

BOOKSTORE MANAGENENT

CSE2004- DBMS PROJECT REPORT
(J Component)

submitted by

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INTRODUCTION

The bookstore management system developed is used to provide a wide range of choices for the user to select and buy books according to the user's choice. The backend is controlled by the admin who can insert a lot of books that are trending in the market and provide a lot of opportunities to buyers.

The website provides intensive details about the books such as top rated books and the different genres that are available to them. Every user has to provide details in order to purchase the books.

In such a manner, it provides a feasible manner in which users can easily buy books without having to rush to their bookstores and keep their trust on a fully functioning and reliable bookstore online.

1.1 Abstract

The project, Bookstore management aims to tackle the problems most book readers face today which is confusion when it comes to selecting top notch books. The website helps us to not only display which are the top trending books to read, it also displays best selling books from each category. In such a manner, users can easily select their books of choice and need not rush to a bookstore. Users will no longer face doubts about what books to purchase and if the books are really worth a read. The books are also delivered in an efficient manner. All of these interactions are real time and thus there arises a need for an efficient database management system, that can do it with minimal human interaction.

1.2 Requirements:

The Software requirements vary for user and server, that host the app, As such there are different requirements for each.

Software: Server: Apache Web server or similar service. MySQL Linux/Debian Server User: Any Modern-day web Browser e.g.: Chrome, Firefox Any Commercial Operating system, including Mobile.

Hardware: Server: CPU: 2-4 Core Processor Ram: 4-8 Gb of RAM Disk: Approx. 40 to 100MB Internet Connection with 1-2 Mbps Download/upload speed. User: CPU- 2-4 Core Processor RAM- 512 MB Internet Connection with 1-2 Mbps Download/Upload Speed.

Development: PHP-5 and PhpMyAdmin Any Modern browser HTML-5, CSS, JS Any text editor in this case Sublime Text Editor

1.3 Overview of Proposed system:

Bookstore management aims at automation and implementation of the following processes:

1. Creation of admin page where the admin inserts the books according to their category, price, name and image.

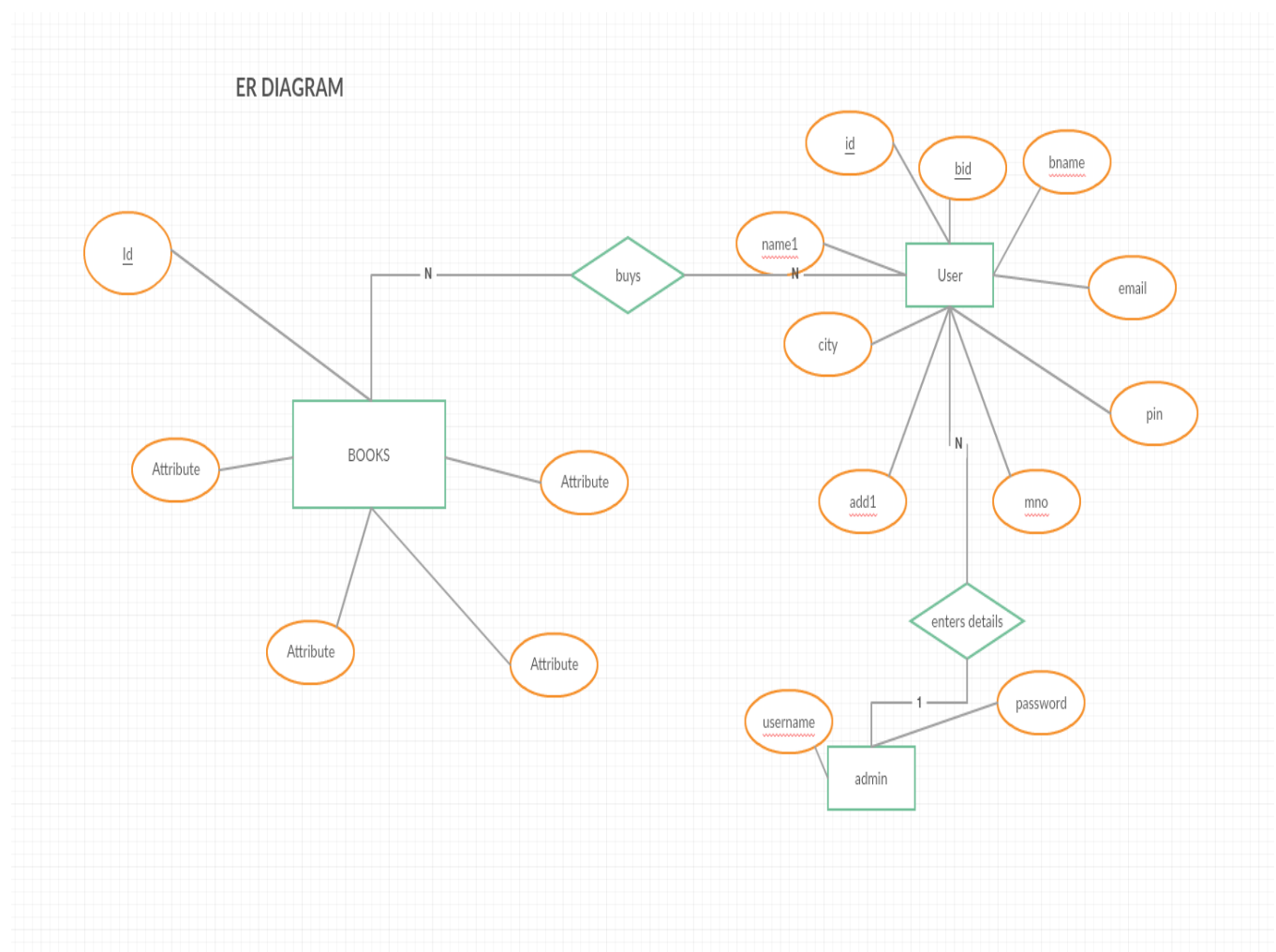
2.The books available are displayed to the user.all information is displayed including the image of the book,its name and what category they belong to.

3.The books are bought by the user according to their price and category.

4.Once books are bought,they are removed from the bookstore as they have been sold.

5.The bought books are displayed once the user buys those books under the sell category.

1.4 E-R DIAGRAM



1.5 TABLES

BOOK TABLE

	#	Name	Type	Collation	Attributes	Null	Default	Extra
<input type="checkbox"/>	1	id	int(50)			No	<i>None</i>	AUTO_INCREMENT
<input type="checkbox"/>	2	name	varchar(50)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	3	cat	varchar(50)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	4	price	varchar(50)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	5	img	varchar(100)	latin1_swedish_ci		Yes	<i>NULL</i>	

USER TABLE

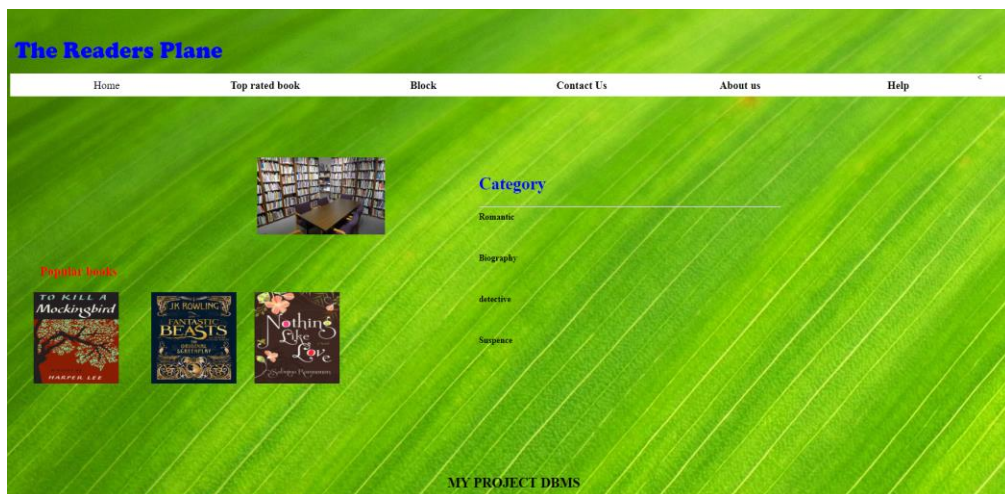
	#	Name	Type	Collation	Attributes	Null	Default	Extra
<input type="checkbox"/>	1	id	int(20)			No	<i>None</i>	AUTO_INCREMENT
<input type="checkbox"/>	2	bname	varchar(100)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	3	bid	varchar(20)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	4	name1	varchar(100)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	5	city	varchar(100)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	6	add1	varchar(100)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	7	mno	varchar(100)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	8	email	varchar(100)	latin1_swedish_ci		Yes	<i>NULL</i>	
<input type="checkbox"/>	9	pin	varchar(100)	latin1_swedish_ci		Yes	<i>NULL</i>	

Admin Login

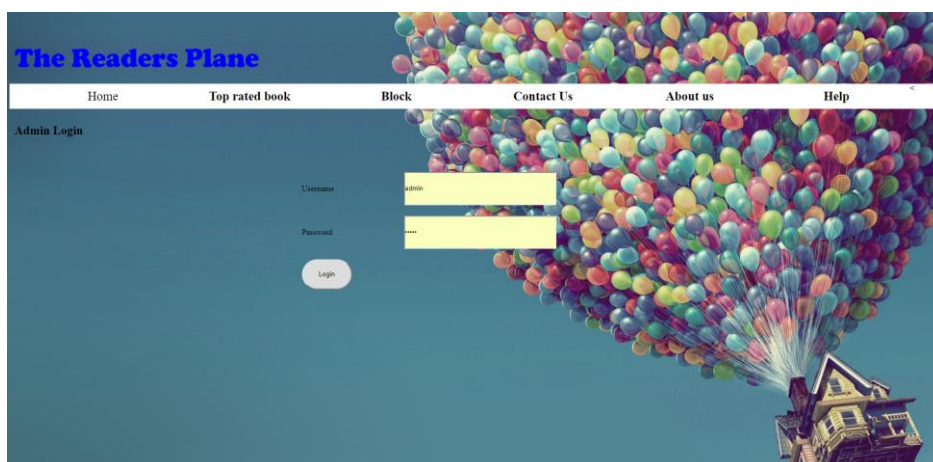
	#	Name	Type	Collation	Attributes	Null	Default
<input type="checkbox"/>	1	un	varchar(50)	latin1_swedish_ci		Yes	NULL
<input type="checkbox"/>	2	ps	varchar(50)	latin1_swedish_ci		Yes	NULL

1.6 SCREENSHOTS OF WORKING PROJECT

1.Home page



2.Login page



3.Inserting books

The Readers Plane

Home Insert Book Book List Sell Books Block Help

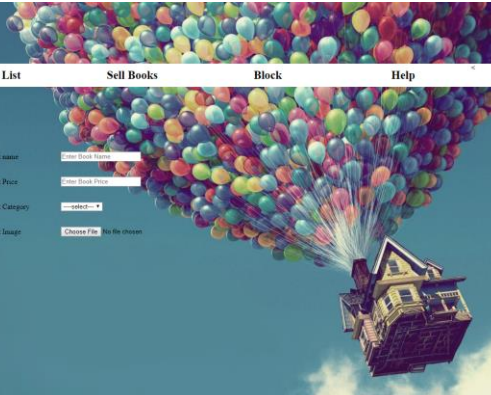
Admin Login

Enter Book name:

Enter Book Price:

Enter Book Category:

Enter Book Image:



4. Book list (Romantic books)


The Readers Plane

Home Insert Book Book List Sell Books Block Help

Admin Login

THE BOOK LIST

Name	Price	Category
ME BEFORE YOU	250	Romantic
a walk to remember	230	Romantic



5. CHOOSING CATEGORY OF BOOKS (BIOGRAPHY)

The Readers Plane

Home Top rated book Block Contact Us About us Help

Category

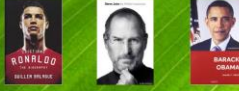

Romantic

Biography

Detective

Science

Biography books

6. Buying the Steve Jobs Book

Steve Jobs by Walter Isaacson



NAME :steve jobs
PRICE 350

Name:

Address:

City:

Mobile No:

E-mail:

Pin code:

7.Contact details



1.7 Conclusion

The project has proven itself to successfully provide an interface between the users and fulfilled all the requirements and goals it aimed to achieve. The users can now relax and order the books of their choice without any hesitation. There are various categories to choose from and at cheap rates which will surely tempt the customers to choose the website as a reliable source of purchasing books.

The project has proven to be a success and is ready for implementation on a commercial level.

1.8 Reference:

- PHP documentation:
 - <http://php.net/docs.php>

- HTML & CSS: Design and Build Web Sites, Jon Duckett
- w3schools
- MySQL documentation
- <https://dev.mysql.com/doc/>
- YouTube and Udemy.

1.9 Appendices:

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- PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open source generalpurpose scripting language that is especially suited for web development and can be embedded into HTML.
- MySQL is a central component of the LAMP opensource web application software stack (and other "AMP" stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python.