CS251 Project Report

Team: hackslash

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1 Title

BookHub

2 Abstract

This is a website where people can read/download books online, review and comment about books. The comments help users find people with similar tastes and they can form book reading clubs on the website.

3 Introduction/Motivation

Now-a-days, it is difficult to find people with similar thinking. To connect with people in better way, we need to know others' thinking and interests. By seeing comments on a particular book, user can find people who think like him/her and can communicate with them and form book clubs to read together. This will be a new way to make friends!

4 Problem Statement

How to put books in readable form and how to form book clubs?

5 Software requirements

1. HTML, CSS
2. Javascript
3. Bash
4. MySQL
5. PHP
6. Doxygen

6 Implementation

The website contains a login implemented using MySQL and PHP sessions. Books are presented in html format and all pdfs of books are converted to html using a command called pdf to html in bash. A bash script is written to automate this process.User profiles, book club pages, reviews are also implemented using PHP and MySQL.

7 Features promised

- Openid login

- Highlighting and commenting a particular sentence in the book

- Putting books for reading on the website

- Reviews for the books

- Book clubs

- Managing user profiles

8 Features implemented

- Putting books for reading on the website

- Reviews for the books

- Book clubs

- Managing user profiles

References

[1] MySQL for absolute beginners
    Link: https://www.elated.com/articles/mysql-for-absolute-beginners/