Web Application For Home Theaters

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Abstract-*In today's fast-changing business surroundings, it's very vital to be able to answer consumer desires within the simplest and timely manner. If your customers want to envision your business on-line and have instant access to your product or services. on-line searching may be a mode e-commerce internet application, that retails varied fashion and mode product. This website will be home theatre designer application which will provide the solutions or products to the user according to their needs and requirements. To display the products we will be using ontology-based information retrieval system. This project provides a straightforward access to directors and Managers to look at orders placed and book demo. This can be a project with the target to supply nearest dealer name to the client once client needs to shop for the merchandise from neared approved business concern.*

Keywords*- Website Development Strategy, Ontology, Information Retrieval, Optimum Solutions, Filters, Content-Based Management.*

I. INTRODUCTION

E-commerce is quick gaining ground as an accepted and used business paradigm. A lot of business and homes are implementing websites providing practicality for playing business transactions over the net. It's cheap to mention that the method of searching on the net is becoming commonplace. The objective of this project is to develop a general purpose e-commerce store wherever product like home theaters are often viewed from the comfort of home through the net. However, for implementation functions, this paper can handle a web which helps the users in buying home theater according to their needs & requirements and within their budget. An online store may be a virtual store on the net wherever customers will browse the catalog and select merchandise of interest. The chosen things could also be collected in an exceedingly pushcart. At checkout time, the things within the pushcart are going to be bestowed as AN order. At that point, more information are going to be required to finish the dealings. This web application is mainly focused on people which do not like window shopping. The input will be given by the user through filters after logging in [4]. The information retrieval strategy will be applied to generate the relevant solution. This web application is also providing most trending and most recently viewed systems, this can be done by using information retrieval methods. The most commonly used information retrieval method is crawling. Crawling is also called as spidering [5].

Crawling means scanning the whole database and displaying the genuine information to the user. The web application specifies product details by searching, storing and retrieving user log details. The information retrieval is helpful in improving the quality and quantity exchange between user-to- business and business-to- user for purchasing the product. For designing the web application we are using JSP. The term Java Server Pages (JSP) is basically a scrip language that helps software developers to create dynamically generated web pages based on HTML, XML, or other document types. It released in 1999 by Sun Microsystems, jsp is similar to PHP and ASP but it uses the Java programming language [6].

II. LITERATURE SURVEY

Paper evaluates on how to make ecommerce successful. There are various ways of measuring website quality factors such as increasing profit and gaining competitiveness [7, 8, 9]. These models help in making a website development strategy for ecommerce by measuring website quality factors and enhancing those factors to make ecommerce successful. However it's a challenging issue in developing a preferred website for the customers, since there is a need of understanding online customer's perception. Business transactions can be made simple for buyer as well as seller in exchanging goods or services for money [1].

Strategy can be made by creating links between e-business drivers, operational excellence measures and financial success measures. Quality must be provided with quick responsiveness, assurance and effectiveness of online support capabilities. According to research users tend to select technology that has been selected by large number of other users. Studies have also found that price savings significantly influence customer's satisfaction and could have negative effects in selling high price products. Trust is an important part in ecommerce growth and development which refers to security and privacy. Protection of customer's information and various types of data are collected during customer's interaction with ecommerce websites [1].

The paper refers to easy retrieval of information by using ontology based retrieval methods. As ecommerce has become an important part in people's day-to- day life of this revolutionized world [10]. Searching and surfing data for website activity becomes essential as lot many options and websites for single entity of ecommerce is presented before user. Internet consists of large set of databases were many not as much relevant data of no choice to particular task of user exist. In this paper a basic ontology of ecommerce along with its superclass and subclass as well as its siblings. The crawler is ontology based ecommerce application [2].

There is a huge data available on web. Today, web pages give simple access to heap of content and mixed media information [11]. There are about one billion pages are listed via web crawlers and discovering of carved data is very difficult. One of the important issue related productivity of data social affair is "over-burden". The issue of data over-burden happens when a different number of unimportant records may be thought to be relevant [2].

There can be various suggestions to our own idea of web representation in the form of a website. Motive to develop a specific representation of the website can be educational purposes or business demands. It's important that the representation of the web and the content should be up to date. Therefore, it is necessary to assure its update. The current study identifies the problems which related to website management. It presents various methods for web management and representation. It documents experiences and suggested solutions which can be related to our web based tool for content management systems. It also evaluates the correctness or how appropriate is the solution. The idea of using already prepared graphic templates fulfil the demand for combining graphic templates to create and improve website's graphics [3].

III. PROPOSED SYSTEM

A large number of studies have been made for developing a web application which is based on a CMS (content management system).There should be user satisfaction while accessing the application.
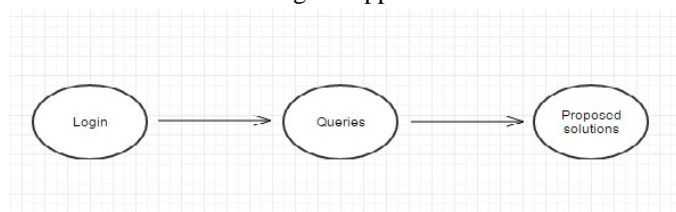

Fig-1: Overview Model

The above model gives the rough idea about the working of a system. In this system, the user first login into his account. The will first have to register through Facebook and Google account and if the user has already register with the website then he can directly sign in with his username and password. The will not be able to answer the queries unless he logs in. After logging in, the user will be redirected to the homepage and all the trending and most recently viewed systems would be displayed. The user can use the filters provided in the website, the filters would contain different parameters such as price, brand, type of system etc. The more detailed model is shown below.
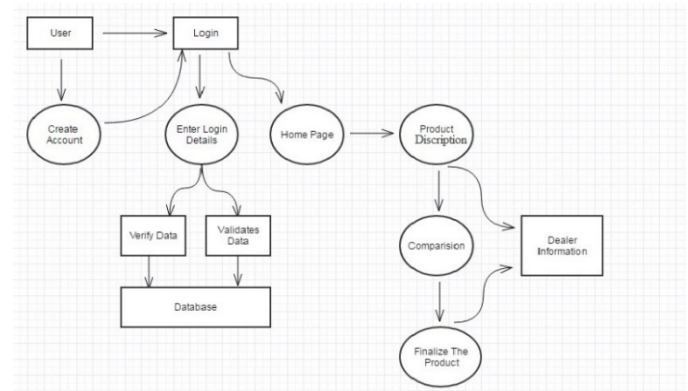

Fig-2: Detailed Model

In this model a particular user can act in two ways, either he can directly logs in or if he does not have any account then he has to first create it and afterwards enter the log in details. These log in details are verified and validated from the database and thus the user can able to see the homepage. After performing different queries the required solutions are displayed. The solution can be compared with the different systems and also the in detail description of the particular solution is shown. After finalizing the product, the dealer's information is shown to the user where he can book a demo for that product and take a visit to the dealer and gain more information about the product.
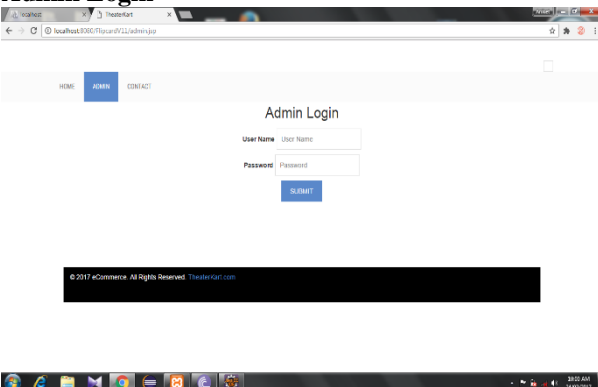
IV.RESULTS

Home Page
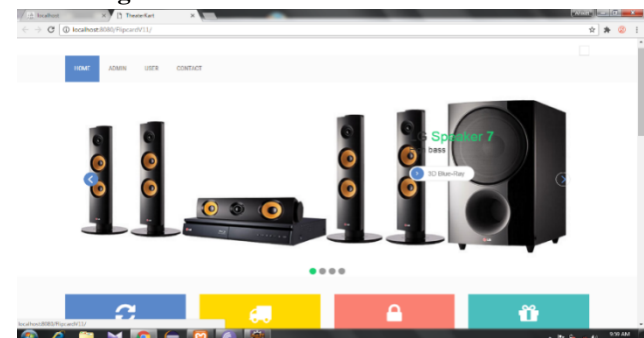
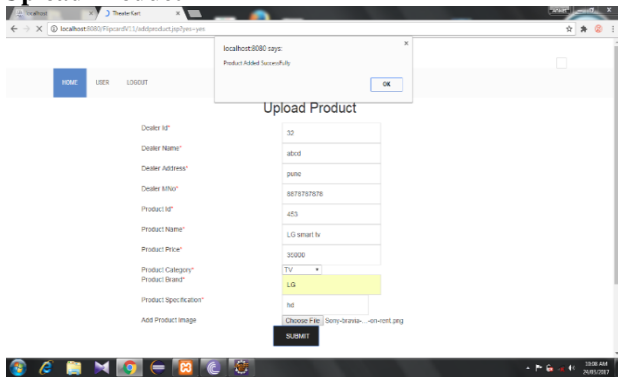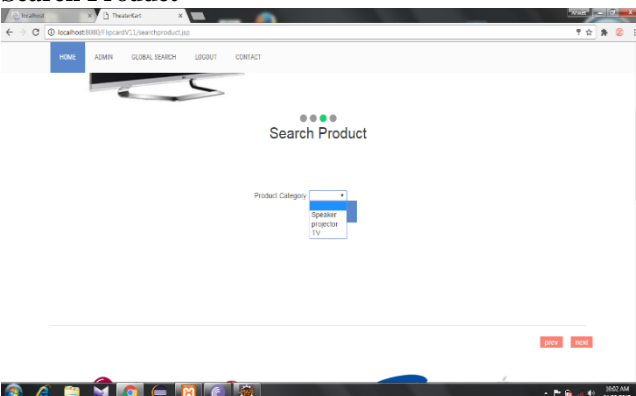## User Login
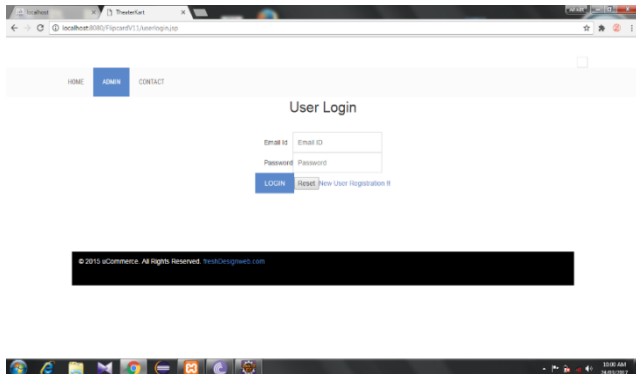
Admin Login
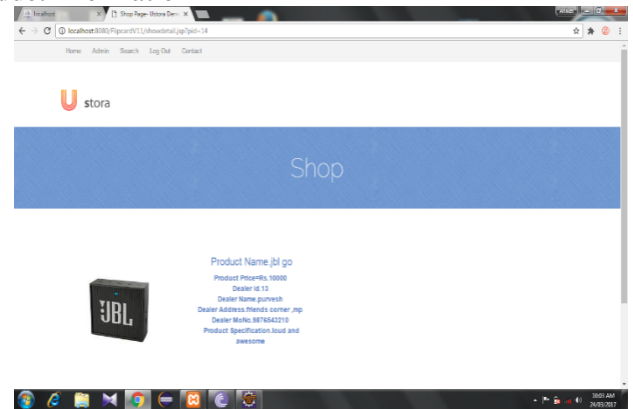

Upload Product

Search Product

Product information

IV. CONCLUSION

Based on the previous studies and different papers which are referred, the proposed conceptual model provides a simple way to use a CMS based application and on the understanding of the online customer's perception but the proposed model's main focus is provided on the satisfaction to the end user. User will be satisfied with the features provided such as filter, dealer's location and also we can provide reviewing system .The trending system and mostly recently viewed system will help user to get to the most popular products.

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