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Internet Book Management System

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Project Proposal

Assignment # 1

Introduction

The online book management system will maintain information related to internet user and people who interested in reading by using electronic devices. For user interface, C# programming language with Visual studio 2019 will be used. The details of the project are given below:

List of Objects

The project mainly consists of following entities

1. Register (User and Author)
2. Administer
3. Visitor
4. Book types
5. Chapters
6. Feedback
7. Theme
8. Notification
9. My Book Shelf
10. Events

Detailed functions

1. Register

Function Name	Description
Add User	Add a new user account to database.
Update User	Update user account information to database.
Add Author	Add a new author account to database.
Update Author	Update author account information to database.
Search by Name	Search user and author account by name.
Add Book	Add a new book.
Update Book	Update the information of book.
Remove Book	Remove a canceled book of database.
Log in	Log in to the system.
Log out	Log out of the system.

2. Administer

Function Name	Description
Add Contact	Add a phone number or email for register and visitor to contact administer. To take the improvements and complements.
Announce Event	Announce and update information of Event.
Log in	Administer log in to the system.
Log out	Administer log out of the system.

3. Visitor

Function Name	Description
Search by Name	Search user and author account by name.
View Chapter	Allow visitor to read a few chapter.
Add Feedback	Allow the visitor to add feedback after use application.

4. Book Types

Function Name	Description
Upload Book	Upload new books to database.
Remove Book	Upload books from database.
Search by Name	Search book by names/author.
Add Feedback	Allow the register and visitor to add feedback after read a book.

5. Chapters

Function Name	Description
Update Chapter	Upload new books to database.
Remove Chapter	Upload books from database.
Open Chapter	Open chapter option.
View Chapter	Allow user to view all the chapter of book.
Next Chapter	Next or skip chapter option.
Pervious Chapter	Pervious chapter option.
Close Chapter	Close chapter option.
Add Feedback	Allow the register and visitor to add feedback after read a chapter.

6. Feedback

Function Name	Description
Add Feedback	Add a Feedback at the end of chapters.

7. Theme

Function Name	Description
Display Mode	Allow user to choose dark and bright mode theme.

8. Notification

Function Name	Description
Show Notification	Show notifications.
Delete Notification	Remove/Delete notifications option.
Mute Notification	Mute notifications option.

9. My Book shelf

Function Name	Description
Add favorite book	Add a favorite book on My Book shelf.
Remove favorite book	Remove a favorite book on My Book shelf.

10. Events

Function Name	Description
Add Event	Allow Administer announce event and TOP10 of most readed book per week.
Remove Event	Remove a canceled event.