

Online Book recommendation System using Collaborative Filtering

ABSTRACT

Recommendation systems are tools in e-commerce websites which helps user to find the appropriate products. With the rapid development of internet technologies the number of online book selling websites has increased which enhanced the competition among them. This paper presents online book recommendation system for students reading textbooks. The main motive of this paper is to develop the technique which recommends most suitable books to the students according to their price range and publisher's name. This is based on the combined features of classification; user based collaborative filtering and association rule mining

EXISTING SYSTEM

In the existing System, The book recommendation system must recommend books that are of buyer's interest and human ratings. Recommendation systems are widely used to recommend products to the end users that are most appropriate. This system uses features of collaborative filtering to produce efficient and effective recommendations. It was developed without using Collaborative filtering.

DRAWBACKS

- Dependent on human ratings for books

PROPOSED SYSTEM

This Online book selling websites helps to buy the books online with Recommendation system which is one of the stronger tools to increase profit and retaining buyer. The book recommendation system must recommend books that are of buyer's interest. Recommendation systems are widely used to recommend products to the end users that are most appropriate. This system uses features of collaborative filtering to produce efficient and effective

recommendations. Collaborative recommendation is probably the most familiar, most widely implemented and most mature of the technologies. Collaborative recommender systems aggregate ratings of objects, recognize commonalities between users on the basis of their ratings, and generate new recommendations.

ADVANTAGES

- This system saves the precious time of customer and very efficient to use.
- Provides large number of choices for books & also recommend for books.
- User can buy book easily by making online payment.
- The system recommending algorithm scale well with co-rated items.

Modules:

- User Module.
- Admin Module.

System Requirements:

Software Components:

- Operating System : Windows 7 or Higher.
- Server : WAMP Server.
- IDE : Notepad++.
- Database : My SQL 5.6

Hardware Components:

- Processer : Pentium – III
- RAM : 1GB
- Hard Disk : 50GB
- Monitor
- Internet Connection