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1. Problem Statement

eBook Portal

Problem Statement

Almost every activity in the world today is controlled by computer driven web applications. This trend was first accommodated by engineering applications in the past. However, as the lifestyle became more and more complex, every area of human interactions was invaded by various web applications, such as real time, business, simulation, embedded, web based, personal and more recently, artificial intelligence software etc. Because of the emerging trend of digital world, users are now preferring eBooks instead of hard copies. According to the above facts, managing and maintaining a stock of eBooks is needed to be controlled by a web portal.

In real world, it tends to associate with automated systems as they provide many benefits than doing the same thing in manually. As above mentioned, here we have introduced a system which can be used to maintain eBook portal.

Objective

This eBook Portal is used to overcome the entire problem which eBook readers are facing currently, and making an online where eBooks will be available to download. Users can query the availability of a book either by using the book title or by using the name of author.

Functional Requirement:

User Interfaces

The system users are:

- ✓ The eBook portal management as the system administrators.
- ✓ Premium members who get themselves registered, as the normal users.
- ✓ Visitors (unregistered).

System Administrators

- The administrator logs on to the system by inserting administrator user name and password.

- Administrator can do any activity such as editing all details inside the database such as adding, editing and deleting a new user or adding, editing and deleting items.

Premium Users

Premium users are the ones who get themselves registered for getting access to premium eBooks.

The users have to enter the user name and password and click on 'Login' button. If user makes any mistake the system will ask for the correct username and password until he enters the correct one.

Visitors

Visitors or walk-in users are the ones who don't have any account. They can't get access to premium eBooks but fortunately they can access free eBooks that are available for download.

The eBook Portal will perform following functions:

- ✓ User Identification (login)
- ✓ Record Items (Add, Update, Delete, View)
- ✓ Search for existing eBooks
- ✓ Downloading of eBooks