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(Internet Book Management System)

Prepared By

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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:

- **Register (User and Author)**
- **Administrator**
- **Visitor**
- **Book types**
- **Chapters**
- **Feedback**
- **Theme**
- **Notification**
- **My Bookshelf**
- **Event**

Detailed Functions

1. Register:

| Function Name | Description |
|----------------|---|
| Add User | Add a new user account in database |
| Remove User | Remove a user account from database |
| Update User | Update the setting of a user account |
| Search by Name | Search user and author account by name. |
| Add Author | Add the name of author in database |
| Update Author | Update the information of author |
| Add Book | Add a new book in database |
| Remove Book | Remove a book from database |
| Update Book | Update the information of book |
| Login (User) | Login into system |
| Logout (User) | Logout from system |

2. Administrator:

| Function Name | Description |
|---------------------|---|
| Contact us | Add a phone number or email for register and visitor to contact administer. To take the improvements and complements. |
| Announce Event | Announce and update the information of event |
| Login (Administer) | Administers login to system |
| Logout (Administer) | Administers logout from system |

3. Visitor:

| Function Name | Description |
|----------------|--|
| Search by Name | Allow visitors to search a book by name |
| View Chapter | Allow visitor to read only one or few chapters of a book |
| Add Feedback | Allow a visitor to add some feedback about the application |

4. Book Types:

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

5. Chapters:

| Function Name | Description |
|------------------|---|
| Add Chapter | Add a chapter to database |
| Remove Chapter | Remove a chapter from database |
| Update Chapter | Update a chapter |
| View Chapters | Allow users to view all the chapters of a book |
| Open Chapter | Add open chapter option for users |
| Next Chapter | Add next chapter option for users |
| Close Chapter | Add close chapter option for users |
| Pervious Chapter | Add pervious chapter option |
| Add Feedback | Allow the register and visitor to add feedback after reading a chapter. |

6. Feedback:

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

7. Theme:

| Function Name | Description |
|---------------|---|
| Choose Theme | Allow user to choose dark/bright mode theme |

8. Notification:

| Function Name | Description |
|---------------------|-----------------------------------|
| Show Notification | Add and show notifications |
| Delete Notification | Delete notifications |
| Mute Notification | Add mute option for notifications |

9. My Bookshelf

| Function Name | Description |
|----------------------|--|
| Add favorite book | Add a favorite book on My Bookshelf |
| Remove favorite book | Remove a favorite book on My Bookshelf |

10. Event:

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

