection of a product easier. Thesearch engine provides an ease and convenient way tosearch for products interactively and the search enginewould retrieve the products available based on the user'sinput. The user can view the complete specification ofeachproduct. Theycanalso view the product reviewsand also write their own reviews. Use of comparativesystemwouldmaketheapplicationinteractiveandpreventsannoyingpostback.Ithelpstomoreaccountable as well as more transparent, above survey &proposedsystemwillhelptofindbestproductinminimum cost&betterquality.

5.2 Future Scope
The scope of comparative based online shopping system inthenearfuturelookstobeeverincreasingandgrowing,because the trend has really caught on here. Online ShoppinggiantAmazoniskeentoconquertheIndian markethasalready invested a great deal, especially with its 49% stake inthefuturegroup.IndianonlineretailgiantFlipcarthasalready opened few offline stores & a plan to combine online&offlinestorestomaximizetheirsellingpotential.Thegovernment. ofIndia also making a huge push E-commercebyprovidingnumerousshopstostartups.

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