

Product Review Analysis for Genuine Rating

ABSTRACT

This system is used to help a user to get a product at its best choice and best price. The Admin and the user part both are an Android Application thus the front end uses Android Studio and SQL Server as its Backend. This system allows the user to look into a product with different reviews and rating rated by other users and for his simplicity the system shows the overall average rating of that product. The System also allows the user to compare 2 products of the same kind or same category and to rate and review the product as he wishes too but limiting to only once per product. The System is meant to give a rough as well as a much detailed idea of whether the user should go for a product. The System gives a list of sellers and its price offered which is added by the admin for the user's convenience and preference. The Users role is to check out for the product using all the resources offered by the system in finding the best product and give his rating and review. The User is also allowed to give his feedback. The Admin is responsible to add update or delete a product while adding seller's information as well and likewise view users and their feedbacks.

EXISTING SYSTEM

In the existing system, Products Review analysis system which provides a platform to registered users to rate a particular products using this system. Product review analysis is a web application which consist multiple products added by admin to review to rate and review them. The System also allows the user to compare 2 products of the same kind or same category and to rate and review the product as he wishes too but limiting to only once per product.

DRAWBACKS

- It requires active internet connection else error may occur.
- Wrong reviews and ratings will affect the overall ratings of a product.

PROPOSED SYSTEM

We propose an advanced Products Review analysis system which provides a platform to registered users to rate a particular or multiple products using this system. The system uses product review analysis in order to achieve desired functionality. Product review analysis is a web application which consist multiple products added by admin to review to rate and review them. The System takes reviews of various users, based on their personal opinion, system will specify whether the posted product is good, bad, or worst. We use a database of sentiment based keywords along with positivity or negativity weight in database and then based on these sentiment keywords mined in user review is ranked. Once the user login to the system he views multiple products and gives review about the product. User can view product description, price and links to buy the product. System will use database and will match the review with the keywords in database and will rank the review. The role of the admin is to add new products, their description and also provide link to buy the product into database. Admin can also view added products, view registered users and view system related feedbacks from the registered users. This application is also useful for the users who want to buy new product. This system helps to find out good product based on multiple user's positive reviews.

ADVANTAGES

- The System should have an active internet connection.
- The user has to Login to make use of the system keeping the data secure.
- The system helps the user to get the best product with many resources.
- Minimizes user's time.
- User can rate and review a product.

Modules:

- Admin
 - Add Product
 - View Product
 - Edit Product
 - View User
 - View Feedback

- User
 - Registration
 - Login
 - View Category
 - View Product
 - Rate/Review
 - Compare
 - Feedback
 - Update Details

System Requirements:

Software Components:

- Operating System : Windows XP, Windows 7(ultimate, enterprise)
- IDE : Android Studio

Hardware Components:

- Processor : Pentium – III
- RAM : 1GB
- Hard Disk : 5GB

- Android Phone with kitkat and higher.
- Internet Connection

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