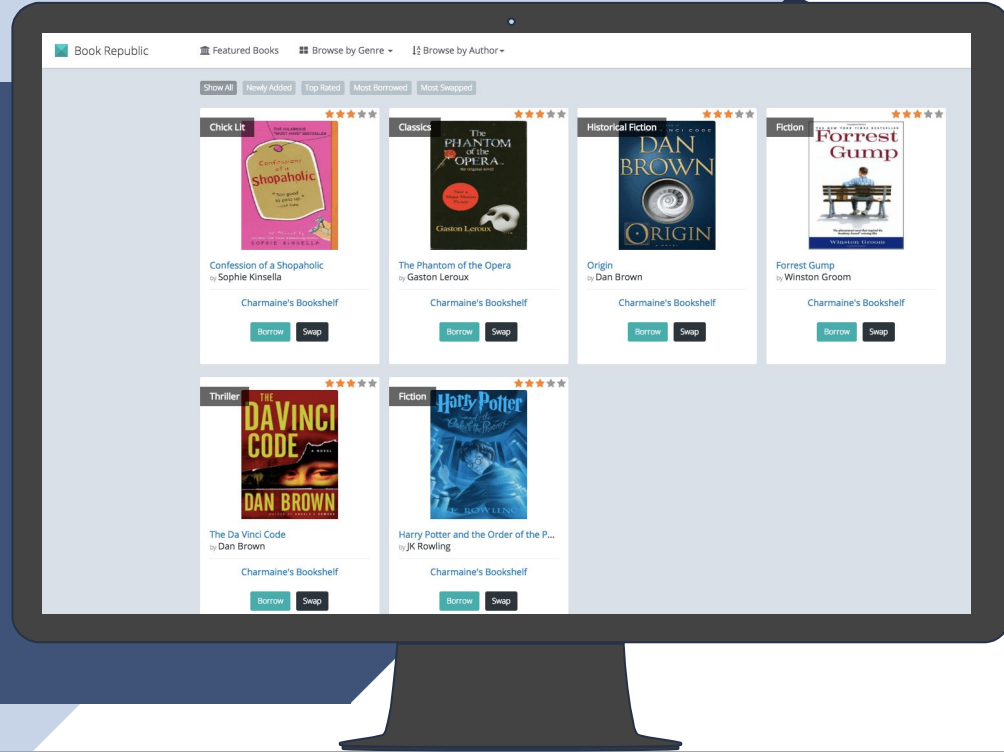


BOOKREPUBLIC:

A Book Exchange System





HELLO!

I am Charmaine Matienzo.
I like reading.

1

Introduction



1.1 Background of the Study

Books

- Commodity for Education
- Hobby for Enthusiasts



- pop out libraries
- organized book donation drives
- Book fairs

limited just to the people who
were present in the event
gathering





BOOK EXCHANGE GOES DIGITAL

Book Exchange programs are in demand mainly because of its

cost-effectiveness and **high sustainability**

Search

Pay shipping

Receive

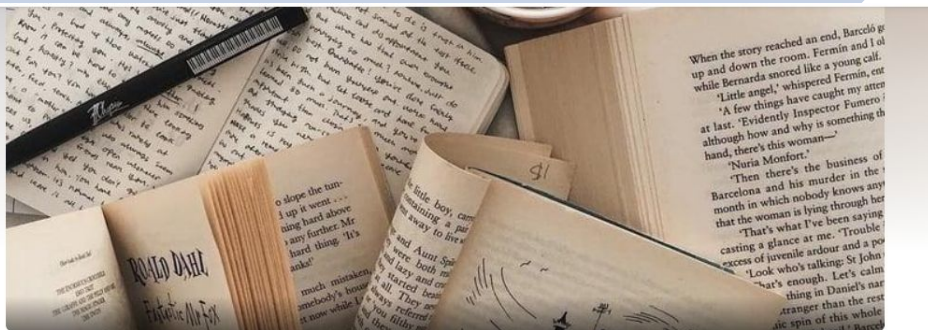


Book Exchange in the Local Setting

Book swapping website however is not yet available in the country.



Book Exchange in the Local Setting



Book Barter Philippines

Public group · 14.4K members

About Discussion Members Events Media

Join Group



About This Group

Group of people willing to swap/exchange books ONLY



Public

Anyone can see who's in the group and what they post.



Visible

Anyone can find this group.



General

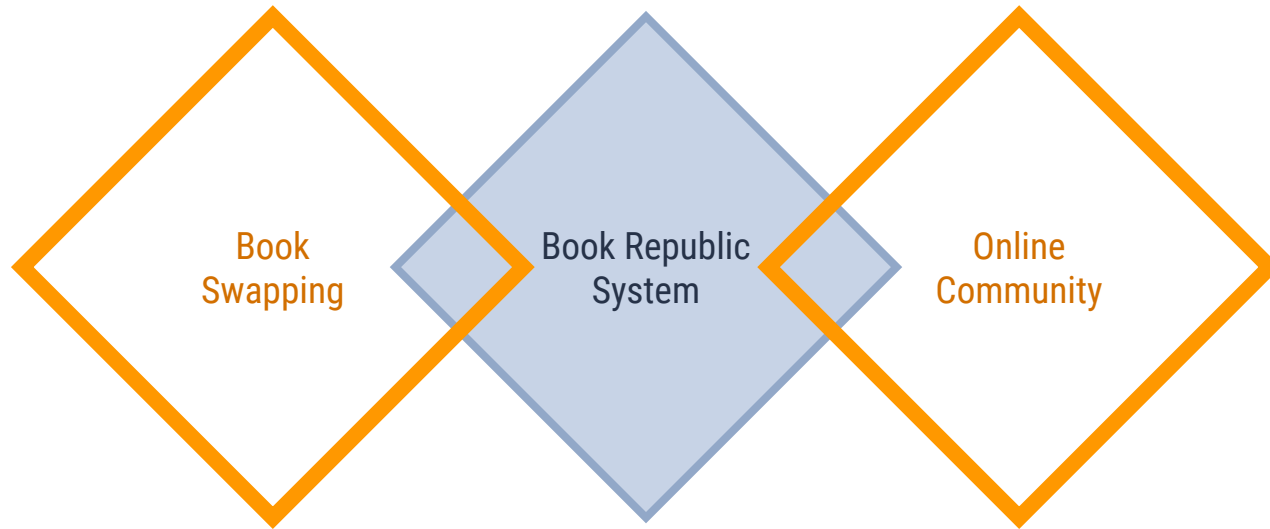


History

Group created on June 26, 2020 See More



Expanding the Influence



1.2

Significance of the Study



Who will benefit from using the system?

Book Enthusiasts

- Cheap way to grow collection
- Interaction with fellow booklovers

Students

- Valuable learning reference

Community

- Can increase the literacy within members

1.3

Objective of the Study



Objectives

To build an online community for book enthusiasts where users can swap and borrow books and other reading materials.

2

Methodology



A. Development Tools

The system was built using the following software technology:

- Codeigniter 3.1.8
- MySQL
- PHP 7.1
- Apache Web Server 2.4.7



B. Functional Requirements

Book Enthusiasts

- Cheap way to grow collection
- Interaction with fellow booklovers

Students

- Valuable learning reference

Community

- Can increase the literacy within member



C. System Modules

Creating, Viewing and
Managing Users
Account

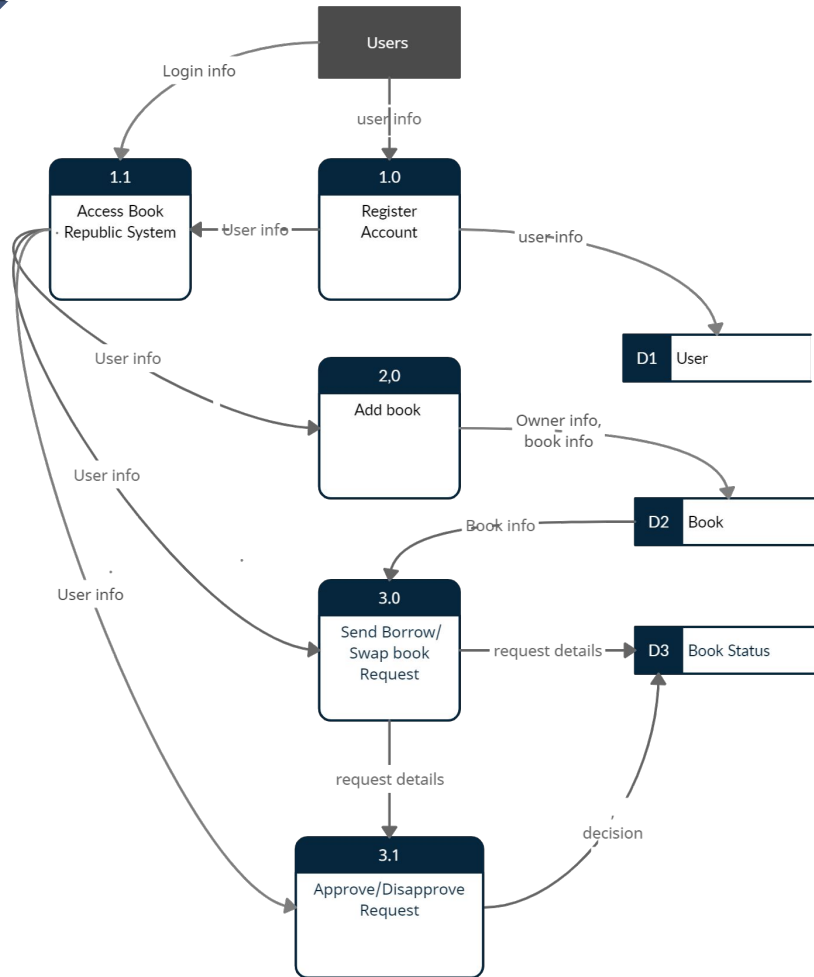
Viewing, Adding and
Managing Books

Borrowing of Book

Swapping of book

Creating, Sending and
Managing Messages

Viewing and Managing
Activity Logs





D. System Testing & Assessment

24 participants composed of students and professionals were invited to test the features of Book Republic.

Testers were asked to answer the System Usability Scale(SUS) to determine system usability and user-friendliness.

3

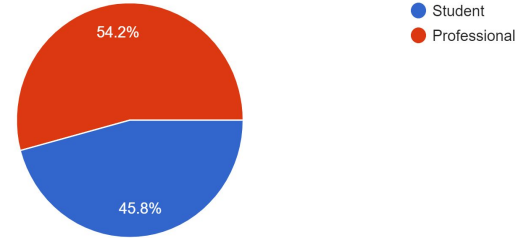
Results and Discussion



SUS Rating

The Book Republic
obtained a score of 73.85 in
the System Usability Scale.

Demographic Profile
24 responses



4

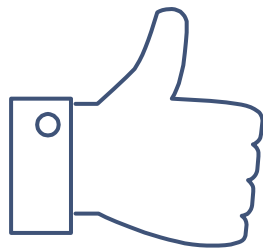
Conclusion



Conclusion and Recommendations

This study has provided a basic platform where users can freely swap, borrow and discover books.

For further improvement of the system, this study recommends to add new system features such as smart recommendation tool that suggests titles based on preferred genre or author of the user.



THANKS!