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AI Multi Agent Shopping System

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Abstract: The aim of "Ai multi agent Shopping system" helps the user to search products and compare the price of the particular product and shows the least price of the product. Nowadays e-shopping systems use the Internet as its primary medium for transactions. E-shopping has grown in popularity over the years, mainly because people find it easy to buy number of products comfortably from their places. This technology is used to improve the customer's needs which include faster response time. Agent for e-Shopping creates connectivity on an anytime-anywhere & any basis to provide the specific products required by the customers based on optimization and scalability. When a user search for a particular product the agent search that product on the site which has been given and compare that particular products price and it will show the least price on the right side. The conclusion shows that the system can help customers to save time for Internet shopping.

Keywords: Ai multi agent shopping system

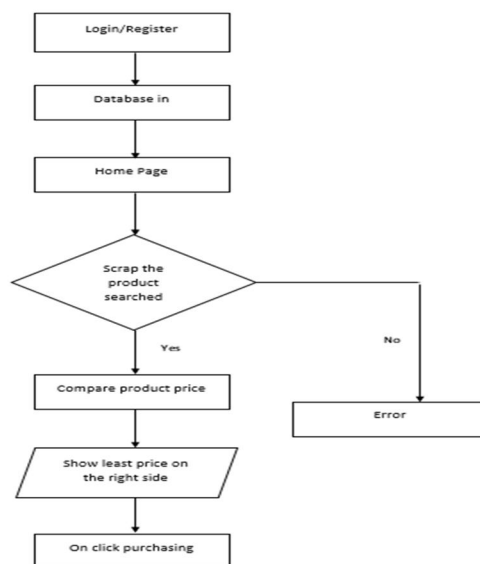
I. INTRODUCTION

Nowadays buying and selling products on the Internet is one of the most popular examples of ecommerce. Sellers create store fronts that are the online equal in value of retail outlets. Buyers search and purchase products very easily. Though Flipkart.com is not the pioneer of online shopping, it is one of the most famous online shopping site. Ai multi agent shopping system focus on providing the products comparison and the least price. Some of the peoples search the products on the various websites to compare their prices, this process is time consuming. By using this Ai multi agent shopping system it will be easy to compare the price of the particular product.

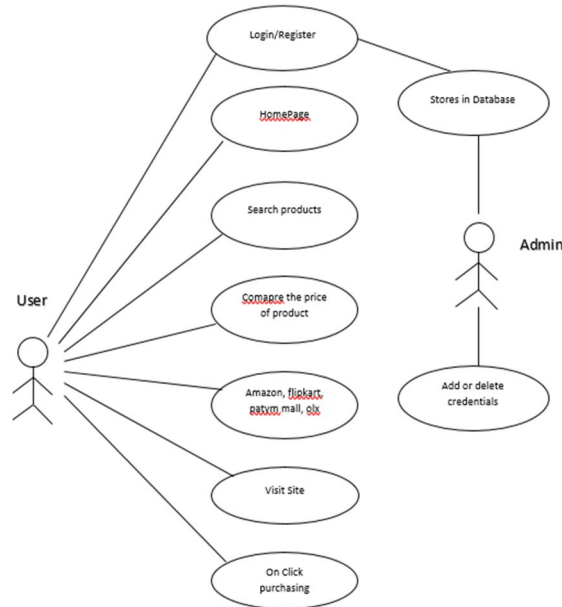
II. LITERATURE REVIEW

Today there are vast numbers of ecommerce website and which we can buy various products and each website has its own discount on the product price. Now a days we have seen many peoples who want to buy some of the products online, they used to search their particular products on various ecommerce websites, and after that they note down and compare all the prices of the particular product, after that they decides to buy the product on a particular websites which has least prices than the other ecommerce websites, this process is time consuming. Most of the people do this thing to buy products online. Some people does not think about the price but other people thinks about the price that if we get some less price on other website and these people keep searching the products on various website and note down the prices for comparison. And after comparing the price they have to go to the particular website that they have decides which has the least price.

III. SYSTEM ARCHITECTURE



Use Case Diagram



IV. PROPOSED METHODOLOGY

The proposed structure is made up of two panels:

- A. User
- B. Admin

The visitor must complete their registration, after completing the registration the information is stored in admin panel. After register/login by the user the site comes up with the home page containing a search bar and a logout button. When the user search for a particular product it scraps information from the given web pages in our projects i.e. amazon, flipkart, paytm, mall, olx. After the information is shown on our website the least price is shown on the right side of our project, and we can visit all the site by just clicking just a visit site button and buy the particular product and hence have speedy response for the user. For searching a particular product we have to give the proper name of that product. The admin can add or delete the users by accessing the admin panel of our website.

V. CONCLUSION

By using AI multi agent shopping system it is very helpful for peoples to compare the price of the particular products and we can visit site by just clicking one button and it is time saving, has speedy response, optimize search. The admin can access to add and the login credentials and manage the database. Finally the conclusion shows that the system performs easily and can help customers to save much more time for E-shopping.

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