Metropolitan UNIVERSITY

Project Proposal On – **Book Management System** (BOOKHUNTER)

Submitted To:

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Introduction:

Bookhunter is a web-based application or software design & develop to introduce a conductive and efficient book management for a book lover. By this project the bibliophile can easily borrow or get information any kind of books.
On the other hand, admin can manage the users and also approve books information which is added by user & check the history.
After all I will try to my best to design and develop this system and make it efficient. I hope It will be a great system for the bibliophile.

Features of project:

- ✓ **For User/Member**:
    - Member or user can sign-up, view and update their information.
    - Member or user can borrow book from another member or this system (the books to which this system will be attached).
    - Member or user can check their borrow book's date.
    - Member or user can add new book information.
    - Member or user can search books by book title or publisher name.
    - Member or user can save his/her list of books.
    - Member or user can check their all history.

- ✓ **For Admin:**
    - Admin can sign-in, view and update their information.
    - Admin can view the information of books and all users.
    - Admin can add new books.
    - Admin can check, delete and maintain books or members information.
    - Admin can add another admin for the maintain this system.

- ✓ **Justification:**
    - To ensure the efficiency of the system by providing better services comparing to the previous technologies.
    - The technology of borrowing books from friends / members will be connected to this system.
    - To ensure the efficiency by providing information.
    - To ensure the efficiency by providing better facilities.

Module Description:

- User/Member Registration.
- User/Member Login.
- Admin Login.
- Explore book details.
- Borrow books or Buy books.
- Efficient Search.
- CRUD (Create, Read, Update, Delete) operations for books & Members.

Project Scope:

The Project would cover the following area:

- ✓ Project Management
- ✓ Requirement Analysis
- ✓ Application Design
- ✓ Application Development
- ✓ Testing
- ✓ Hosting & Configuration
- ✓ Supports

Technologies & Tools for Bookhunter project:

- ➢ **Front end:**
    - HTML
    - CSS
    - Bootstrap 4
    - JavaScript
- ➢ **Database:**
    - MYSQL
- ➢ **Back end (Core Programming):**
    - jQuery
    - PHP
- ➢ **Framework:**
    - CodeIgniter
- ➢ **External Tools:**
    - Adobe Photoshop CS6
    - Visual Studio Code

Conclusion:

I'll try to my best for making this system user friendly as well as useable. I will also try to make this system cost-effective and flexible. It is better to say that, this project will still under modification.

Future enhancement will be continued for keeping this system up-to-date.
In conclusion, I am very interested to doing this project. I hope you will agree and help to doing this project.

Thank You.