DBMS Project

BookWagon

*A Book Rental and Review system*

Introduction

Books can be rightly called the world’s most treasured possession, even with the advent of e-books, paperbacks have been evergreen. Along with this, one also has to remember the fact that the current generation is aware of the unhealthy dependency and issues that can arise with overuse of technology. There are innumerable reader’s around the world, all sharing different tastes, views and experiences that they acquire while reading. Therefore keeping in mind the wide reader’s community and the various perks of reading, we’ve thought of a book rental review system that goes beyond just exchange of books and aims at forming an enriching forum where reader’s can not only lend and borrow a wide variety of books but also be a part of a blog in the niche of book review.

Existing Software Systems :

There are a few online libraries of the similar system. For example:

* DoorstepBooks
* Justbooks
* Booklender

These sites provide a smooth renting service in specific locations depending on their collection of books which they buy from certain publishing houses.

Limitations of Existing System :

The current system has certain limitations that our project aims at rectifying:-

* The current systems lack the formation of the reader community.
* The reviews are mostly from the point of view of a client unlike the intellectual analysis in the form of a blog that we aim to create.
* The User experience is rather uninteresting and complicated.
* The current systems do not give the members of the community the option to lend their books and earn.
* Our system also puts together features to ensure better service in the basis of security.

About Us :

BookWagon is an intricate book rental and review system, which can also be called a book bank. It is a system of organising a book exchange community. This system will include the option of lending and borrowing books with a security deposit involved. We plan to have books from the members as well as publishing houses in our database. BookWagon also runs a simultaneous blog in the niche of book review so as to ensure the formation of an intellectual community of book exchange and intellectual exchange.

Benefits/Modules :

Formation of member database:

The membership database will be formed through a sign up gateway in the website for the definite creation of the community.

Formation of book database:

The book database will be formed with the details of the books collected from the publishing houses and the lenders from the community.

‘Add to cart’ system for books to be rented:

The cart system has to be formulated for the working of the online shopping gateway.

Availing members to be lenders:

The members will also have the option of lending books and putting it up for exchange.

Email verification after login:

Once a member creates an account and logs in they will be getting an email verification.

User profile page:

The users can see their profile page which will display details of their account and activities.

Scheduling and tracking of books:

Once the books are rented out a scheduling and tracking system will be formulated for the same.

Blog formation:

A blog will be formed with the book reviews that the members put in.

Technology :

The technologies used in the project are the following :

Ø **Database :**

* MySQL :- MySQL is an open-source relational database management system (RDBMS). The web application requires incorporation of many databases to store the details of the volunteers and the different data that the client wants to include for the promotion of events and furthermore handle the volunteers according to their needs.

Ø **Front End / Client Side :**

* HTML and CSS :- Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) .We focus to use HTML and CSS to design and create the static pages of the web application. The motive to create visually appealing and easy to navigate pages to help attract users and clients to use our applications.

Ø **Back End / Server Side :**

* PHP :- PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.

Sayari Pal(1941065)

Deep Devendra Kumar Patel(1941017)

Dipanshu Vaibhav(1941019)

Ansh Tyagi (1941010)