

## EAZY BOOKS - Book at your Doorstep

Ashish Zende<sup>1</sup>, Harsh Chauhan<sup>2</sup>, Pranjali Khairnar<sup>3</sup>, Sanika Divekar<sup>4</sup>, Farhadeeba Shaikh<sup>5</sup>

<sup>1,2,3,4</sup>Diploma in Computer Engineering, Dept. of Computer Engineering, MIT polytechnic, Maharashtra, India

<sup>5</sup>Professor, Dept. of Computer Engineering, MIT polytechnic, Maharashtra, India

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**Abstract** - EAZYBOOKS is a project which aims in developing a computerized system to maintain all the daily work of virtual library. This project has many features which are generally not available in normal library management systems like facility of vendor login and a facility of reader login. It also has a facility of admin login through which the admin can monitor the whole system. It has also a facility where reader after logging in their accounts can see list of books issued and its issue date and return date and also the reader can request the vendor to add new books. Overall this project of ours is being developed to help the reader as well as vendor to maintain the virtual library in the best way possible and also reduce the human efforts. The transactions provided in this Eazybooks are like login, register, add, search, delete. The Eazybooks stores the details like name, address, ID number, Date of Birth of user working on the Eazybooks and users who visit to system. The each and every details regarding the books stored in the database. The Eazybooks provides exact information about the number of books that are taken by the users, the number of books that are left, date of issue etc. and it even calculates the fine automatically, thereby reducing the risk present in the management of libraries.

### 1. INTRODUCTION

This Project aims at much of the functioning of a library could be automated using the available technologies. As the Eazybooks using database for the more efficient work and to reduce the number of paperwork.

The most important thing is that an automated system of this sort can be customized to suit the needs of the users and provide good service to them. Eazybooks is an application which refers to library systems which are generally small or medium in size.

It is used to record various transactions like issue of books, return of books, addition of new books, addition of new users etc. Eazybooks makes all the records of transaction between the book and user. The goal of this Eazybooks is to connect the past and future books and culture from book to the user.

### 2. LITERATURE SURVEY

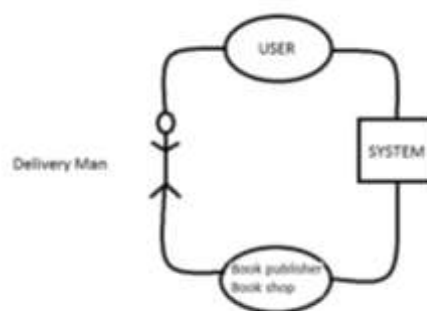
What is virtual library? A virtual library is digital library concept where the information is available electronically. The digital virtual library is organized system which is rich source for the user community. In the early years the library means the maintaining record

by through the register but now in this century the science community treat the digital library as the long extension of physical library through making it digital. This digital library concept is used by decade and now which allows to access to distributed information in electronic format.

A Virtual Library has been defined by Gapen (1993) as, "the concept of remote access to the contents and services of libraries and other information resources, combining an on-site collection of current and heavily used materials in both print and electronic form, with an electronic network which provides access to, and delivery from, external worldwide library and commercial information and knowledge sources". The eazybooks focus on the information collection of historical books, inventions, or periodical books. The virtual library the connects the vendors and authors of the book to the reader is established within one minute.

Purpose of virtual library: In general the virtual library provides the strong software communication to both end points as reader and the seller of the book. It provides the more information about and enhance the quality of life by adding the online available books, journals, formats by ICT based tools.

### 3. PROPOSED METHODOLOGY



This project can give a base for the client to order Book on-line through an internet site or application.

On-line book selling as well as renting. Are very beneficial for some students in village area or from poor family background. We have focused on the part of renting in order to re-use paper, hence rent books can be very efficient for re-using. This just not help to students even to book reader in

form of re-using book instead of purchasing new book

By buying books on-line we deliver books to any-place around the whole world, but more the distance more the cost. The system deals with ordering, payment, and delivery which also includes 2 user, i.e. one who purchase second part in which user can sell their books.

### 1. Book Supplier

In this module if any book stall owner or publisher or even book writer wishes to tie up with us and do business with us can do. They will have to contact us, as soon as they tie up with us we will cover some formalities and they can sell books online through us. Procedure for selling they will sell books through our platform so the will be commission for using our platform which will be de-ducted after transection received from user.

### 2. Client

A student who wants to study but cannot afford costly books can at-least buy second hand books and complete some needs or even if one person wants some earning from book which is already read by him/her then the book can be soled to use which gives you some earning, depends on book. So if a user wishes to buy books from us can easy rent them or buy them from use.

### 3. Payment

Once filling the main points, customers ought to pay the money using different available choices offered like cash or online payment methods like Paytm, Google-pay, etc.

QR code: If you are a daily news reader you might be knowing that there are chances of online fraud due to which people losses there trust over internet so to enhance it we are using QR code of apps on which we accept payment

### 4. Rental

As discussed above if you see there are tons of books send to trash and students who require books to study but cannot afford to buy one. And if say that there are some library who provide books to read then here comes a con also that these kind of library are not still available at all place, Hence we can reach to such place using internet and in a affordable price for students so that they can gain knowledge

### 5. Delivery

If you see library are place were books are available to read, but if you see you have to go and read the books at a place which may not be as comfy as your house. So from a business point of people wont mind to spend a bit and get books at home but here you will have a point that u can return the book to local library after reading it at your

home after you rent it, but still after taking it from library you have to go and get it as well as return it which may be some time difficult some time if you are busy at moment, But here we its self-come to deliver and receive the book.

## 4. CONCLUSION

In this paper, EazyBooks is developed. Using this software any user applicable without having any knowledge of any language could easily be able to understand the various transactions such as availability of books, book prices, types of books etc. proper security has also been maintained. So that only authorized users can gain access to the EazyBooks permitted by the admin. This software can run on any operating system. This virtual library is working properly and meet its all requirements given by our mentor. Mobile application is also developed for EazyBooks for mobile environment. In future this software can be extended by adding more features to it by customer requirements. From a proper analysis of this software as well as mobile application, it can be concluded that it is highly efficient GUI based software.

## 5. FUTURE SCOPE

In Future we aim at trying to improve our payment facilities or modules in our modifications. As in we are conflicting some issues on how to take payments from user in an easy and efficient way. We will work on how to track the payments received from the users as in there will be no loss of records. Also we will be working on efficiently monitoring our books as in now we are needing man power to look or verify the condition of book while receiving a book from user. We will be more adding UI features for our users in future modifications.

## 6. REFERENCES

- [1] Y. Q. Liu and S. Briggs, "A Library in the Palm of Your Hand: Mobile Services in Top 100 University Libraries," *Inf. Technol. Libr.*, vol. 34, no. 2, pp. 133-146, Jun. 2015.
- [2]<http://er.educause.edu/articles/2015/6/students-mobile-learningpractices-in-higher-education-a-Multiyear-study>
- [3]. A. M. Kaplan and M. Haenlein, "Users of the world, unite! The challenges and opportunities of Social Media," *Business horizons*, vol. 53, pp. 59-68, 2010.
- [4] S. A. Khan and R. Bhatti, "Application of social media in marketing of library and information services: A case study from Pakistan," *Webology*, vol. 9, pp. 1-8, 2012.
- [5] P. KUMAR, "University Library web sites in Kerala as marketing tools: an Evaluation," *Library Philosophy and Practice (e-journal)*, ., 2013.