# Decentralized Library System

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**Abstract-** *This quote correctly depicts a book lover's ideology "A book is a dream that you hold in your hands"-Neil Gaiman. This quote summarizes my project very precisely. In this era where kindle exists there is still a rise in sales of printed books as compared to e-books, according to Wall Street Journal, sales of traditional print books rose by 5% in US last year, while sales of e-book plunged by 17%. Because of traditional mindset of people that digital books just don't deliver the same sought of visual and tactical satisfaction which physical books deliver. Physical books are more easily shared. Physical books make more meaningful gifts.*

*Physical books offer a wider variety of fonts. Printed books can be easily scribbled in and marked up. The basic ideology behind Decentralized Library System is where people can request for books and people can register there books. People who are avid readers who buy books and after reading them they don't prefer to sell those books which leads to the book collecting dust on the shelf can now register these books on this website and the person seeking for this book can avail it and return the same once read.*

*Person who is requesting the book will get a door step delivery of the book at the same time person who has registered the book will have to handover the book to the delivery guy. Person getting the book has to pay a token amount for the book if any harm to book is caused some amount will be deducted. Technologies like HTML, CSS and java script will be used in front end of the website.*
*Technologies like PHP and MY SQL are used in the back end of the website. This will provide easy access to new books at door step at very low cost and also increases the utility of the books.*

**Keywords**- decentralized, library, management, system.

## I. INTRODUCTION

The basic ideology behind Decentralized Library System is where people can request for books and people can register there books.

People who are avid readers who buy books and after reading them they don't prefer to sell those books which leads to the book collecting dust on the shelf can now register these books on this website and the person seeking for this book can avail it and return the same once read. Person who is requesting the book will get a door step delivery of the book at the same time person who has registered the book will have to handover the book to the delivery guy. Person getting the book has to pay a token amount for the book if any harm to book is caused some amount will be deducted. This will provide easy access to new books at door step at very low cost and also increases the utility of the books.
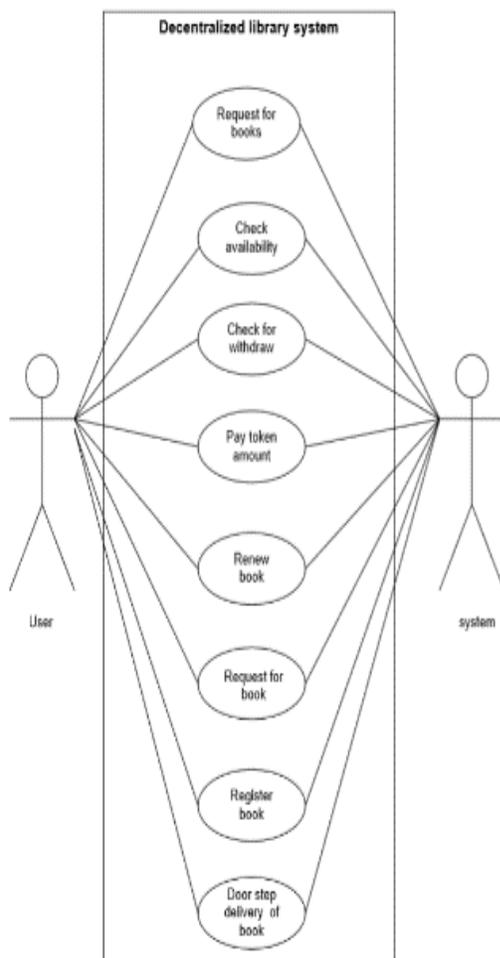
## II. LITERATURE REVIEW

In today's challenging business environment, it is a vital for organization to access useful information and knowledge. Business Intelligence (BI) is an umbrella concept for tools, techniques and solutions that helps managers to understand business situation. And BI tools can support informational knowledge needs of organizations. With respect to increasing trend of BI researches in BI concepts and applications, in this paper, recent researches and papers of academic journals in this field is systematically review to classify and prioritize the concepts and approaches of business intelligence. Consequently researches was classified in three, managerial, technical and system enables approaches to BI, and specification of each approach and future research quid was described. As the world is growing more towards the digitalization, one of the main focus is to provide people with good and great service we are trying to build an decentralized system which helps people order books from different users this is the type of site in which you can save your books in your cart. Thinking behind this site is that when a user purchase one book he or she is not going to throw it away after reading it once so by creating a decentralized system we can help multiple users by providing them there favorite book. User requests for the book if available it is delivered to him by spending some token amount which is returned if no damage is done to the book while returning.
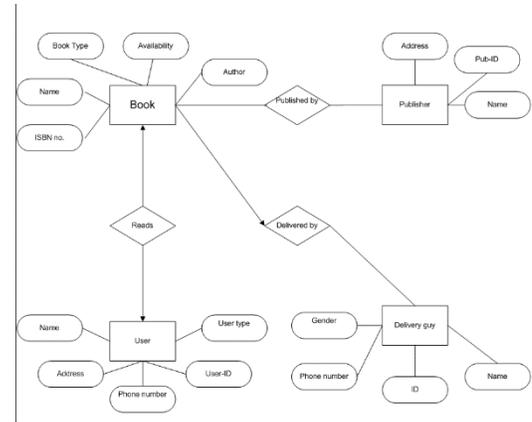
## III. METHODOLOGY

Because of traditional mindset of people that digital books just don't deliver the same sought of visual and tactical satisfaction which physical books deliver. Physical books are

more easily shared. Physical books make more meaningful gifts. Physical books offer a wider variety of fonts. Printed books can be easily scribbled in and marked up. The basic ideology behind Decentralized Library System is where people can request for books and people can register there books. People who are avid readers who buy books and after reading them they don't prefer to sell those books which leads to the book collecting dust on the shelf can now register these books on this website and the person seeking for this book can avail it and return the same once read. Person who is requesting the book will get a door step delivery of the book at the same time person who has registered the book will have to handover the book to the delivery guy. Person getting the book has to pay a token amount for the book if any harm to book is caused some amount will be deducted. Technologies like HTML, CSS and java script will be used in front end of the website. Technologies like PHP and MY SQL are used in the back end of the website. This will provide easy access to new books at door step at very low cost and also increases the utility of the books.
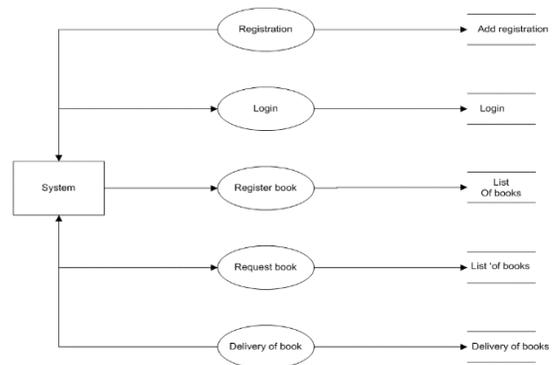
Overview:



Flow chart for our project is as follows:



Flow diagram:



## IV. CONCLUSION

Person who is requesting the book will get a door step delivery of the book at the same time person who has registered the book will have to handover the book to the delivery guy. Person getting the book has to pay a token amount for the book if any harm to book is caused some amount will be deducted. Technologies like HTML, CSS and java script will be used in front end of the website. Technologies like PHP and MY SQL are used in the backend of the website. This will provide easy access to new books at door step at very low cost and also increases the utility of the books. This decentralized system will help senior citizens, house wives and kids. They can easily enjoy there requested books at there home easily and book will be delivered to them at there door step.

## FUTURE ENHANCEMENT

As I analyzed our project and gathered all the needed requirements, now I am going to make the front-end and back-end part and make my system possible the way I discussed. I will make our system useful to users and they can easily operate

it. In near future i am planning to add online payments through UPI and Paytm this will make the process of token collecting very easy and secure.

## REFERENCES

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