

Created By: Prathvik A. Sankaliya

A Project Report
On
The E-Book

Developed At
Harivandana College

For the fulfillment of the requirements for the
B.C.A. – 5th Semester[2021]

Developed By
Prathvik A. Sankaliya

Submitted To



DEPARTMENT OF COMPUTER SCIENCE

-. Under the Guidance of :-

Dr. Ashwin Rathod (Head of Department)
Prof. Dharmendra Ambani (Project In-charge)

THE E-BOOK

Created By: Prathvik A. Sankaliya

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❖ Notation and Naming Convention

➤ Use case :



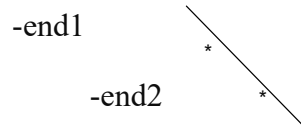
System boundary



Actor

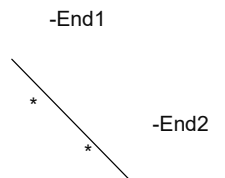
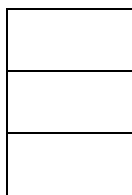


Usecase

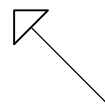


Communication Link

➤ Class Diagram :



Generalization

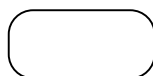


Class Relationship

➤ System activity diagram :



Active Sate



State



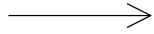
Initial State

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Final State



control flow



Conditional state

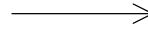
➤ Sequence Diagram :



Object line



Activation

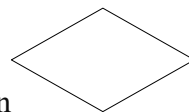


message transition

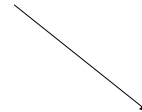
➤ Flow chart:



Process



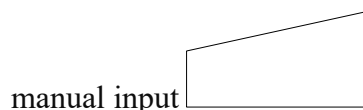
decision



Transaction

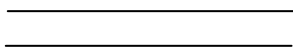


Data



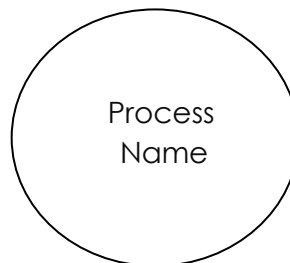
manual input

➤ Data flow Diagram:

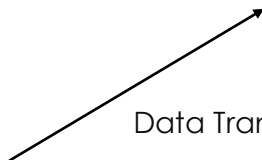


Database

Process



Process
Name



Data Transfer



External Interface

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1

INTRODUCTION

1.1 project Summary :

- An online E-book web projects that acts as a central database containing various books in stock along with their title, author , book pdf and images. This project is a website that acts as a central e-book web .
- This web project is developed using php as the front end and sql as a back-end. The sql database stores various book related details. A user visiting the website can see a wide range of books arranged in respective categories and sub-categories. The user may select desired book and read or download book.
- The user may even search for specific books on the website. Once the user selects a book category , he then has to watch subcategory in a page and the book is open for the user. The software has the following three main components.
- It gives the facility to the great Biography , old book read section , some of most favorite, read & Download e-books etc....
- The website has the following three main components:-
 1. Implement of new user to register and login.
 2. Implement user to choose any book using categories & sub-categories.
 3. Implement the user to Read & Check the books.
 4. Download the book .

The website implemented using PHP as the programming language.

1.2 Objective/aim/vision :

➤ **Reasons:**

- For the project, we reason to provide an online book Reading Environment for People. The online book will contain stories, study material, any courses books like computer and be available to everyone. Many students find textbooks too expensive to buy at school bookstores and many courses only use the required textbooks a few days in a semester. This becomes very wasteful and frustrating for students & others people. This online bookstore provides a solution to this. It will provide a service in which students can read books online without any treble. They do need to register with the site in read and downloads to books.

➤ **Benefits:**

- Different types of Books.
- Divided in main categories and sub-categories.
- Download and read book easily and quickly by one click.
- All books small description available.
- Books pdf and Books images show the user.
- Quick response the all pages.

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- Easy navigate the categories.
- Provide List the some of most favorite books.
- List of Many great leader biographies.

➤ **Goals & Objectives :**

- This website aims at reducing human effort & time of working hours.
- The main objective of this website is that any Employee and any students of this site user can access from anywhere.
- This website is user friendly & easy to use for people.
- It provides fast & efficient way of solving the Reading problems.

1.3 Scope :

➤ **Language Scope :**

- Language use – HTML , CSS , PHP, JAVASCRIPT,BOOTSTRAP , MySQL Connectivity.

➤ **Project Scope :**

- The scope of the project is defining what will and will not be supported by the website. This website will enable servers to manage

accounts: upload photos, fill out and submit books and including short text descriptions, as well as register for Downloading books .

- It's provide the faster downloading books.
- Add , update And Delete the books and categories quickly.
- Register member can any time log-in and log-out.
- Our team provide security and manage bugs and errors.

1.4 Modules:

The site will contain the following features:

- Register / Login.
- Different Categories & Subcategories provide.
- Add The Great Biography books.
- Online Read the Book.
- Downloading the book.

1.5 Project Boundary:

- XAMMP Web Server.
- MySQL

1.6 Duration:

In 12 weeks my website will be completed.

Analysis : 2 weeks

Design : 2 weeks

Coding : 6 weeks

Testing : 2 weeks

2

LITERATURE SURVEY

2.1 What is web development :

Web development broadly refers to the tasks associated with developing websites for hosting via intranet or internet. The web development process includes web design, web content development, client-side/server-side scripting and network security configuration, among other tasks. Web development is also known as website development.

2.2 HTML Overview :

- HTML was originated by Tim Berners-Lee
- HTML developed a few years ago as a subset of SGML (Standard Generalized Mark-up Language), which is a higher-level mark-up language that has long been a favorite of the Department of Defense.
- Any HTML document is also valid for SGML
- HTML is a Hyper Text Markup Language that is used to develop web pages ➤
HTML is not a programming language like C, C++ and Java etc.
- It is a cross platform markup language that is design to be flexible enough to display text and other elements like graphical on a variety of views.
- The HTML documents consist of special Tags that are embedded in an ASCII document.
- Web browser like Internet Explorer, Netscape Navigator etc, interprets these Tags.

2.3 JavaScript Overview :

- JavaScript was designed to add interactivity to HTML pages.
- JavaScript is a scripting language (a scripting language is a lightweight programming language)
- A JavaScript consists of lines of executable computer code
- A JavaScript is usually embedded directly into HTML pages
- JavaScript is an interpreted language (means that scripts execute without preliminary compilation)
- Everyone can use JavaScript without purchasing a license.

2.4 Bootstrap Overview :

- the most popular HTML, CSS, and JavaScript framework for creating responsive, mobile-first websites.
- Bootstrap 5 is the newest version of Bootstrap.
- faster stylesheet and more responsiveness.
- Bootstrap 5 supports the latest, stable releases of all major browsers and platforms. However, Internet Explorer 11 and down is not supported.
- The main differences between Bootstrap 5 and Bootstrap 3 & 4, is that Bootstrap 5 has switched to vanilla JavaScript instead of jQuery.

2.5 PHP Overview:

- PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language. PHP is now installed on more than 244 million websites and 2.1 million web servers. Originally created by Rasmus Lerdorf in 1995, the reference implementation of PHP is now produced by The PHP Group. While PHP originally stood for Personal Home Page, it is now said to stand for PHP: Hypertext Preprocessor, a recursive acronym.

- PHP code is interpreted by a web server with a PHP processor module which generates the resulting web page: PHP commands can be embedded directly into an HTML source document rather than calling an external file to process data. It has also evolved to include a command-line interface capability and can be used in standalone graphical applications.

- What is a PHP File ?
 - PHP files can contain text, HTML, JavaScript code, and PHP code
 - PHP code are executed on the server, and the result is returned to the browser as plain HTML
 - PHP files have a default file extension of ".php"

➤ What Can PHP Do?

- PHP can generate dynamic page content
- PHP can create, open, read, write, and close files on the server
- PHP can collect form data
- PHP can send and receive cookies
- PHP can add, delete, modify data in your database
- PHP can restrict users to access some pages on your website
- PHP can encrypt data With PHP you are not limited to output HTML. You can output images, PDF files, and even Flash movies. You can also output any text, such as XHTML and XML.

➤ Why PHP?

- PHP runs on different platforms (Windows, Linux, Unix, Mac OS X, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP has support for a wide range of databases
- PHP is free. Download it from the official PHP resource: www.php.net
- PHP is easy to learn and runs efficiently on the server side

➤ **Example:**

```
<!DOCTYPE html>
<html>
<head>
    <title>Example</title>
</head>
<body>
<?php
echo "Hello World";
?>
</body>
</html>
```

2.6 MYSQL Overview :

- **MYSQL Database Management System :**
 - MySQL, the most popular Open Source SQL database management system, is developed, distributed, and supported by MySQL.
 - MySQL is a commercial company, founded by the MySQL developers. It is a second generation Open Source Company that unites Open Source values and methodology with a successful business model.

- The MySQL Web site (<http://www.mysql.com/>) provides the latest information about MySQL software and MySQL.
- The official way to pronounce “MySQL” is “My Ess Que Ell” (not “my sequel”), but we don't mind if you pronounce it as “my sequel” or in some other localized way.
- **MYSQL Features :**
 - MySQL, the most popular Open Source SQL database management system, is developed, distributed, and supported by MySQL.
 - MySQL is a commercial company, founded by the MySQL developers. It is a second generation Open Source Company that unites Open Source values and methodology with a successful business model.
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2.7 Analysis :

When I started My Project First of all I had seen Book Store websites Like

- <https://www.snapdeal.com/products/books>
- <https://www.storyshares.org/books/home>
- <https://www.amazon.in/Books/b?ie=UTF8&node=976389031>

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etc. And seen their Facility which they provide

- Then I collected the Information about How Actual Book Store website work and then I collect information which i want for my Website.

I have given following facilities in My website.

❖ Client Side :

- Register or Login
- Profile & Logout
- Book Categories & Subcategories
- About & Contact Us
- Great Biography books
- Downloading & Reading books

❖ Admin Side :

- Dashboard
- Login & Logout
- Show all Tables
- Add Category , Update Category , Delete Category
- Add User
- Add books and Add Biographies

3 PROJECT MANAGEMENT

3.1 Project Planning and Scheduling

3.1.1 Project development Model

- **Software Development Process : Waterfall Model**

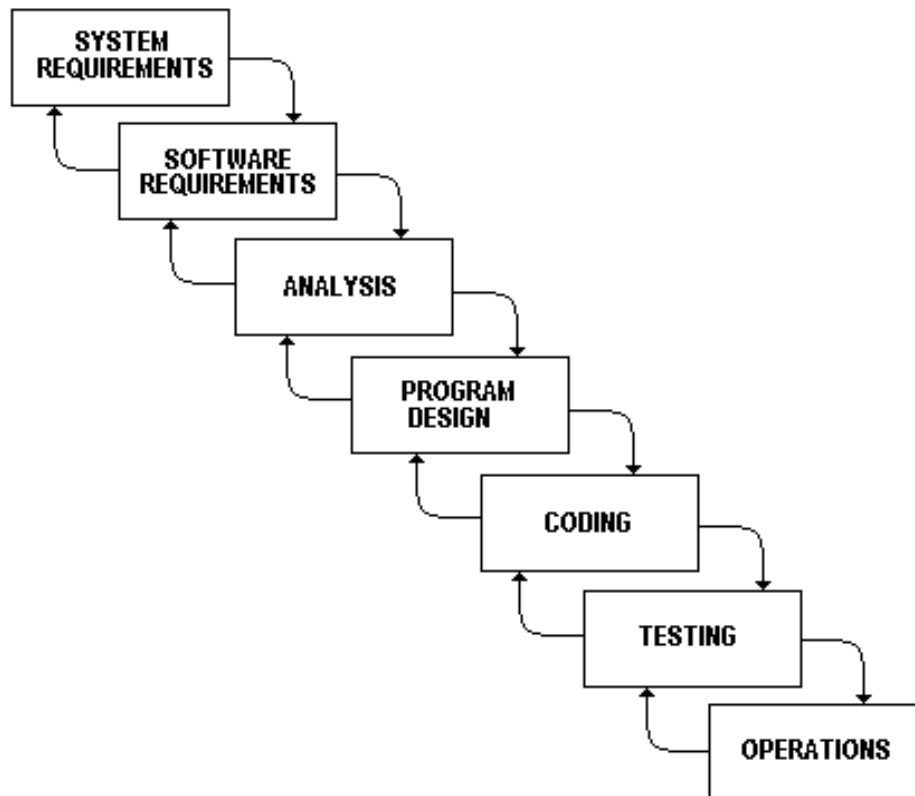
In the waterfall model, a project progresses through an orderly sequence of steps from the initial software concept through system testing. The project holds a review at the end of each phase to determine whether it is ready to advance to the next phase - from requirements analysis to architectural design. If the review determines that the project isn't ready to move to the next phase, it stays in the current phase until it is ready.

The waterfall model is document driven, which means that the main work products that are carried from phase to phase are documents. In the pure waterfall model, the phases are also discontinuous - they do not overlap. The following shows how the pure waterfall lifecycle model progresses.

The pure waterfall model performs well for product cycles in which you have a stable product definition and when you're working with well-understood technical methodologies. In such cases, the waterfall model helps you to find errors in the early, low-cost stages of a project. It provides the requirement stability that developers crave. If you're building a well-defined maintenance release of an existing product or porting an existing product to a new platform, a waterfall lifecycle might be the right choice for rapid development.

The pure waterfall model helps to minimize planning overhead because you can do all the planning up front. It doesn't provide tangible results in the form of software until the end of the lifecycle, but to someone

who is familiar with it, the documentation it generates provides meaningful progress throughout the lifecycle.

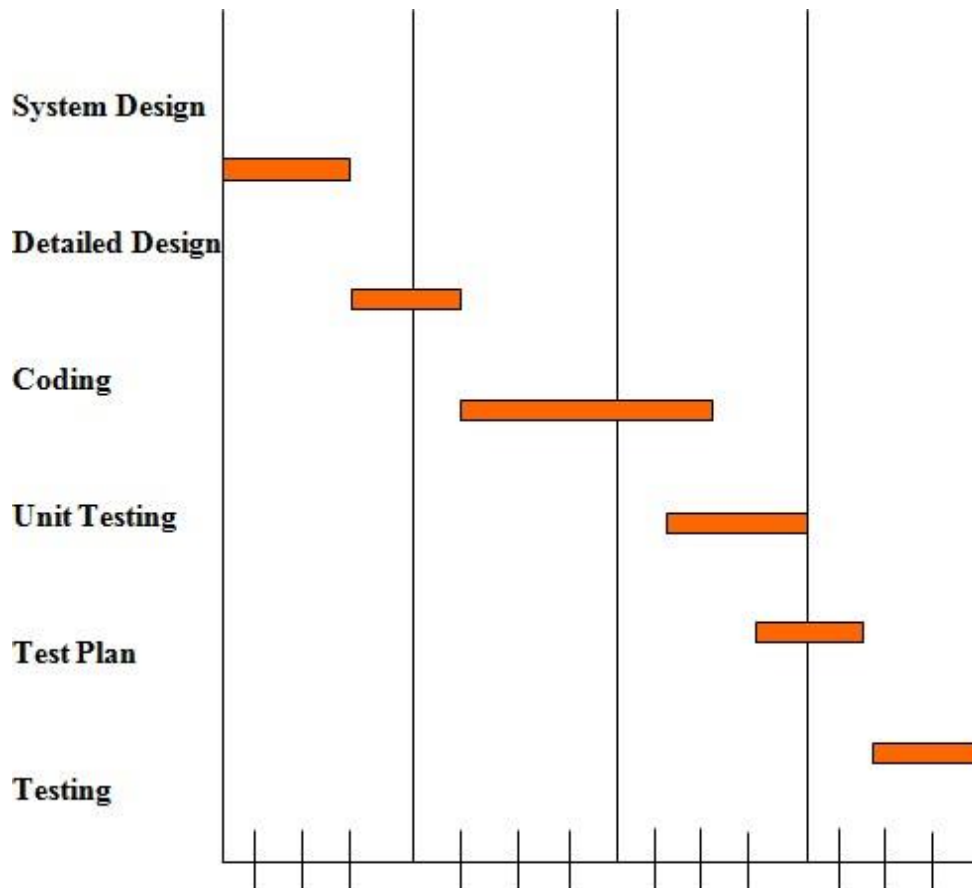


The waterfall model works well for projects that are well understood but complex, because you can benefit from tackling complexity in an orderly way. It works well when quality requirements dominate cost and schedule requirements. Elimination of midstream changes eliminates a huge and common source of potential errors.

3.1.2 Project Plan:

System Analysis	Duration	Resource Requirement
System Design and Documentation	2 WEEKS	All
Actual Development	2 WEEKS	All
Unit Testing	1 WEEKS	All
Integrated of System	1 WEEKS	All
Test case preparation	2 WEEKS	All
System Testing	2 WEEKS	All
Bug Fixing	1 WEEKS	All

3.1.3 Schedule Representation:



4

Requirements Specification

4.1 HARDWARE REQUIREMENTS :

- Intel i3 7th generation And Above
- Minimum 100 GB Hard disk
- Minimum 4 GB RAM
- Mouse, Keyboard
- 4x CR-ROM drive OR USB port

4.2 SOFTWARE REQUIREMENTS :

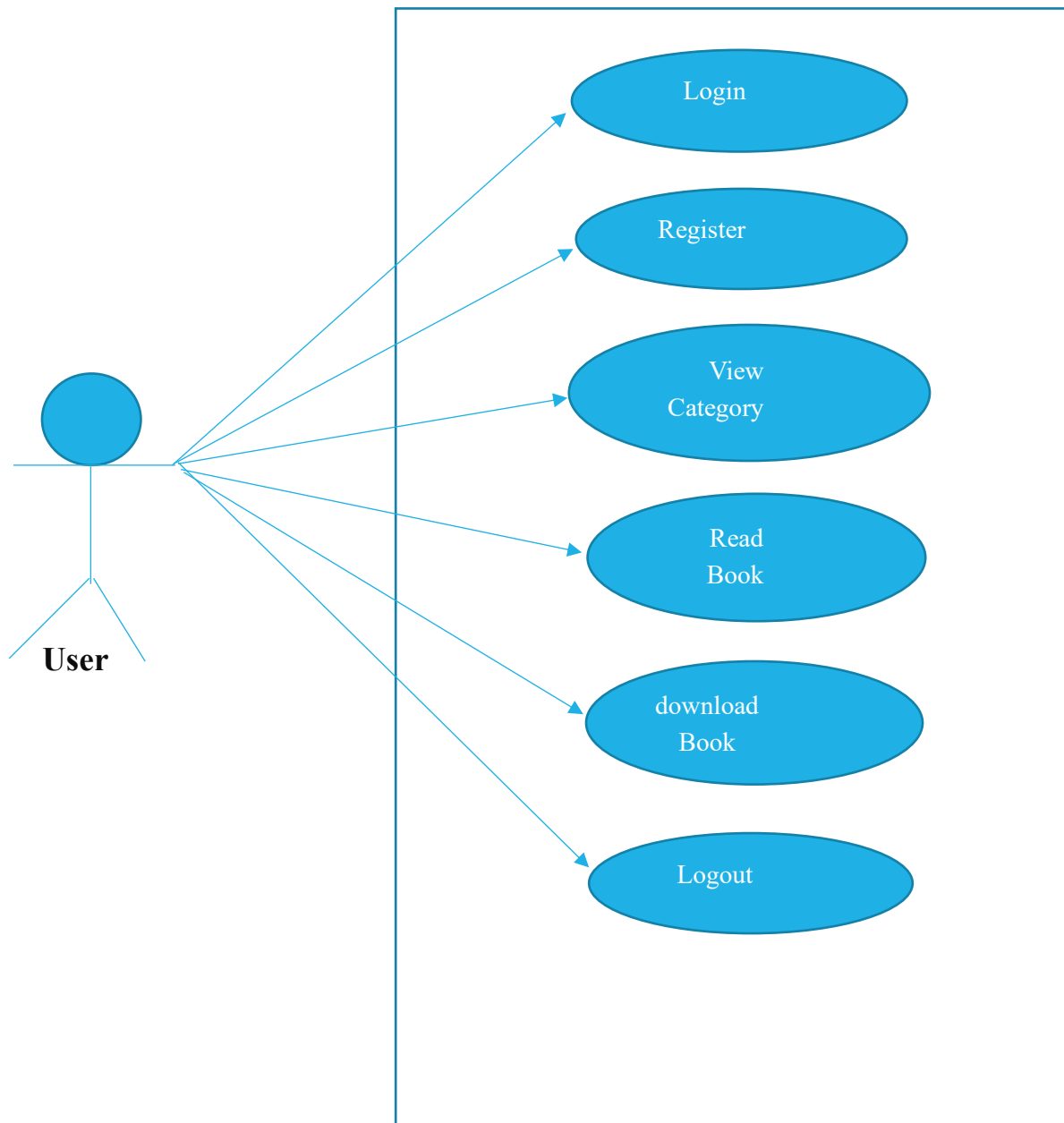
- Ubuntu 18.04LTS, Window 10 ,7
 - Xamp web server latest version or wamp server
 - PHP 5.6.3
 - MySQL 5.5.32
 - Microsoft word
-
- Web Browser :
 - Mozilla Fire Fox & Google Chrome latest version

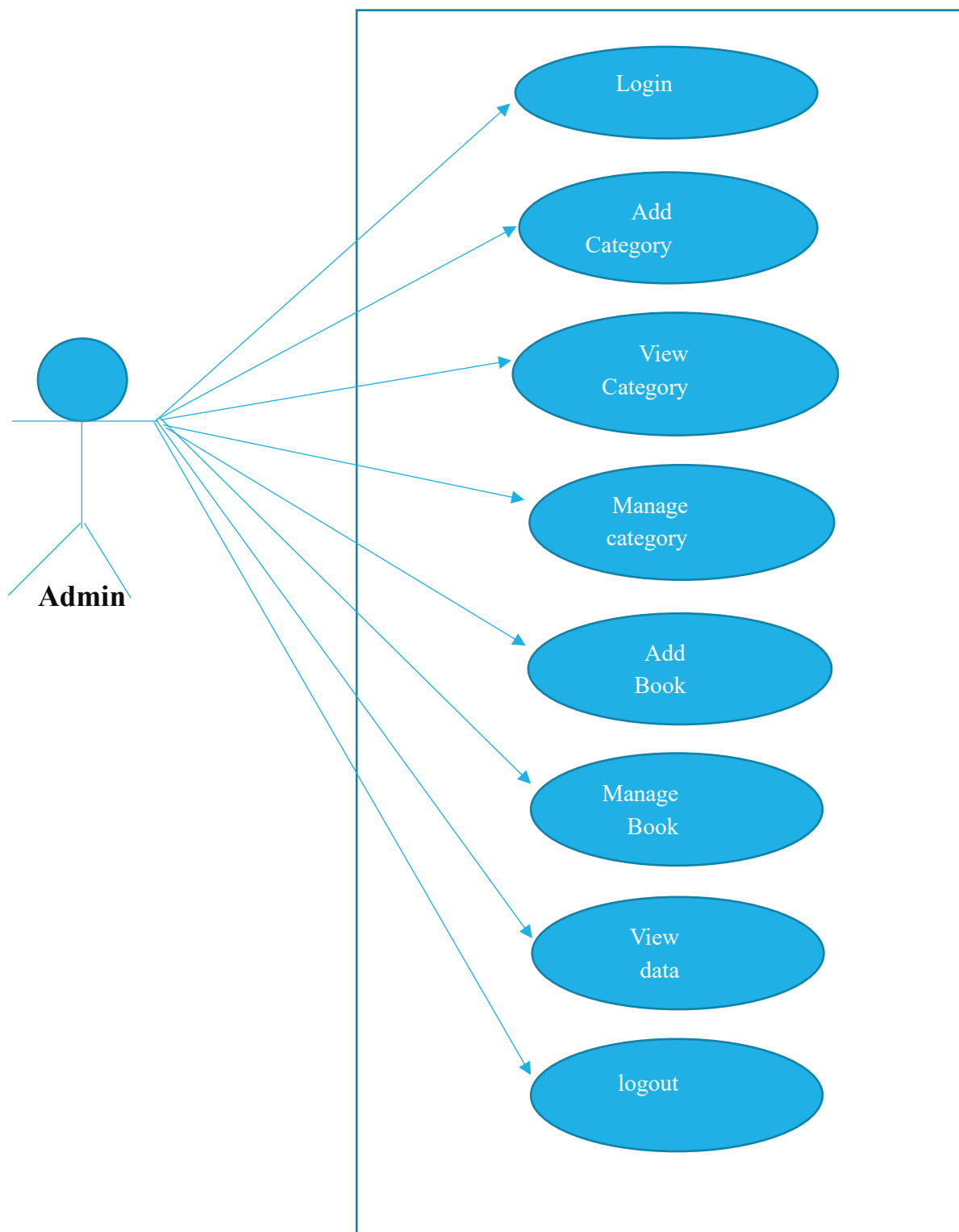
5

SYSTEM DESIGN

5.1 Basic Flow of System

➤ 5.1.1 Use Case Diagram





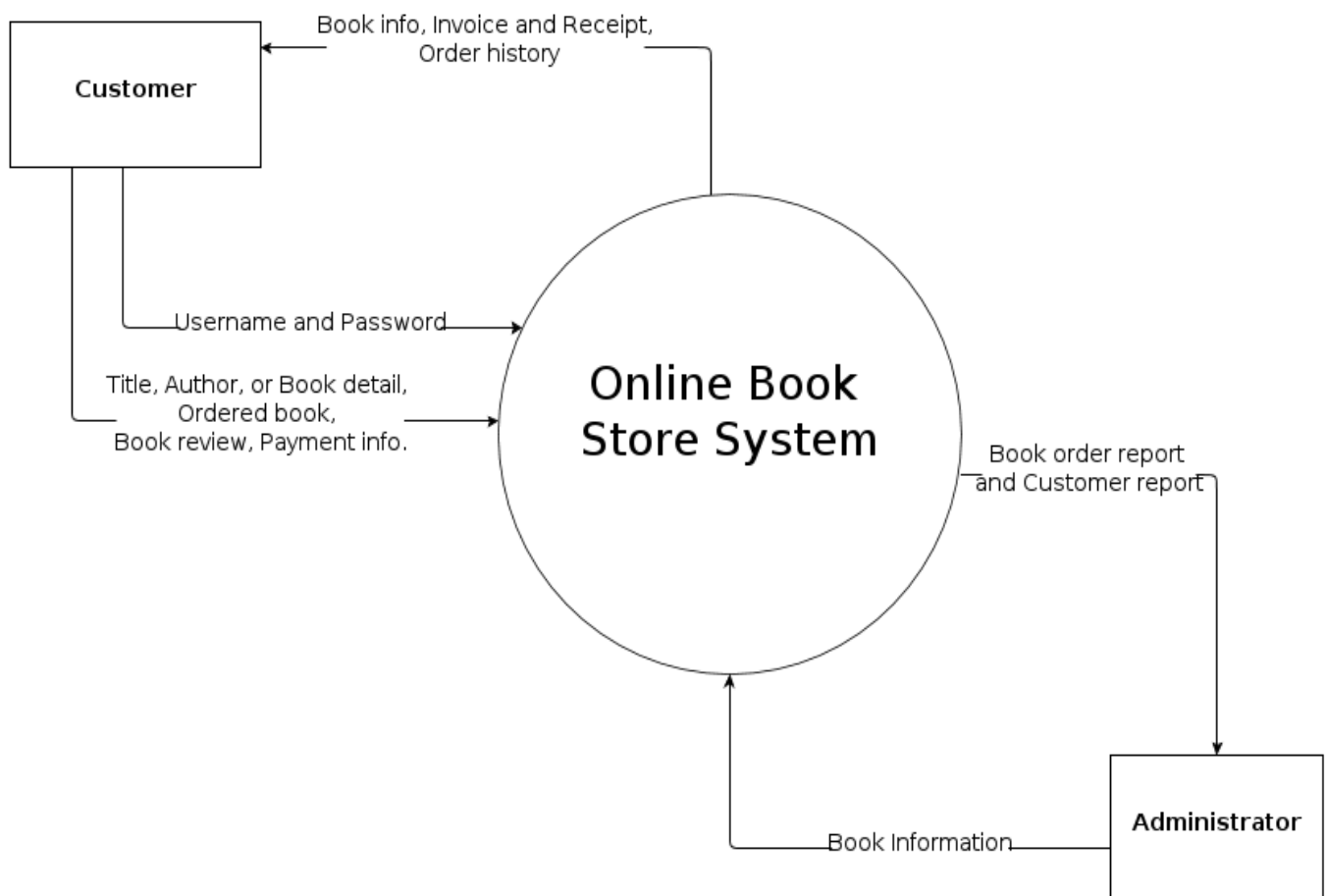
5.1.2 Data flow diagram:

Data Flow Diagrams show the flow of data from external entities into the system, and from one process to another within the system. There are four symbols for drawing a DFD:

1. Rectangles representing external entities, which are sources or destinations of data.
2. Ellipses representing processes, which take data as input, validate and process it and output it.
3. Arrows representing the data flows, which can either, be electronic data or physical items.
4. Open-ended rectangles or a Disk symbol representing data stores, including electronic stores such as databases or XML files and physical stores such as filing cabinets or stacks of paper.

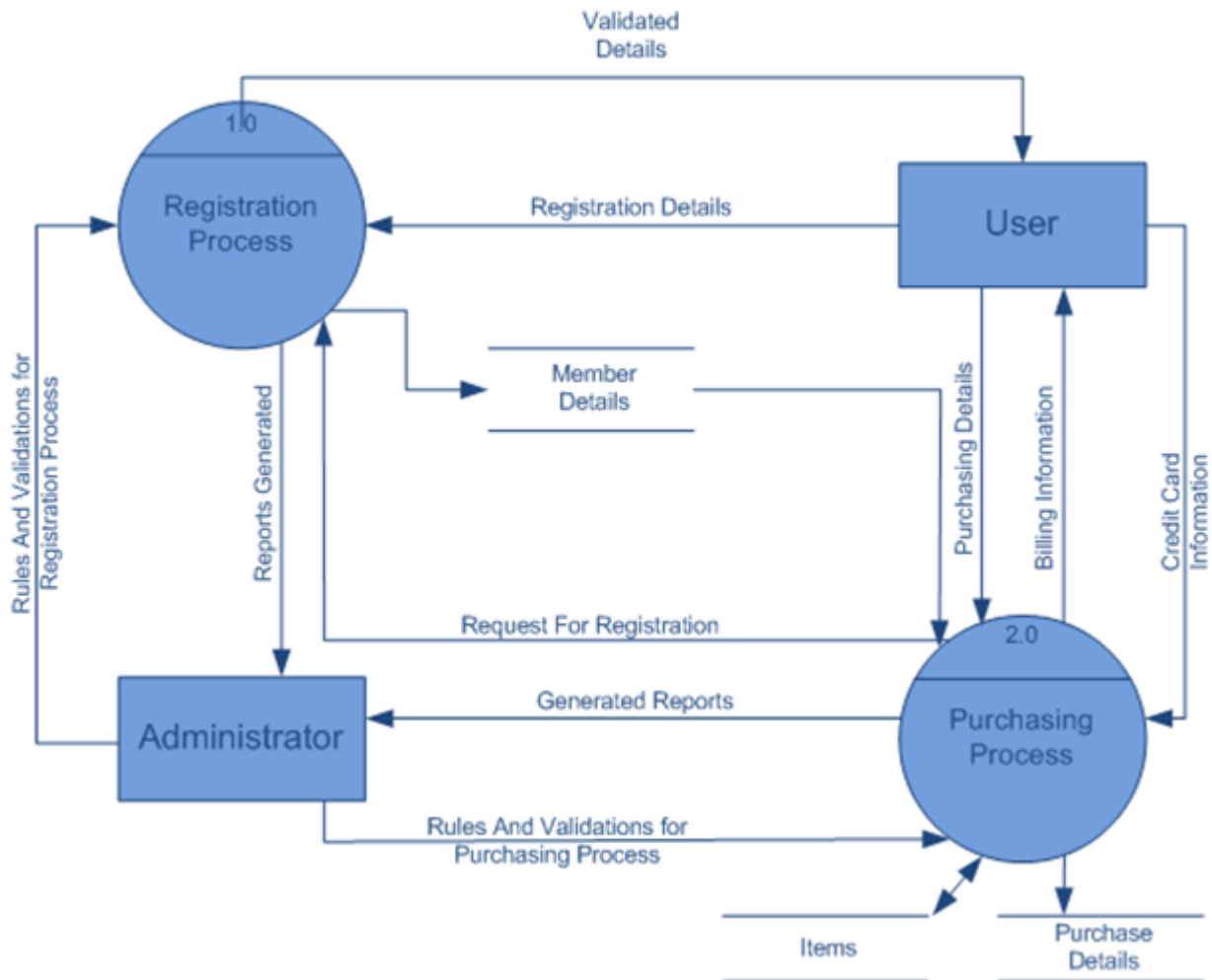
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5.2 System Procedural Design :

➤ 5.2.1 ER Diagram



6

IMPLEMENTATION

➤ **add_category :**

Table Name		Add_category		
Description		This table is used to maintain and store the information related to Book Category.		
Primary Keys		cat_id		
Key	Field Name	Type	Size	Constraints
*	cat_id	Integer	25	Primary Key
	Cat_name	Varchar	40	Not Null
	Cat_img	Varchar	60	Not Null
	Cat_status	Integer	60	Not Null
	Cat_time	Varchar	60	Not Null

➤ **user_register:**

Table Name		User_register		
Description		This table is used to maintain and store the information related to user register.		
Primary Keys		reg_id		
Key	Field Name	Type	Size	Constraints
*	reg_id	Integer	25	Primary Key
	reg_name	Varchar	30	Not Null
	reg_email	Varchar	30	Not Null
	reg_password	Integer	30	Not Null
	reg_time	Varchar	50	Not Null
	Reg_status	Integer	25	Not Null

➤ **admin_register:**

Table Name		admin_register		
Description		This table is used to maintain and store the information related to admin register.		
Primary Keys		a_reg_id		
Key	Field Name	Type	Size	Constraints
*	a_reg_id	Integer	25	Primary Key
	a_reg_name	Varchar	40	Not Null
	a_reg_email	Varchar	30	Not Null
	a_reg_password	Integer	30	Not Null
	a_reg_time	Varchar	60	Not Null
	a_reg_status	Integer	40	Not Null

➤ **add_sub_category:**

Table Name		Add_sub_category		
Description		This table is used to maintain and store the information related to Book sub-Category.		
Primary Keys		Sub_cat_id		
Key	Field Name	Type	Size	Constraints
*	sub_cat_id	Integer	60	Primary Key
	cat_name	Varchar	60	Not Null
	sub_cat_name	Varchar	60	Not Null
	sub_cat_img	Varchar	60	Not Null
	sub_cat_status	Integer	60	Not Null
	sub_cat_time	Varchar	60	Not Null

➤ **add_book:**

Table Name		add_book		
Description		This table is used to maintain and store the information related to add book.		
Primary Keys		book_id		
Key	Field Name	Type	Size	Constraints
*	book_id	Integer	60	Primary Key
	sub_cat_name	Varchar	60	Not Null
	book_name	Varchar	60	Not Null
	book_author	Varchar	60	Not Null
	book_img	Varchar	60	Not Null
	book_pdf	Varchar	80	Not Null
	book_desc	Varchar	80	Not Null
	book_time	Varchar	60	Not Null
	book_status	Integer	60	Not Null

➤ **book_read_user:**

Table Name		book_read_user		
Description		This table is used to maintain and store the information related to Book read user.		
Primary Keys		reader_id		
Key	Field Name	Type	Size	Constraints
*	reader_id	Integer	60	Primary Key
	reader_name	Varchar	60	Not Null
	reader_book	Varchar	60	Not Null
	reader_status	Integer	60	Not Null
	reader_time	Varchar	60	Not Null

➤ **home_biography:**

Table Name		home_biography		
Description		This table is used to maintain and store the information related to biography books.		
Primary Keys		bio_id		
Key	Field Name	Type	Size	Constraints
*	bio_id	Integer	60	Primary Key
	bio_name	Varchar	60	Not Null
	bio_author	Varchar	60	Not Null
	bio_img	Varchar	60	Not Null
	bio_pdf	Varchar	60	Not Null
	bio_desc	Varchar	60	Not Null
	bio_time	Varchar	60	Not Null
	bio_status	Integer	60	Not Null

➤ DataBase Structure (image)

The screenshot displays the MySQL Database Structure tool interface. The top toolbar includes buttons for Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, Triggers, and Designer. The 'Structure' tab is active, showing a list of tables in the 'thebookstore' database. A search filter is present at the top left. Below the table list, there are options to 'Check all' and 'With selected:'. At the bottom, there is a 'Create table' section with fields for 'Name' and 'Number of columns' (set to 4), and a 'Go' button. A 'Console' tab is visible at the bottom left.

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> add_book	★ Browse Structure Search Insert Empty Drop	15	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> add_category	★ Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> add_sub_category	★ Browse Structure Search Insert Empty Drop	33	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> admin_register	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> book_read_user	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> home_biography	★ Browse Structure Search Insert Empty Drop	10	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> user_register	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	32.0 KiB	-
7 tables	Sum	71	InnoDB	utf8mb4_general_ci	144.0 KiB	0 B

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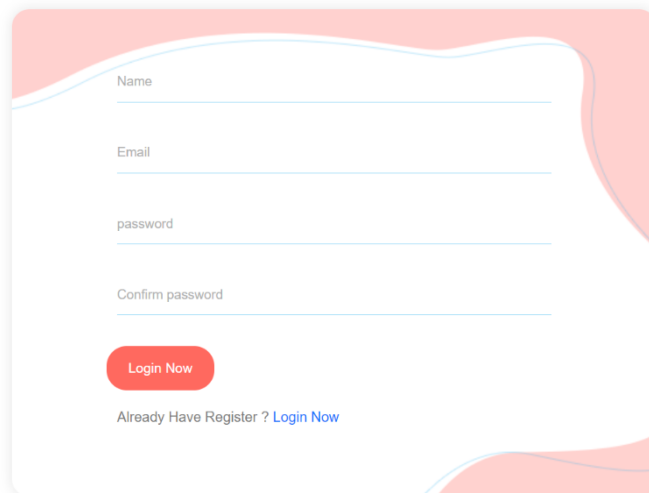
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➤ Front-End Website Layout:

✚ Register page:

The Book Store

"A room without books is like a body without a soul."



Name

Email

password

Confirm password

Login Now

Already Have Register ? [Login Now](#)

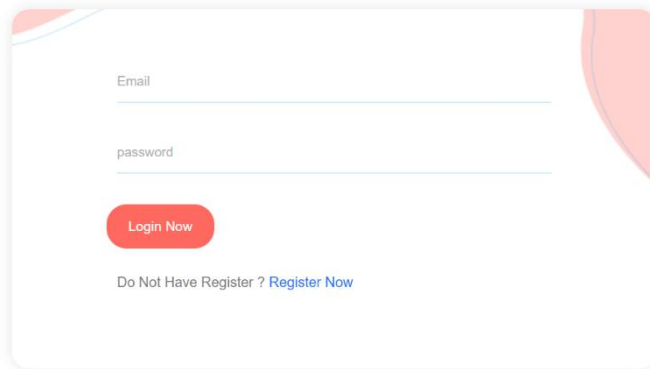
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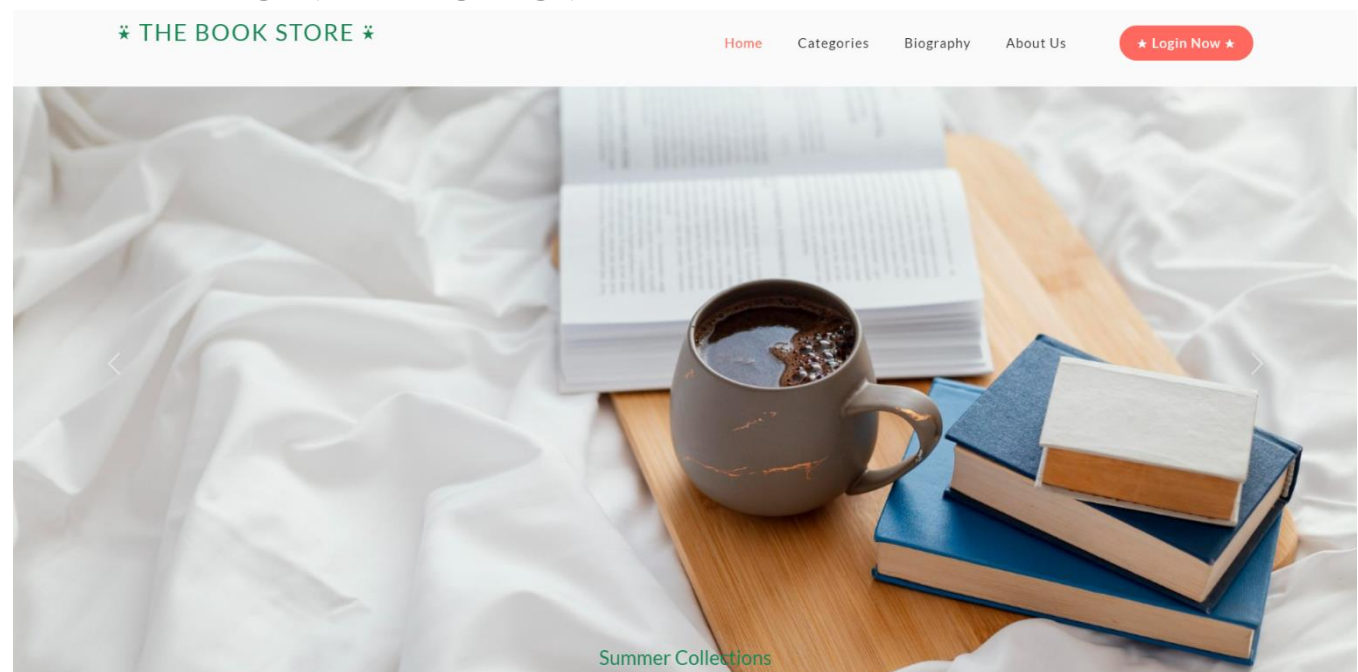
✚ Login page:

The Book Store

"A room without books is like a body without a soul."

A login form with a white background and rounded corners, featuring a pink decorative corner element. It contains two input fields for 'Email' and 'password', a red 'Login Now' button, and a link 'Do Not Have Register ? Register Now'.

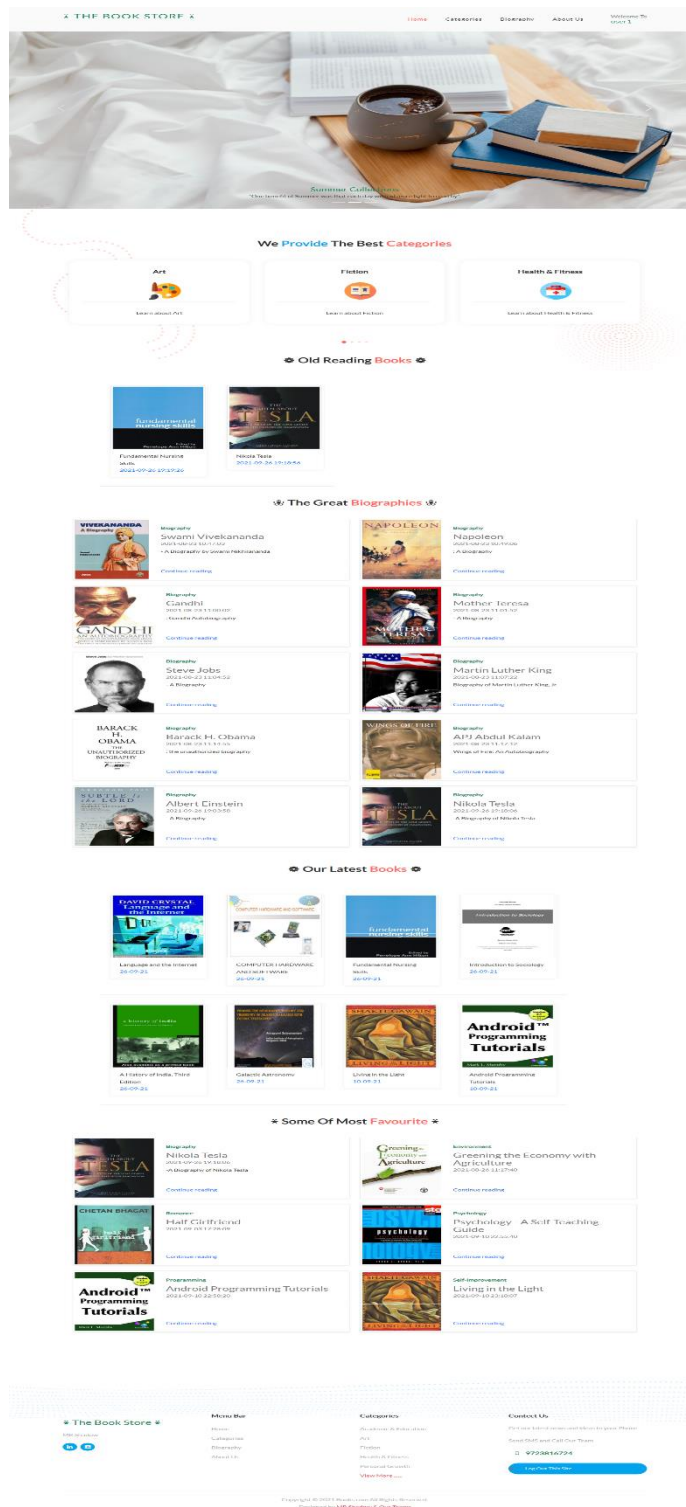
✚ Banner Page (Landing Page)



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Home page:



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Learn More About The Fiction ...

Technology

Learn More About The Technology ...

Combo Packs

Learn More About The Combo Packs ...

Academic & Education

Environment

History

Psychology

Sociology

Medical

Art

Photography

Painting & Drawing

Graphic Design

Fashion & Beauty

Fiction

Mystery & Crime

Horror

poetry

Romance

Drama

Health & Fitness

Medical

Fitness & Diet

Food & Nutrition

Personal Growth

Spirituality

Psychology

Relationships

Self-Improvement

Technology

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Internet

Programming

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Physics

Math

Chemistry

Biology

Astronomy & Space

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Politics

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Books Category

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- Environment

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- Sociology

- Medical

Art

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- Painting & Drawing

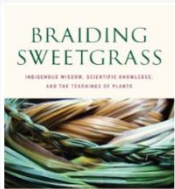
- Graphic Design

- Fashion & Beauty

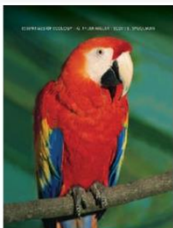
Fiction

Markus S. Cohen

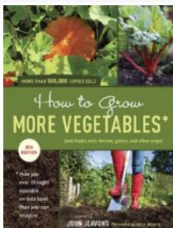
🌿 Environment 🌿




Braiding Sweetgrass
26-08-21




Essentials of Ecology
26-08-21




How to Grow More Vegetables
26-08-21



Environmental Engineering
FOURTH EDITION
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A WORLD ALIKE STORY



Greening the Economy

49 | Page

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🌿 Greening the Economy with Agriculture 🌿



★ Category Name : Academic & Education

★ Sub Category Name : Environment

★ Author Name : by Schweizerische Eidgenossenschaft

★ Launch Date-Time : 2021-08-26 11:17:40

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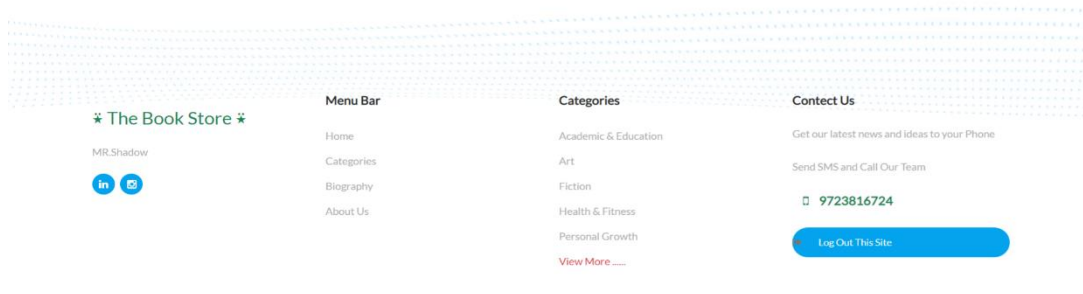
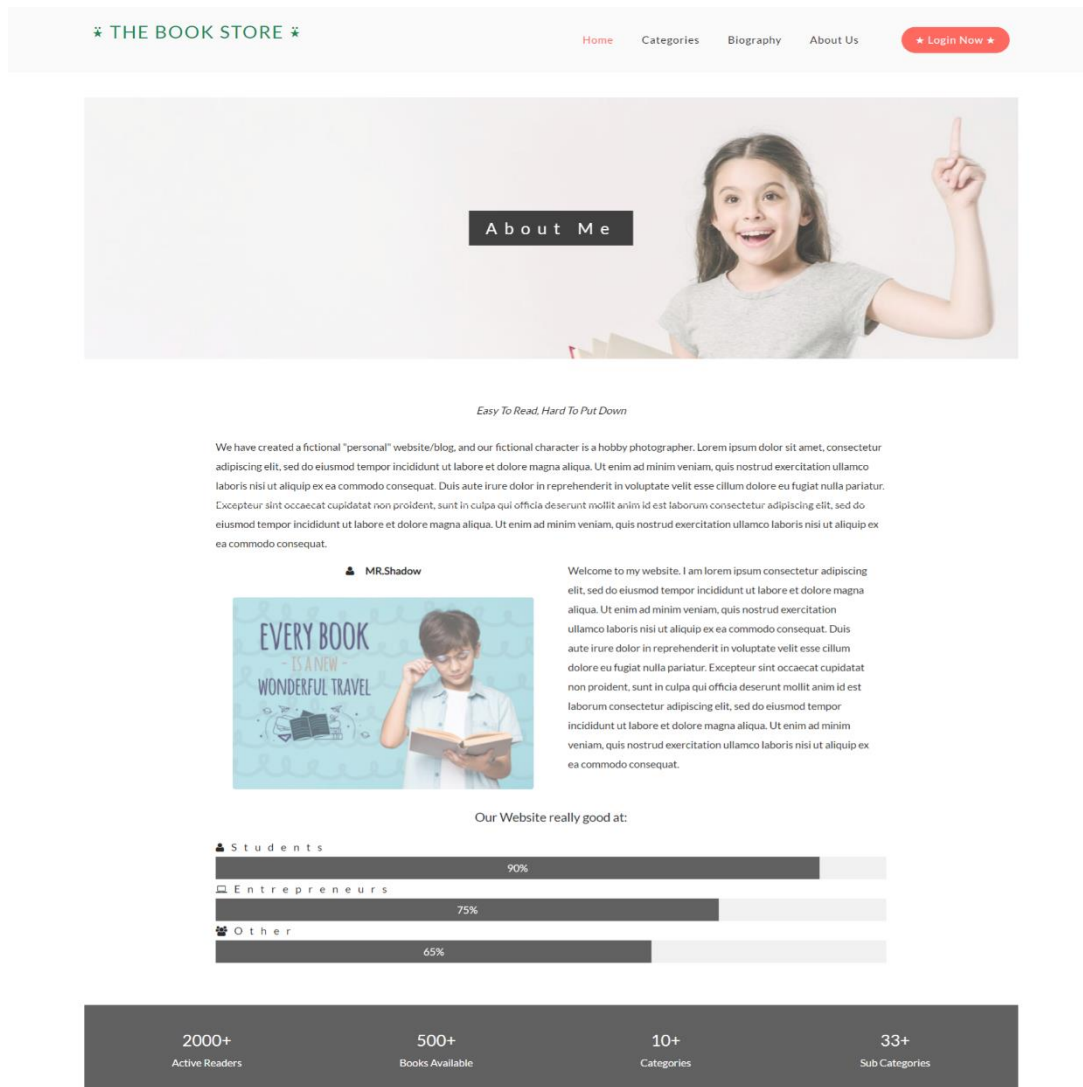
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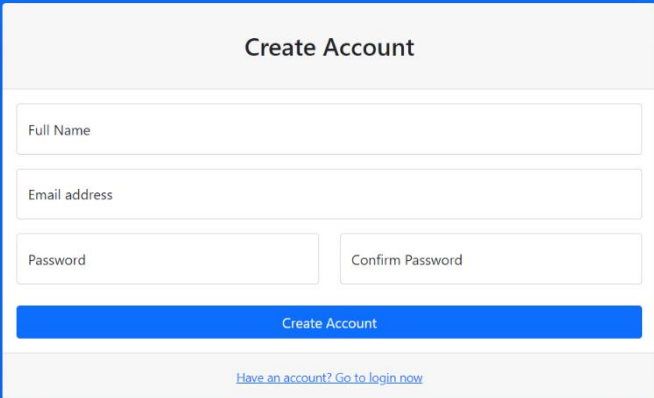
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➤ **Admin Side :**

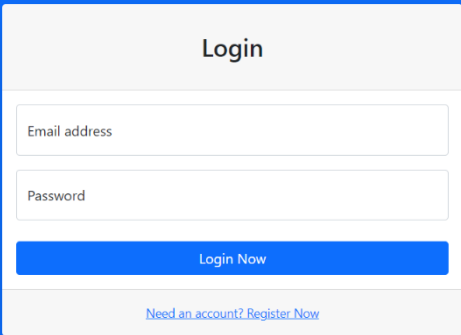
✚ **Register Page:**



The image shows a 'Create Account' form centered on a blue background. The form has a light gray header with the title 'Create Account'. Below the header, there are four input fields: 'Full Name', 'Email address', 'Password', and 'Confirm Password'. The 'Password' and 'Confirm Password' fields are side-by-side. Below these fields is a blue button labeled 'Create Account'. At the bottom of the form, there is a link that says 'Have an account? Go to login now'. The footer of the page contains the text 'Copyright © Your Website 2021' on the left and 'Privacy Policy · Terms & Conditions' on the right.

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✚ **Login page :**



The image shows a 'Login' form centered on a blue background. The form has a light gray header with the title 'Login'. Below the header, there are two input fields: 'Email address' and 'Password'. Below these fields is a blue button labeled 'Login Now'. At the bottom of the form, there is a link that says 'Need an account? Register Now'. The footer of the page contains the text 'Copyright © Your Website 2021' on the left and 'Privacy Policy · Terms & Conditions' on the right.

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10 entries per page

Search...

Id	Category Name	SubCategory Name	SubCategory Image	SubCategory Time	SubCategory Status
34	Politics & Laws	Law	Law.PNG	2021-08-14 17:35:54	1
33	Politics & Laws	Politics	Politics.PNG	2021-08-14 17:34:23	1
32	Science & Research	Astronomy & Space	Astronomy & Space.PNG	2021-08-14 17:31:52	1
31	Science & Research	Biology	Biology.PNG	2021-08-14 17:30:51	1
30	Science & Research	Chemistry	Chemistry.PNG	2021-08-14 17:30:37	1
29	Science & Research	Math	Math.PNG	2021-08-14 17:30:04	1
28	Science & Research	Physics	Physics.PNG	2021-08-14 17:29:43	1
27	Technology	Hardware	Hardware.PNG	2021-08-14 17:29:12	1
26	Technology	Tutorials	Tutorials.PNG	2021-08-14 17:28:51	1
25	Technology	Programming	Programming.PNG	2021-08-14 17:28:31	1

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
Search for... 





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
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
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
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Author Name

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Description

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Choose...	Category
Subcategory Name	
Edit SubCategory	

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Category Table

Category Id	Category Name	Category Image	Category Status	Category Time	Edit	Delete
11	Combo Packs	Combo Packs.PNG	1	2021-08-14 12:08:05	Edit	Delete
10	Politics & Laws	Politics & Laws.PNG	1	2021-08-14 12:07:31	Edit	Delete
8	Science & Research	Science & Research.PNG	1	2021-08-14 11:54:35	Edit	Delete
7	Technology	Technology.PNG	1	2021-08-14 11:54:06	Edit	Delete
6	Personal Growth	Personal Growth.PNG	1	2021-08-14 11:53:43	Edit	Delete
5	Health & Fitness	Health & Fitness.PNG	1	2021-08-14 11:53:06	Edit	Delete
4	Fiction	Fiction.PNG	1	2021-08-14 11:52:12	Edit	Delete
3	Art	Art.PNG	1	2021-08-14 11:51:05	Edit	Delete
1	Academic & Education	Academic & Education.PNG	1	2021-08-13 18:56:02	Edit	Delete

SubCategory Table

SubCategory Id	Category Name	SubCategory Name	SubCategory Image	SubCategory Time	SubCategory Status	Edit	Delete
34	Politics & Laws	Law	Law.PNG	2021-08-14 17:35:54	1	Edit	Delete
33	Politics & Laws	Politics	Politics.PNG	2021-08-14 17:34:23	1	Edit	Delete
32	Science & Research	Astronomy & Space	Astronomy & Space.PNG	2021-08-14 17:31:52	1	Edit	Delete
31	Science & Research	Biology	Biology.PNG	2021-08-14 17:30:51	1	Edit	Delete
30	Science & Research	Chemistry	Chemistry.PNG	2021-08-14 17:30:37	1	Edit	Delete
29	Science & Research	Math	Math.PNG	2021-08-14 17:30:04	1	Edit	Delete
28	Science & Research	Physics	Physics.PNG	2021-08-14 17:29:43	1	Edit	Delete
27	Technology	Hardware	Hardware.PNG	2021-08-14 17:29:12	1	Edit	Delete
26	Technology	Tutorials	Tutorials.PNG	2021-08-14 17:28:51	1	Edit	Delete
25	Technology	Programming	Programming.PNG	2021-08-14 17:28:31	1	Edit	Delete
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23	Personal Growth	Self Improvement	Self Improvement.PNG	2021-08-14 17:27:47	1	Edit	Delete
22	Personal Growth	Relationships	Relationships.PNG	2021-08-14 17:27:22	1	Edit	Delete
21	Personal Growth	Psychology	Psychology.PNG	2021-08-14 17:26:54	1	Edit	Delete
20	Personal Growth	Spirituality	Spirituality.PNG	2021-08-14 17:26:32	1	Edit	Delete
19	Health & Fitness	Food & Nutrition	Food & Nutrition.PNG	2021-08-14 17:25:31	1	Edit	Delete
18	Health & Fitness	Fitness & Diet	Fitness & Diet.PNG	2021-08-14 17:25:06	1	Edit	Delete
17	Health & Fitness	Medical	Medical.PNG	2021-08-14 17:24:29	1	Edit	Delete
16	Technology	Software	Software.PNG	2021-08-14 12:51:25	1	Edit	Delete
15	Fiction	Drama	Drama.PNG	2021-08-14 12:38:20	1	Edit	Delete
14	Fiction	Romance	Romance.PNG	2021-08-14 12:38:06	1	Edit	Delete
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9	Art	Graphic Design	Graphic Design.PNG	2021-08-14 12:35:41	1	Edit	Delete
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5	Academic & Education	Sociology	Sociology.PNG	2021-08-14 12:24:11	1	Edit	Delete
4	Academic & Education	Psychology	Psychology.PNG	2021-08-14 12:23:48	1	Edit	Delete
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User Register Table

Register Id	Register Name	Register Email	Register Password	Register Time	Register Status	Delete
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21	User	user@gmail.com	123456789	2021-08-07 19:48:28	1	Delete

Admin Register Table

Register Id	Register Name	Register Email	Register Password	Register Time	Register Status	Delete
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1	user	user@gmail.com	123456789	2021-08-08	1	Delete

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7

Testing

7.1 TESTING

Testing is one of the important steps in system development. Software Testing also provides an objective, independent view of the software to allow the business to appreciate and understand the risks at implementation of the software. Test techniques include, but are not limited to, the process of executing a program or application with the intent of finding software bugs.

Software Testing can also be stated as the process of validating and verifying that a software program/application/product:

- i. Meets the business and technical requirements that guided its design and development;
- ii. Works as expected; and
- iii. Can be implemented with the same characteristics.

Software Testing, depending on the testing method employed can be implemented at any time in the development process. However, most of the test effort occurs after the requirements have been defined and the coding process has been completed. As such, the methodology of the test is governed by the Software Development methodology adopted.

7.2 TESTING LEVELS

Tests are frequently grouped by where they are added in the software development process, or by the level of specificity of the test.

7.2.1 Unit Testing

Unit Testing refers to tests that verify the functionality of a specific section of code, usually at the function level. In an object-oriented environment, this is usually at the class level, and the minimal unit tests include the constructors and destructors.

These types of tests are usually written by developers as they work on code (white-box style), to ensure that the specific function is working as expected. One function might have multiple tests, to catch corner cases or other branches in the code. Unit testing alone cannot verify the functionality of a piece of software, but rather is used to assure that the building blocks the software uses work independently of each other. Unit testing is also called *Component Testing*.

7.2.2 Integration Testing

Integration Testing is any type of software testing that seeks to verify the interfaces between components against a software design. Software components may be integrated in an iterative way or all together ("big bang"). Normally the former is considered a better practice since it allows interface issues to be localized more quickly and fixed.

Integration Testing works to expose defects in the interfaces and interaction between integrated components (modules). Progressively larger groups of tested software components corresponding to elements of the architectural design are integrated and tested until the software works as a system.

7.2.3 System Testing

System Testing tests a completely integrated system to verify that it meets its requirements.

7.3 TYPES OF TESTING

7.3.1 FUNCTIONAL TESTING

It is an approach to testing where the tests are derived from the program or component specification. The system is a black box whose behavior can only be determined by studying its inputs and the related outputs.

7.3.2 STRUCTURAL TESTING

Structural testing is an approach to testing where the tests are derived from knowledge of the software's structure and implementation. This approach is sometimes called 'white-box testing' to distinguish from black –box testing.

8.

FUTURE WORK

- We have done analysis of this entire system till now, and in future we will develop this system as per our analysis.
- In future this Website will become very user-friendly and UI design will be very effective.
- We will convert this web-site into app management so that any user can access our app anywhere through their mobiles .
- Payment , home delivery and Bank facilities will be available .

9

CONCLUSION

I have developed “*The E-Book Store*” website in Readers to overcome the difficulties in managing the existing manual systems. The website has been designed effectively keeping in mind, the possible future enhancement and additional functionality; it has been designed to run in an efficient way.

The website is designed to be very user-friendly and interactive manner so that the user cannot find any difficulty while browsing the website. Thereby the proposed website, which is an economically, technically and operationally feasible system has overcome the deficiency that was present in the manual system.

10

REFERENCES

➤ This project was impossible to be a success without the support and help from the experience guide , the books and mainly the internet really prove it for us the “Information Highway”. Everything was really easy to find out on the internet.

WEBSITE :

- www.w3school.com
- <https://www.snapdeal.com/products/books>
- <https://www.storyshares.org/books/home>
- <https://www.amazon.in/Books/b?ie=UTF8&node=976389031>
- <https://stackoverflow.com/>

Last But Not List :

1. Github (Source Code) Link :

https://github.com/Shadow-Bhai/The_E-Book.git

2. C Panel Link :

3. Live Website :

4. Admin Panel :

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