

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELGAUM-590014



A Mini-Project Report On

“ RESELLING BOOKS”

A Mini-project report submitted in partial fulfilment of the requirements for the award of the degree of **Bachelor of Engineering in Computer Science and Engineering** of Visvesvaraya Technological University, Belgaum.

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CERTIFICATE

This is to certify that the mini-project work entitled “**RESELLING BOOKS**” has been successfully carried out by **ADITYA SHANKAR S, DILEEP KASHYAP, GANESH KUMAR GUPTA, PUKASH CHANDRA** bonafied students of **AMC Engineering College** in partial fulfilment of the requirements for the award of degree in **Bachelor of Engineering in Computer Science and Engineering** of **Visvesvaraya Technological University, Belgaum** during academic year 2019-2020. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements in respect of project work for the said degree.

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ABSTRACT

Students have many course based literature text books that they have stopped reading and these books are laying on their book shelves unused. These books can be sold and the proceeds can be used to buy another book the student currently needs. These website will not only serve students but can also serve the entire population or anybody who wants to buy second hand books or wants to empty their book shelves and make financial gain from it. These books can just be simply be uploaded to the website and another student or person can have access to buy the book by just visiting the website.

Students also have lesser incomes compared to the rest of the working population. Hence any reasonable resource for getting income is always welcomed. All these will be achieved by creating a user friendly complete online shopping system for buying and selling second hand books.

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CHAPTER 1

INTRODUCTION

The internet plays a very important role in today's society. Nearly all windows based applications have a web based equivalent. For example Microsoft word has an online version of the same application call Office Web Apps and Adobe Photoshop has its own online version called Photoshop express .The list is very long and it shows one trend that is happening this century on software. The internet is becoming more and more important in software development especially as its makes it possible for millions all over the world to access and use that application directly. The internet has produced and enhanced the growth of some popular brands like Google, Yahoo, Twitter and Facebook.

Sometimes people want services directly without necessarily going to a shopping malls or stores. They will want to have the same service by just accessing the internet and making their purchases. This reduces transportation cost and time can be spent instead on other important activities and its environmental friendly .The is an increase in online usage and consequently an increase in online e – commerce. There is available technology to build such sites and provide secure and reliable services to customers.

In this case, the online second hand book shop is just one of them trying to use the power of internet and technology to develop a website that that can make book recycling and sales easier. Students need many different types of literature in their studies. As they go through the educational process they move gradually to the next level and other students move to that level they were previously in.

Hence a website of this nature that focuses on books can come a long way to make accessibility to second hand book's just a click away at a good and reasonable price.

CHAPTER 2

EXISTING SYSTEM

Existing system is a manual one in which users are maintaining books to store the information like product details, Distributors details, purchases, sales details and accounts for every month. It is very difficult to maintain historical data.

The following are the disadvantages of the existing system

It is difficult to maintain important information in books.

- More manual hours need to generate required reports.
- It is tedious to manage historical data which needs much space to keep all the previous years' ledgers, books etc.
- Daily sales and purchases details must be entered into books are very difficult to maintain.

CHAPTER 3

PROPOSED SYSTEM

Building an online book reselling website provides an alternative means of ecommerce for selling various types of books for the students and remaining people. The system also comes with a great benefit which is that it also provides an enquiry of books and also the option of uploading the book with it's image and also comes with an option of purchasing book with a single click on the button.

The system further removes the books which are already sold and also provides an option of various payment methods.

The main objective of this website is to develop a fully functional online reselling of books to allow student's to sell their books and retain few amount from that. Further the system provides two way service to the user's using which they can upload and purchase the books.

CHAPTER 4

MODULE DESCRIPTION AND FUNCTIONALITIES

This project contains 6 modules namely :-

- SignUp
- Login /Logout
- Search Bar
- Sell Book
- Purchase History
- Buy book
- Payment method
- Delivery method

SignUp:-

In this module user's are required to enter the username, password ,email , city , pincode ,contact ,interested course stream . Once user is signed up, he can easily purchase and sell his books if any he/she wants. Signed user can also make the payment and can add the delivery method.

The screenshot shows a web browser window with a dark header bar containing navigation icons and links for 'Sign Up' and 'Login'. The main content area displays a 'Registration Form' with the following fields:

- Username**: A text input field.
- Password**: A text input field with a password icon.
- Confirm Password**: A text input field with a password icon and the label 'Re-type password'.
- Email**: A text input field with an email icon and the label 'Enter Email'.
- First Name**, **Middle Name**, **Last Name**: Three text input fields with person icons and labels 'First name', 'Middle name', and 'Last name' respectively.
- City**: A text input field with a location pin icon.
- Pincode**: A text input field with a location pin icon.
- Contact**: A text input field with a phone icon and the label 'Contact Number'.
- Your Preference**: A dropdown menu with 'Computer' selected.

A blue button labeled 'Verify and Register' is positioned below the 'Contact' field.

Fig:1.1

LogIn and LogOut:-

In this module registered users can access their profile by entering username and password. Once the user is logged in to the website he can easily add books that he/she wish to sell and can also purchase books. Also, user will get the notification if his/her book is brought by anyone.

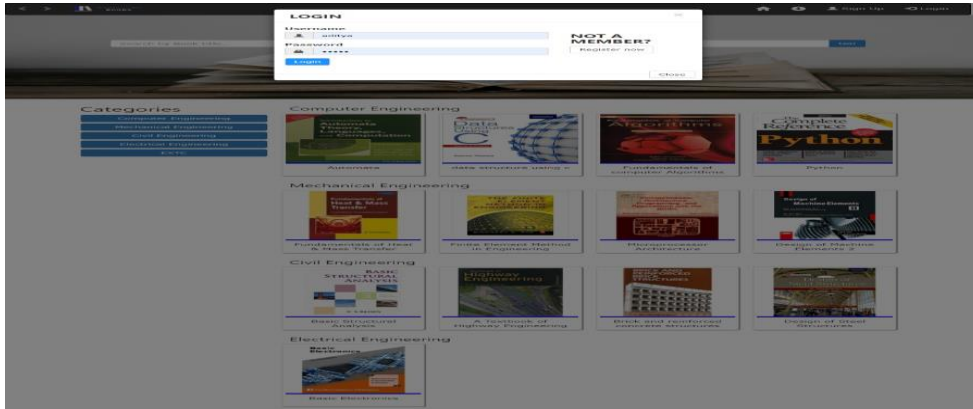


Fig1.2

Search Bar:

In this module the user can search the book that he/she wishes to buy. If the searched book is found then user can buy the book through various payment methods and can also select the type of delivery that he wishes.



Fig:1.3

Sell Book:

In this module the details about the all the book that we wish to sell can be added. This includes adding details regarding book name, selling price, subject, edition, author name, original price, book category(For eg: Cse, Ise ,Me etc), book description etc.

The screenshot shows a web form titled "Tell us more about your book" with a dark header bar containing navigation icons. The form fields are arranged in two columns:

- Book Name:** A text input field with a placeholder "Enter book name".
- Author:** A text input field with a placeholder "Enter author name".
- Selling Price:** A text input field with a placeholder "Enter Selling price" and a rupee symbol icon.
- Original Price:** A text input field with a placeholder "Enter Original price" and a rupee symbol icon.
- Subject:** A text input field with a placeholder "Enter Subject" and a rupee symbol icon.
- Category:** A dropdown menu with "Choose..." as the selected option.
- Edition:** A text input field with a placeholder "Enter book edition".
- Post Image:** A button labeled "Choose file" and a text label "No file chosen".
- Book Description:** A rich text editor with a toolbar showing options like Paragraph, Bold, Italic, Link, Unlink, Bulleted List, Numbered List, Indent, Outdent, Quote, and Undo. Below the toolbar is a large text area for the description.

A "Save Details" button is located at the bottom left of the form.

Fig: 1.4

Purchase History:

In this module the purchase history can be viewed which displays all the records containing books that we purchased through this website. Thus, this feature helps us in displaying the various books we bought .

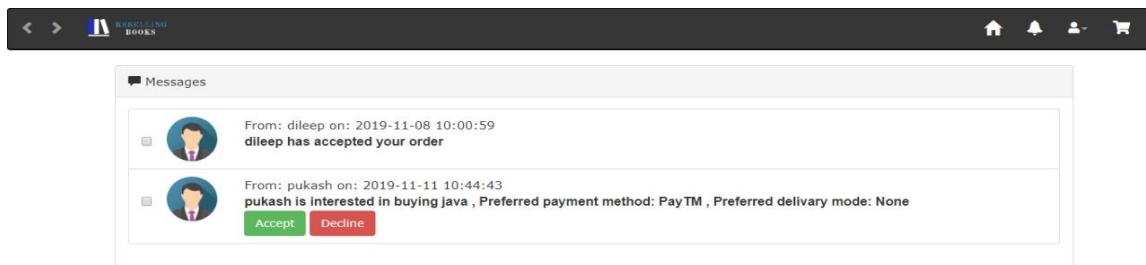


Fig:1.5

Buy Book:

In this module, we can search the book that we want to buy based on various Categories mentioned in our website or otherwise you can directly mention the book name in the search bar, if the search matches then the available book can be further processed for delivery.

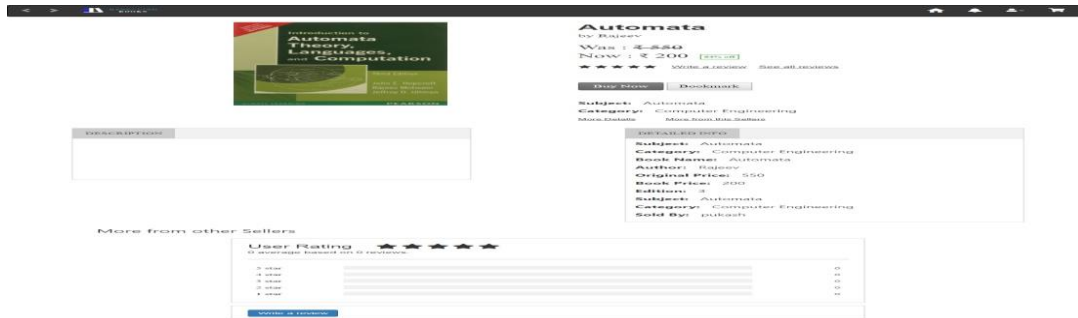


Fig:1.6

Payment Method:

This module describes various methods of purchasing the book. These payment options include payment through paytm or through cash on delivery or through net banking or also through the mode of freecharge application.



Fig:1.7

Delivery Options:

This section provides various possible ways to deliver the book that a user wishes to purchase. This option includes collecting the book by the user itself who want's to purchase the book or it can also be done through the mode of courier.

CHAPTER 5

SYSTEM SPECIFICATIONS

5.1 Hardware Requirements:-

- I3 processor
- 1GB Ram
- 512 KB Cache Memory
- Hard disk 10 GB
- Microsoft Compatible 101 or more Key Board

5.2 Software Requirements: -

- Operating System : Windows 10
- Programming language: PHP
- Web-Technology: MYSQL
- Front-End: HTML , CSS , JAVASCRIPT
- Back-End: XAMPP LOCAL HOST
- Web Server: 3306

CHAPTER 6

DESIGN

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data.

CHAPTER 7

ABOUT THE TECHNOLOGY

HTML:

Hypertext markup Language (HTML) is the main mark up language for creating web pages and other information that can be displayed in a web browser. HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent empty elements and so are unpaired, for example . The first tag in a pair is the start tag and the second tag is the end (they are also called opening tags and closing tags). In between these tags web designers can add text, further tags, comments and other types of text-based content.

CSS:

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation semantics (the look and formatting) of a document written in a mark up language. CSS is designed primarily to enable the separation of document content (written in HTML or a similar markup language) from document presentation including elements such as the layouts, colors and fonts. This separation can improve content accessibility, provides more flexibility and control in the specification of presentation characteristics enable multiple pages to share formatting and reduce complexity and repetition in the structural content (such as by allowing for table less web design).

JAVASCRIPT:

JavaScript (JS) is an interpreted computer programming language. It was originally implemented as part of web browsers so that client-side scripts could interact with the user, control the browser and alter the document content that was displayed. JavaScript is a prototype based scripting language with dynamic typing and has first class functions. Its syntax was influenced by the language C. JavaScript copies many names and naming conventions from Java, but the two languages are otherwise unrelated and have very different semantics.

PHP:

PHP (or PHP Hypertext Preprocessor) is a server- side scripting language that is used to create dynamic web pages that can interact with databases. It is a widely-used open source language that is specially used for web application development and can be embedded within HTML. PHP, as a scripting language, is popular among web developers because of it's ability to interact with database systems including Oracle and MySQL.

BOOTSTRAP:

Bootstrap is a free and open-source front-end web framework for designing websites and web applications. It contains HTML and CSS based design templates for typography, forms ,buttons , navigation and other interface components, as well as optional JavaScript extensions. Unlike many web frameworks, it concerns itself with front-end development only.

INTRODUCTION TO SQL:



SQL -"sequel"; **Structured Query Language**) is a [domain-specific language](#) used in programming and designed for managing data held in a [relational database management system](#) (RDBMS), or for stream processing in a [relational data stream management system](#) (RDSMS). It is particularly useful in handling [structured data](#) where there are relations between different entities/variables of the data. SQL offers two main advantages over older read/write [APIs](#) like [ISAM](#) or [VSAM](#): first, it introduced the concept of accessing many records with one single command; and second, it eliminates the need to specify *how* to reach a record, e.g. with or without an [index](#).

Originally based upon [relational algebra](#) and [tuple relational calculus](#), SQL consists of many types of statements,^[9] which may be informally classed as [sublanguages](#), commonly: a [data query language](#) (DQL), a [data definition language](#) (DDL), a [data control language](#) (DCL), and a [data manipulation language](#) (DML).^{[c][10]} The scope of SQL includes data query, data manipulation (insert, update and delete), data definition ([schema](#) creation and modification), and data access control. Although SQL is often described as, and to a great extent is, a [declarative language](#) (4GL), it also includes [procedural](#) elements.

XAMPP LOCAL HOST



XAMPP is an open source server set up to test the projects on a local server before making it available to everyone over the web. This web app development server comes pre-installed with Apache web server, MySQL database, PHP, and Perl that help you build an offline application with desired features and functions. Xampp is a lightweight solution that works perfectly on multiple platforms likes Linux, Windows, and Mac OS.

CHAPTER 8

RESULTS & SCREENSHOTS

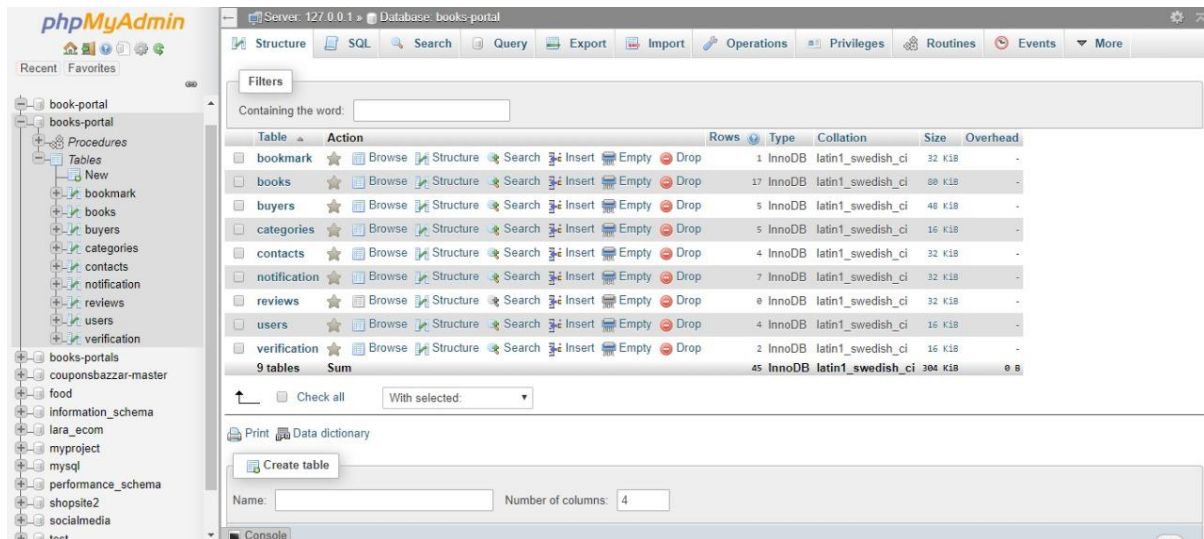


fig:8.1

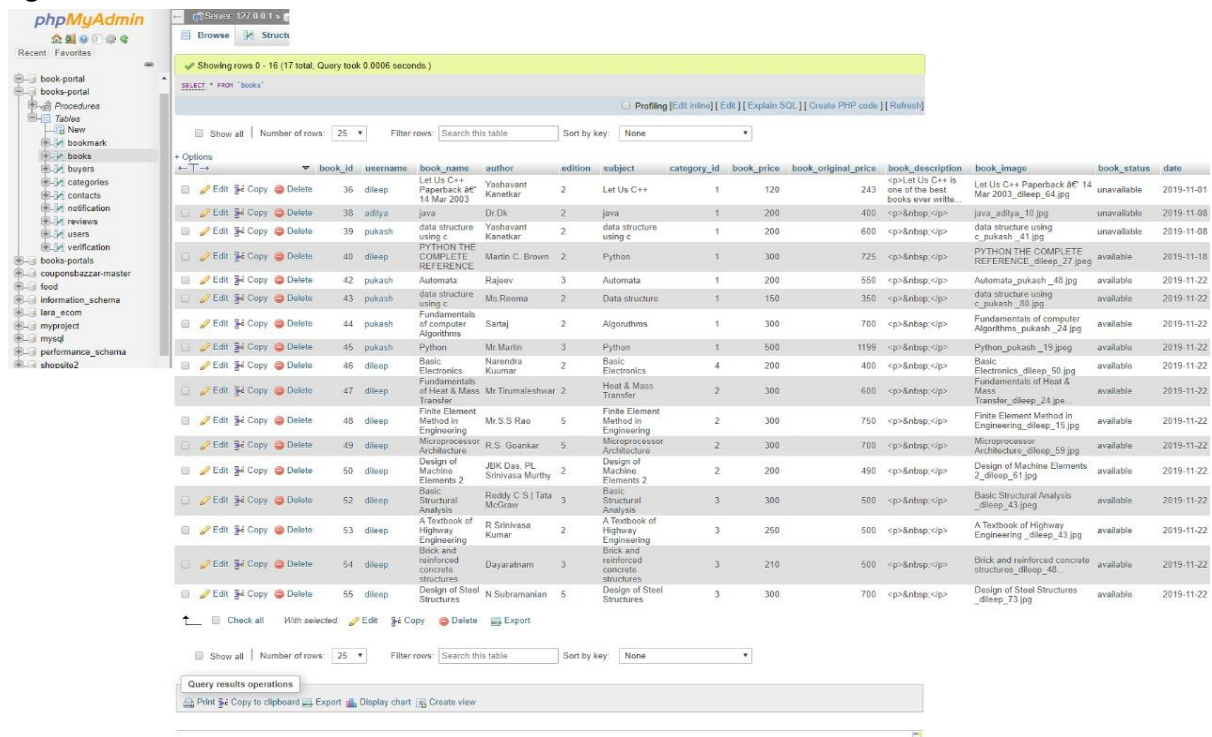


Fig:8.2

CHAPTER 9

CONCLUSION

This project is developed to nurture the needs of a customer who are in willing to sell or purchase the book. This application is used by 2 users: **user and admin**

Admin can access details like new customer details, and various other information. Overall using this website user can purchase the book or can sell the book at the price that the user wants to sell through various payment options and various delivery options.

CHAPTER 10

CODE SNIPPETS

```
<?php
function customPageHeader(){
    echo "<link rel='stylesheet' type='text/css' href='includes/css/main_page.css'>";
    echo "<script type='text/javascript' src='includes/javascript/main_page.js'></script>";

}
?>
<?php include "./templates/header.php"; ?>
<style type="text/css">
    .viewMore {
        height: 300px;
        background-color: #d5e6f3
    }
    .books {
        padding-right: 15px;
        padding-left: 5px;
    }
</style>

<?php
if (isset($_SESSION['username'])) {
    $username = $_SESSION['username'];
    $verify_query = "SELECT * FROM users WHERE username = '{ $username }'";

    $verify_query_result = mysqli_query($connection,$verify_query);

    if(!$verify_query_result){
        die("FAILED" . mysqli_error($connection));
    }else{
        $verify_row = mysqli_fetch_assoc($verify_query_result);
        $email_id = $verify_row['email'];
        $username = $verify_row['username'];
        $is_verified = $verify_row['is_verified'];
        if ($is_verified == 'false') {
            header("Location:
verify_user.php?email_id='{ $email_id }'&username='{ $username }'");
        }
    }
}
```

```
    }
  }
?>
<div id="wrapper">
<?php include "../templates/navigation.php"; ?>
<div class="container close_bookmark_sidebar" id="page-content-wrapper" style="margin:
0px; padding: 0px">
<div class="container-fluid row" style="background-
image:url('includes/images/image1.jpg'); background-repeat: no-repeat; background-
size:100% 100%; height: 400px;">

<br>
<br>

<!--<p align="center" style="color: #484848; font-size: 30px;font-family: fantasy;">Buy and
Sell Books Online</p>-->

<p align="center" style="color: white; font-size: 30px;font-family: fantasy;">Buy and Sell
Books Online</p>
<!-- search box start -->
<form method="GET" action="/search.php">
  <div class="container-fluid close_bookmark_sidebar autocomplete" style="background-
color: transparent; margin-top: 20px;">
    <div class="full-width-util input-group" id="searchBox">
      <input id="myInput" type="text" name="search" class="form-control home-search-
bar acInput" placeholder="Search by Book title.." autocomplete="off" style="width:100%;
background-color:#fff" required>
      <span class="input-group-btn">
        <button type="submit" value="Search" id="searchButtonInline" class="btn btn-
primary no-top-margin">Go!</button>
      </span>
    </div>
    <div id="parent_element" style="background-color:white;"></div>
  </div>
</form>
<!--
<form autocomplete="off" action="" style="margin:0 auto;">
  <span class="autocomplete" style="width:300px;margin: 0 auto;">
    <input id="myInput" type="text" name="myCountry" placeholder="Country">
  </span>
  <span>
    <input type="submit">
```

CHAPTER 11

REFERENCES

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