

**DOLLYBEN DESAI INSTITUTE OF  
COMPUTER AND ALLIED SCIENCE, PALSANA  
VEER NARMAD SOUTH GUJARAT UNIVERSITY (VNSGU)**

**PROJECT REPORT  
ON  
BOOKLY**

**As partial Requirement for the Degree**

**Of  
Bachelor of Computer Applications**



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**Submitted By:**

- |                          |             |
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# Acknowledgement

It gives me great pleasure in submitting this project entitled “**BOOKLY**” as a part of the curriculum of BCA (Semester VI). I avail this opportunity to express my heartfelt gratitude to a number of people who extend their full support and co-operation in developing this project. I would like to take opportunity to thank my college, **Dollyben Desai Computer and Allied Science**. I am thankful to my internal project guide **Mr. Rajesh Rathod** has been an exceptional teacher and motivator. His inspirational ideas and advices have kept me going during the training period. I am thankful to the faculty of the institute for their constant guidance not only during training period but also throughout college career. Finally, I would like to thank **My Parents** for their support throughout the project. I owe a special debt to our family & friends for their support blessing and encouragement for me.

Dharmesh Diyora

Vishal Karad



# Abstract

Welcome to Bookly, the ultimate website for free eBooks! Discover a vast and diverse collection of eBooks spanning various genres, from fiction to non-fiction, science fiction to romance, mystery to history, and more. Our platform offers a user-friendly and intuitive interface, making it easy for book lovers of all ages and backgrounds to explore, select, and download their favorite eBooks without any cost. With Bookly, you can embark on a literary adventure, immersing yourself in captivating stories, exploring new ideas, and expanding your knowledge. Our website is meticulously curated, ensuring high-quality eBooks that are free from malware, viruses, and other security risks. We continuously update our collection with new and popular titles, so you can always find something that suits your interests and preferences.

## ***INDEX***

Sr. No.	TOPIC	Page No.
1.	Introduction	1
2.	Proposed System <ul style="list-style-type: none"> <li>➤ Scope</li> <li>➤ Objective</li> <li>➤ Constraints               <ul style="list-style-type: none"> <li>● H/W Constraints</li> <li>● S/W Constraints</li> </ul> </li> <li>➤ Advantages</li> <li>➤ Limitation</li> </ul>	3
3.	Environment Specification <ul style="list-style-type: none"> <li>➤ Hardware &amp; Software Requirements</li> <li>➤ Development Description</li> </ul>	9
4.	System Planning <ul style="list-style-type: none"> <li>➤ Feasibility Study</li> <li>➤ Software Engineering Model</li> <li>➤ Risk Analysis</li> <li>➤ Project Schedule               <ul style="list-style-type: none"> <li>● Timeline Chart</li> </ul> </li> </ul>	15
5.	System Analysis <ul style="list-style-type: none"> <li>➤ Detailed SRS</li> <li>➤ Use Case Diagram               <ul style="list-style-type: none"> <li>● Admin</li> <li>● Author</li> <li>● User</li> </ul> </li> <li>➤ E-R Diagram</li> <li>➤ Class Diagram</li> </ul>	25
6.	Software Design <ul style="list-style-type: none"> <li>➤ Database Design</li> <li>➤ Interface Design</li> </ul>	33
7.	Testing <ul style="list-style-type: none"> <li>➤ Unit Testing</li> <li>➤ Integration Testing</li> </ul>	54
8.	Future Enhancement	59
9.	Reference	61

# PROJECT PROFILE

<b>PROFILE</b>	<b>DETAIL</b>
<b>Project Name:</b>	Bookly
<b>Technology:</b>	PHP, MySQLi
<b>Front-End:</b>	HTML, CSS
<b>Back-End:</b>	PHP, MySQLi
<b>Internal Guide:</b>	Mr. Rajesh Rathod
<b>Submitted To:</b>	Dollyben Desai Institute of Computer and Allied Science, Palsana
<b>Developed By :</b>	Mr. Vishal Karad Mr. Dharmesh Diyora

# 1 . INTRODUCTION

# ★ Introduction

- Welcome to Bookly, the premier website for free eBooks! Are you passionate about reading but looking for affordable options? Look no further! Bookly is your gateway to a vast collection of eBooks that are available for free. We are committed to providing a platform that offers book lovers of all kinds a seamless and enjoyable reading experience without breaking the bank.
- At Bookly, we understand the value of a good book and believe that everyone should have access to quality literature, regardless of their budget. Our carefully curated collection covers a wide range of genres, from classic literature to contemporary bestsellers, from self-help to sci-fi, from history to romance, and more. With Bookly, you can indulge in your love for reading without worrying about the cost.
- Our website is designed with user-friendliness in mind, making it easy to search, select, and download eBooks that suit your interests and preferences. We take pride in ensuring that our eBook collection is safe and secure, with strict measures in place to protect against malware, viruses, and other security risks.
- Join our community of bookworms and embark on a literary journey with Bookly. Discover new worlds, explore diverse topics, and broaden your horizons - all without spending a dime. Get ready to unlock the joy of reading with Bookly, where free eBooks await!

## 2. PROPOSED SYSTEM

# ★ Scope

- The scope of an online book store can vary depending on its business model and target audience. Some online book stores may focus on a particular genre of books, such as children's books, academic textbooks, or romance novels. Other online book stores may offer a broader selection of books across different genres.
- In addition to books, some online book stores may also offer other reading materials, such as magazines, newspapers, and comics. Some online book stores may also sell e-books, audiobooks, and other digital reading materials, which can be downloaded and read on electronic devices such as e-readers, smartphones, and tablets.
- The scope of an online book store may also include features such as user reviews and ratings, recommendations based on a user's reading history, and the ability to track shipping and delivery of physical books. Some online book stores may also offer discounts and promotions to attract customers.
- Overall, the scope of an online book store can very widely, and it depends on the goals of the business and the needs and interests of its target audience.

# ★ Objective

The objective of the documentation for Bookly is to provide users with clear and comprehensive guidance on how to effectively use the platform and make the most out of its features and functionalities. The documentation aims to:

- 1. Assist Users:** Help users understand how to navigate the Bookly website, search for eBooks, download eBooks, create an account, manage their reading preferences, and utilize other features and functionalities of the platform.
- 2. Educate Users:** Provide detailed information on the various genres and subjects covered in Bookly's eBook collection, helping users explore and discover eBooks that align with their interests and preferences.
- 3. Troubleshoot Issues:** Offer troubleshooting guides to address common issues or errors that users may encounter while using Bookly, providing solutions and assistance in resolving problems effectively.
- 4. Enhance User Experience:** Ensure that users have a seamless and enjoyable experience with Bookly by providing clear instructions, tips, and guidelines on how to make the most out of the platform's features and functionalities.
- 5. Promote Platform Usage:** Encourage users to actively utilize Bookly as their go-to destination for free eBooks by showcasing the breadth and depth of the eBook collection and highlighting the value and benefits of using the platform.

# ★ Constraints

## → H/W Constraints: -

- Minimum Microsoft windows 7 required.
- Google chrome, Mozilla Firefox any other browser required.

## → S/W Constraints: -

- Band width 10 Mbps minimum required.
- Processor 1 GB RAM and 100 GB HDD minimum required.



## Advantages

There are several advantages of online book stores, including:

- Ease of Use
- Self-Help Resource
- Improved User Experience
- Increased Platform Adoption
- Time and Cost Saving
- Accessible Resource



## Limitation

- Bookly only Available for desktop or pc
- Right now we provide limited number of books.
- Bookly has a Language Limitations.

### **3. ENVIRONMENT SPECIFICATION**



# Hardware/Software Requirements

- The efficient hardware and software configuration requires to run the system as suggested below. The configuration suggested is for better performance. Same functionality or higher configuration will always be better.

## Development Environment

H/W & S/W	REQUIREMENT
<b>Software:</b>	Visual studio code
<b>Operating System:</b>	Window 10
<b>Browser:</b>	Google Chrome, Mozilla Firefox, Internet Explorer, UC Browser
<b>Database:</b>	MySQL
<b>Memory:</b>	8GB
<b>Hard Disk:</b>	1TB
<b>SSD:</b>	256GB

# Client Environment

H/W & S/W	REQUIREMENT
<b>Operating System:</b>	Window
<b>Browser:</b>	Google Chrome, Mozilla Firefox, Internet Explorer, UC Browser
<b>Microprocessor:</b>	Any But Latest Is Good for Performance
<b>Memory:</b>	1GB
<b>Hard Disk:</b>	100GB



# Development Descriptions

## ① OVERVIEW OF PHP: -

- Precisely, PHP is a very powerful server-side scripting language like asp for developing dynamic web applications. using PHP, you can build interactive and dynamic website with ease. if you have some idea about the c language then learning PHP should be a fairly simple task for you.
  
- It is free, it is suitable for web development, it is efficient, it is widely used and it is considered to be the most powerful alternative to Microsoft's asp. PHP script can be embedded straight into the heart of html code just like asp.
  
- One of the reasons of the why PHP is getting more popular is that its syntax is very much similar to that of c and Perl. PHP is compatible with various web servers like Apache and the Microsoft's IIS as well. all the PHP scripts are executed on the server (Apache, IIS etc.) and it supports various databases like MySQL, oracle, solid, generic ODBC etc.; however, it is mostly used with MySQL. another reason for the ever-increasing popularity of PHP is that it is free to download and use.



## ② OVERVIEW OF XAMPP: -

- XAMPP is an abbreviation for cross platform, Apache, MySQL, PHP and Perl, and it allows you to build WordPress site offline, on a local web server on your computer. This simple and lightweight solution works on Windows, Linux, and Mac – hence the “Cross-platform” part.
- Since WordPress isn't a stand-alone application, XAMPP provides two essentials' components for its installation Apache, which is used to create the local server, and MySQL which you can use as a database for your website.
- You may be wondering why and how developers are using WordPress local server. The answer is simple it allows them to create a local copy of the site in which they can try out new plugin updates before implementing them on its live version.
- This way they can prevent and spot potential errors and issues that might occur.
- Now it's time to dive deeper into this XAMPP tutorial and learn how to locally host a website on Windows, Mac, or Linux.



# XAMPP

### ③ OVERVIEW OF MYSQL: -

- The MySQL pluggable storage engine architecture enables a database professional to select a specialized storage engine for a particular application need while being completely shielded from the need to manage any specific application coding requirements. The MySQL server architecture isolates the application programmer and DBA from all of the low-level implementation details at the storage level, providing a consistent and easy application model and API. Thus, although there are different capabilities across different storage engines, the application is shielded from these differences.



## 4. SYSTEM PLANNING



# Feasibility Study

 Preliminary investigation examines project feasibility, the likelihood the system will be useful to the organization. The main objective of the feasibility study is to test the Technical, Operational and Economical feasibility for adding new modules and debugging old running system. All system is feasible if they are unlimited resources and Infinite time. There are aspects in the feasibility study portion of the preliminary investigation:

- ❖ Operation Feasibility
- ❖ Technical Feasibility
- ❖ Economical Feasibility

## **1 Operational Feasibility: -**

➤ Proposed projects are beneficial only if they can be turned out into information system. That will meet the organization's operating requirements. Operational feasibility aspects of the project are to be taken as an important part of the project implementation. Some of the important issues raised are to test the operational feasibility of a project includes the following: -

- Is there sufficient support for the management from the users?
- Will the system be used and work properly if it is being developed and implemented?
- Will there be any resistance from the user that will undermine the possible website benefits?

- This system is targeted to be in accordance with the above-mentioned issues. Beforehand, the management issues and user requirements have been taken into consideration. So, there is no question of resistance from the users that can undermine the possible website benefits.

## **② Technical Feasibility: -**

- The technical issue usually raised during the feasibility stage of the investigation includes the following:
  - Does the necessary technology exist to do what is suggested?
  - Do the proposed equipment have the technical capacity to hold the data required to use the new system?
  - Will the proposed system provide adequate response to inquiries, regardless of the number of requirements of users?
  - Can the system be upgraded if developed?
  - Are there technical guarantees of accuracy, reliability, ease of access and data security?
- Earlier no system exists as per the requirement of our application point of view that we develop its current technical facility as well as we provide easy to access for new user. The database purpose is to create establish, and maintain the work flow among various entities according to order specify.

### ③ Economical Feasibility: -

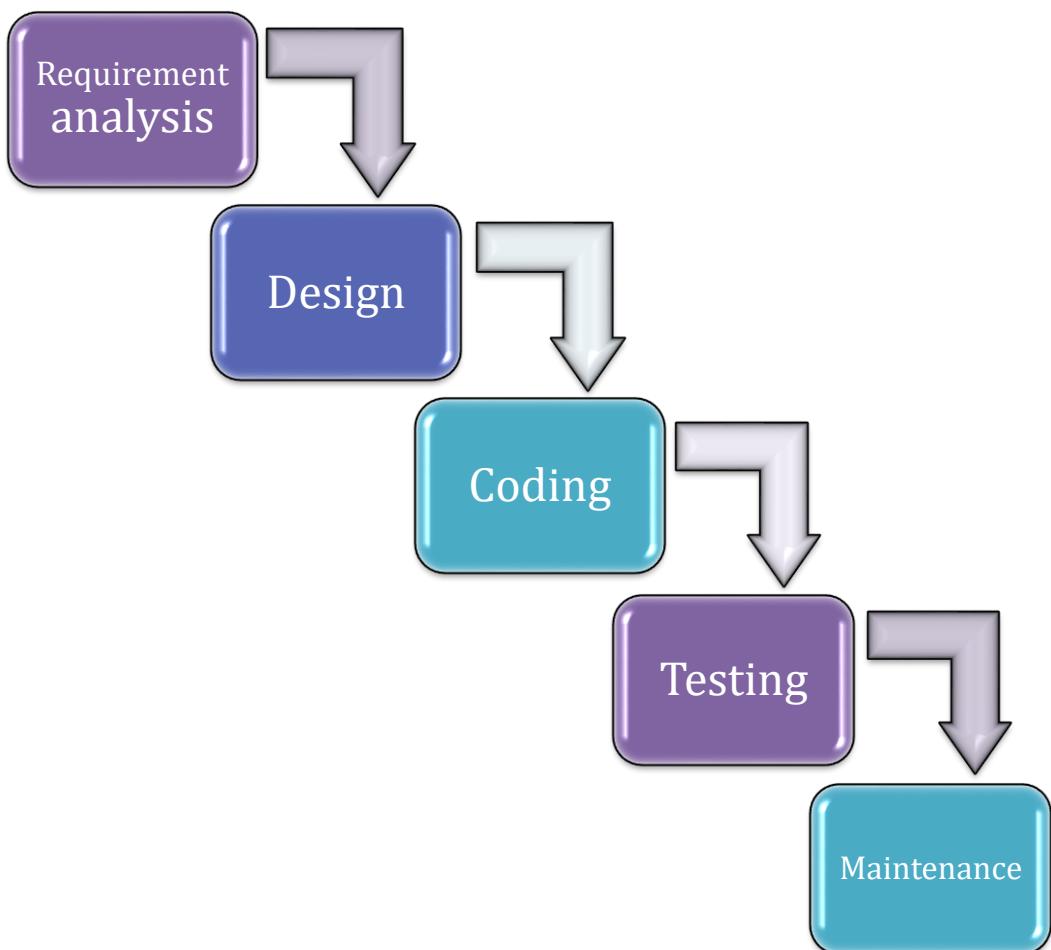
- A system can be developed technically and that will be used if installed must still be a good investment for the organization. In the economical feasibility, the development cost in creating the system is evaluated against the ultimate benefit derived from the new systems as well as new developer. Financial benefits must equal or exceed the costs.



# Software Engineering Model

## Waterfall Model: -

- The waterfall model represents a sequential and linear process of software development. It flows through the phases of conception, initiation, analysis, design, Construction, testing and maintenance.



## ① Requirement analysis: -

- In software engineering, requirements analysis encompasses those tasks that go into determining the needs or conditions to meet for a new or altered product or project, taking account of the possibly conflicting requirements of the various stakeholders, analyzing, documenting, validating and managing software or system requirements.
- Requirements analysis is critical to the success or failure of a systems or software project. The requirements should be documented, actionable, measurable, testable, traceable, related to identified business needs or opportunities, and defined to a level of detail sufficient for system design.

## ② Design: -

- Software design is the process by which an agent creates a specification of a software artifact, intended to accomplish goals, using a set of primitive components and subject to constraints. Software design may refer to either all the activity involved in conceptualizing, framing, implementing, commissioning, and ultimately modifying complex systems the activity following requirements specification and or before programming, as a stylized software engineering process.
- Software design usually involves problem solving and planning a software solution. This includes both a low-level component and algorithm design and a high-level, architecture design.

### ③ Coding: -

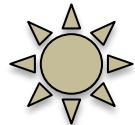
- Coding is a process that leads from an original formulation of a computing problem to executable computer programs. Programming involves activities such as analysis, developing understanding, generating algorithms, verification of requirements of algorithms including their correctness and resources consumption, and implementation of algorithms in a target programming. Source code is written in one or more programming languages. The purpose of programming is to find a sequence of instructions that will automate performing a specific task or solving a given problem.
- The process of programming thus often requires expertise in many different subjects, including knowledge of the application domain, specialized algorithms, and formal logic. Related tasks include testing, debugging, and maintaining the source code, Implementation of the build system, and management of derived artifacts such as machine code of computer programs.
- These might be considered part of the programming process, but often the term software development is used for this larger process with the term programming, implementation, or coding reserved for the actual writing of source code. Software engineering combines engineering techniques with software development practices.

#### **④ Testing:** -

- Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test. Software testing can also provide an objective, independent view of the software to allow the business to appreciate and understand the risks of software implementation. Test techniques include the process of executing a program or application with the intent of finding software bugs, and verifying that the software product is fit for use. Software testing involves the execution of a software component or system component to evaluate one or more properties of interest. In general, these properties indicate the extent to which the component or system under test.

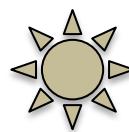
#### **⑤ Maintenance:** -

- A role in IT, computer operators overview the running of computer systems, ensuring that the machines and computers are running properly. The former role of a computer operator was to work with mainframe computers which required a great deal of management day-to-day, however nowadays they often work with a variety of different systems and applications. The computer operator normally works in a server room or a data center, but can also work remotely so that they can operate systems across multiple sites.



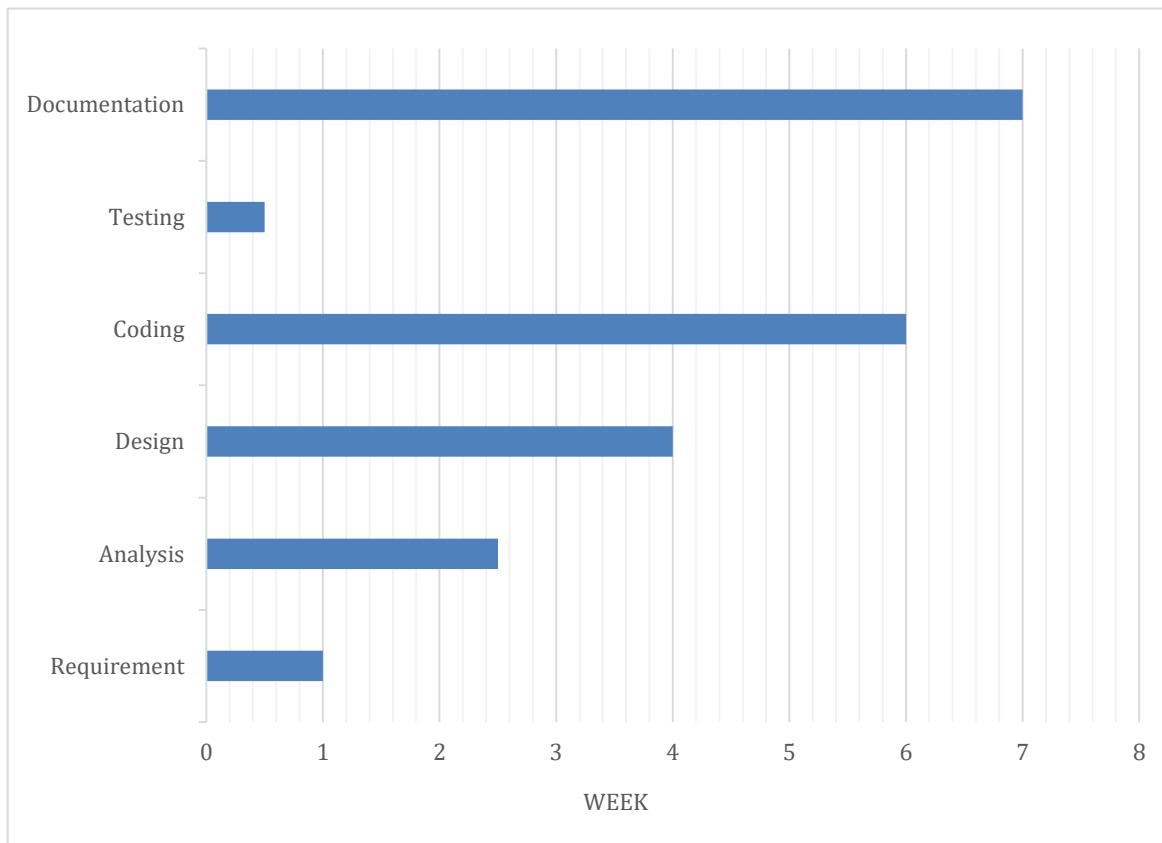
# Risk Analysis

- **Inaccurate or Outdated Information:** One of the risks of documentation is that the information provided may be inaccurate or become outdated over time as Bookly evolves. This can lead to confusion or incorrect usage of the platform, potentially resulting in user frustration or dissatisfaction.
- **Misinterpretation or Misunderstanding:** Users may misinterpret or misunderstand the instructions provided in the documentation, leading to improper usage or configuration of Bookly, which can result in unintended consequences or errors.
- **Technical Complexity:** Bookly may have complex features or functionalities that are challenging to explain or document comprehensively. Users may struggle to understand or follow complex technical instructions, leading to difficulties in using the platform effectively.
- **Language Barrier:** If the documentation is not available in the user's preferred language, it can pose a language barrier and hinder their understanding of the instructions, potentially leading to misusage or errors.
- **User Skill Level:** Users with varying levels of technical knowledge or familiarity with eBook platforms may have different levels of understanding or ability to follow the documentation. Users with limited technical skills may face difficulties in understanding or implementing the instructions provided.



# Project schedule

→ Timeline Chart: -



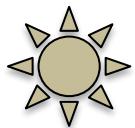
## 5. SYSTEM ANALYSIS



# Detailed SRS

MODULE	FUNCTIONALITY	DESCRIPTION
<b>ADMIN</b>	Registration	Admin can Register to the system.
	Login	Admin can Login to the system.
	Books	Admin can Add Book, Block or Unblock Books, etc.
	Category	Admin can Add, Edit, Remove Any Categories.
	User	Admin can Block User, Edit User Details and Remove User.
	Author	Admin can Block Author, Edit Details Author and Remove Author.
	Message	Admin can Read Feedback and Messages.
<b>Author</b>	Registration	Author can Register to the system.
	Login	Author can Login to the system.
	Books	Author can Add Book, Block or Unblock Books, etc.
	Category	Author can Add, Edit, Remove Any Categories.
	Forgot Password	Author can change password.

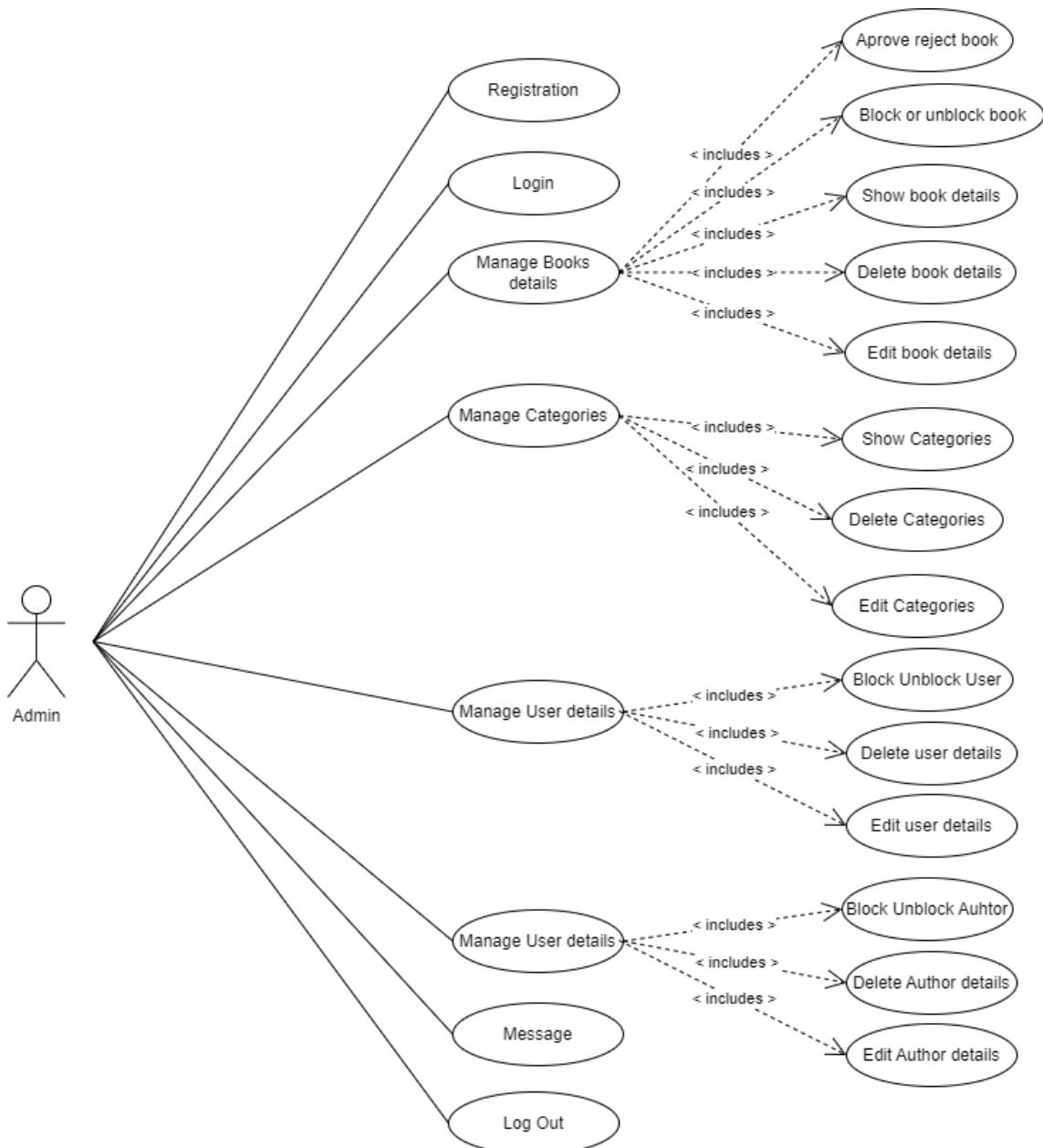
<b>USER</b>	Registration	User can Register to the system.
	Login	User can login to system.
	Book	User can view books event.
	Event Detail	User can read and Download Book.
	Feedback	User can give Review & Rating.
	Forgot Password	Client can change password.



# Use Case Diagram



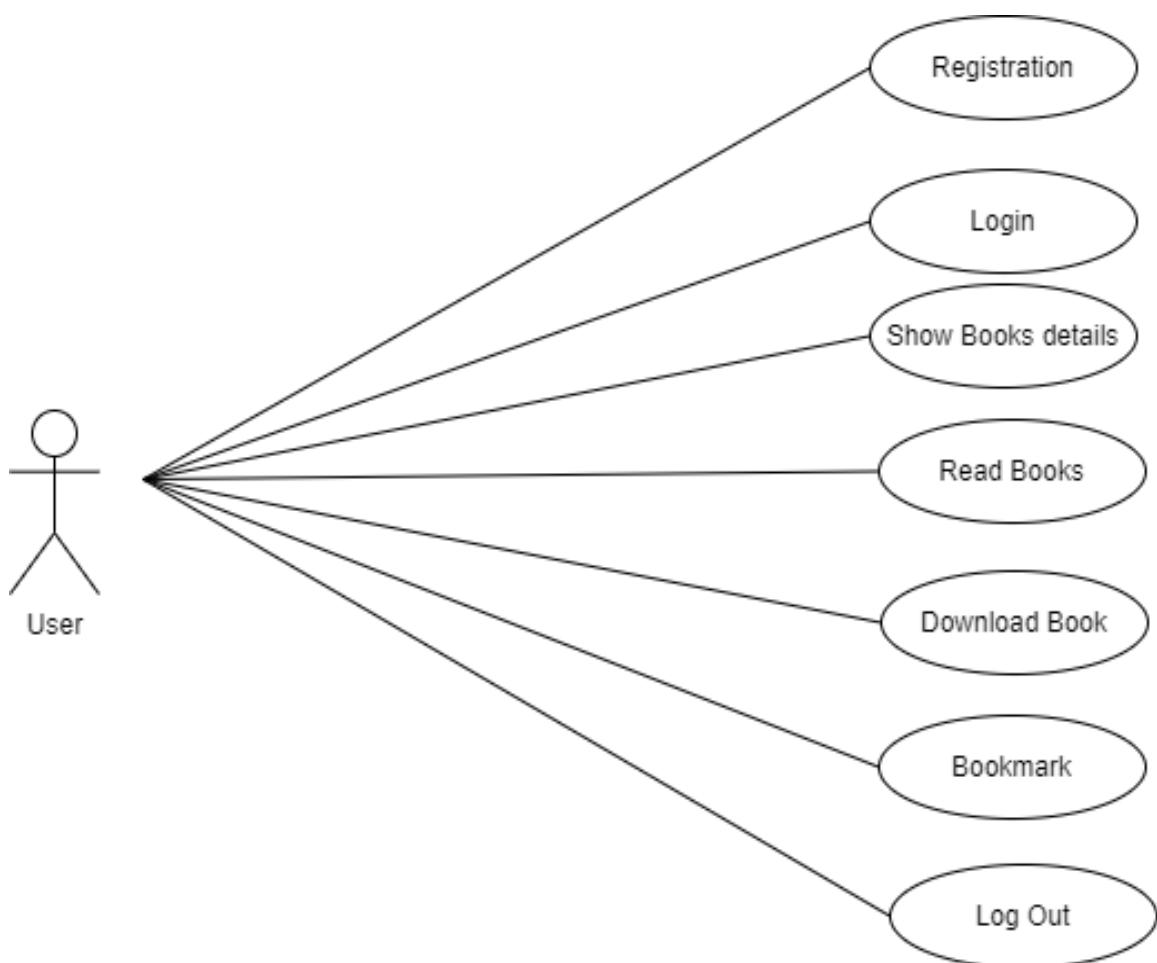
Admin: -

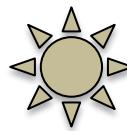


## → Author:-

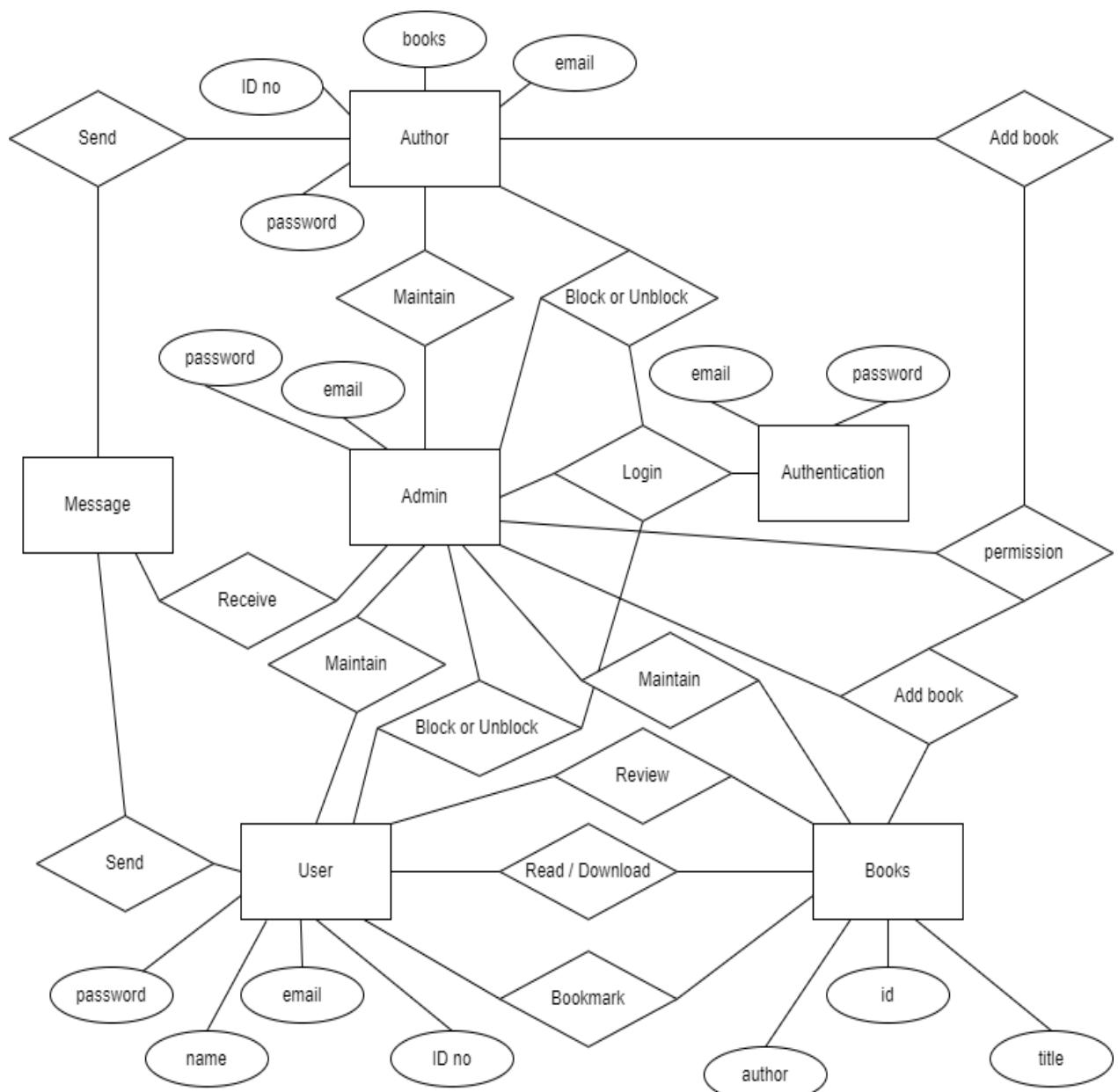


## → User :-



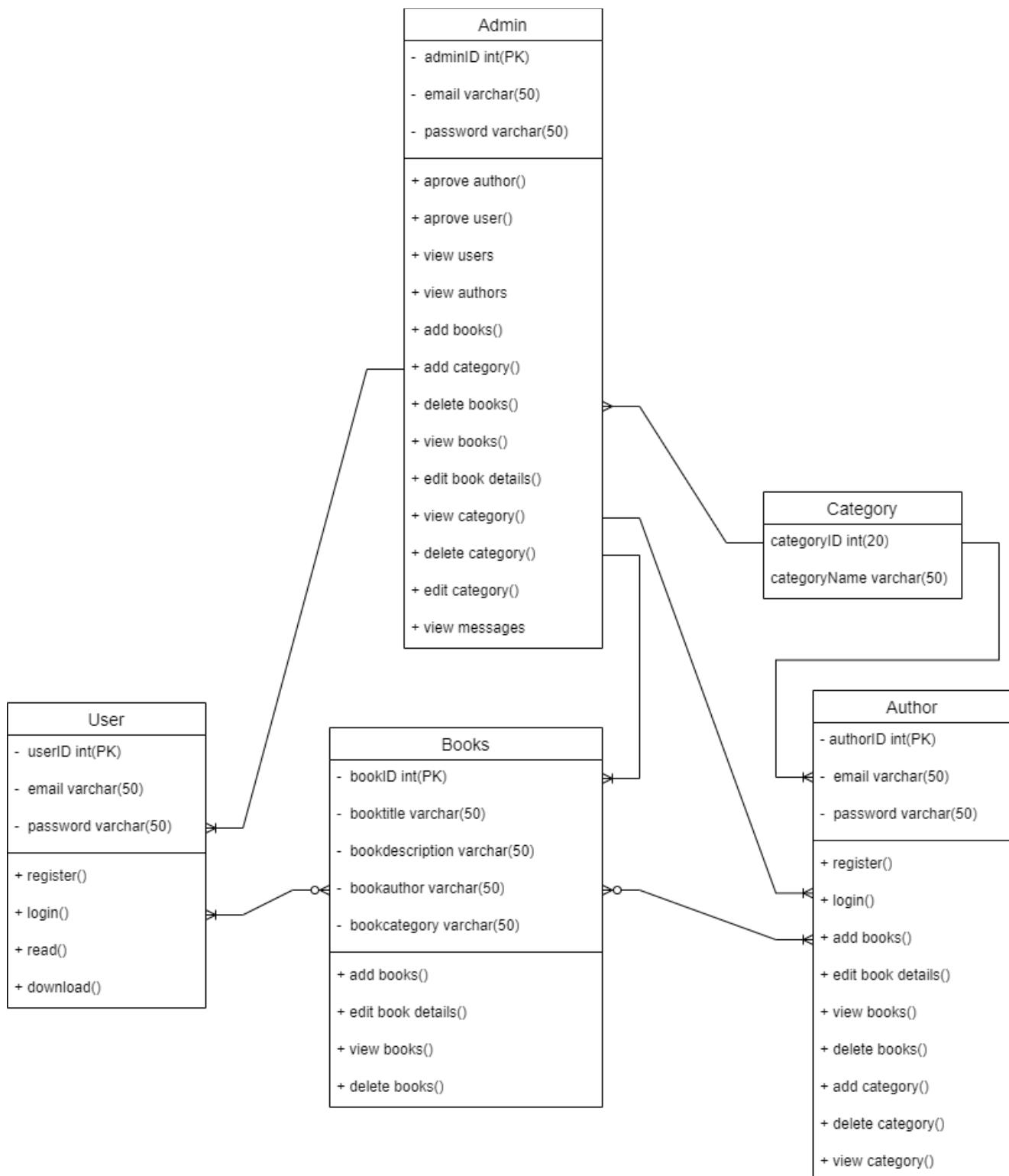


# ER Diagram





# Class Diagram



## 6. SYSTEM DESIGN



# Database Design

## → Table :- users

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>id</b>	int(100)		No	<i>None</i>		AUTO_INCREMENT	Change  Drop  More	
2	<b>name</b>	varchar(100)	utf8mb4_general_ci	No	<i>None</i>			Change  Drop  More	
3	<b>email</b>	varchar(100)	utf8mb4_general_ci	No	<i>None</i>			Change  Drop  More	
4	<b>password</b>	varchar(100)	utf8mb4_general_ci	No	<i>None</i>			Change  Drop  More	
5	<b>user_type</b>	varchar(20)	utf8mb4_general_ci	No	user			Change  Drop  More	
6	<b>status</b>	int(20)		No	<i>None</i>			Change  Drop  More	

## → Table :- bookmark

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>id</b>	int(100)		No	<i>None</i>		AUTO_INCREMENT	Change  Drop  More	
2	<b>user_id</b>	int(100)		No	<i>None</i>			Change  Drop  More	
3	<b>name</b>	varchar(100)	utf8mb4_general_ci	No	<i>None</i>			Change  Drop  More	
4	<b>price</b>	int(100)		No	<i>None</i>			Change  Drop  More	
5	<b>image</b>	varchar(100)	utf8mb4_general_ci	No	<i>None</i>			Change  Drop  More	
6	<b>pid</b>	int(11)		No	<i>None</i>			Change  Drop  More	

## → Table :- books

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>id</b> 🛡	int(11)			No	<i>None</i>		AUTO_INCREMENT	Change  Drop  More
2	<b>title</b>	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
3	<b>author</b>	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
4	<b>author_id</b>	int(15)			No	<i>None</i>			Change  Drop  More
5	<b>description</b>	varchar(600)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
6	<b>publisher</b>	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
7	<b>isbn</b>	int(30)			No	<i>None</i>			Change  Drop  More
8	<b>category_id</b>	int(11)			No	<i>None</i>			Change  Drop  More
9	<b>cover</b>	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
10	<b>file</b>	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
11	<b>shows</b>	int(11)			No	<i>None</i>			Change  Drop  More
12	<b>status</b>	int(11)			No	<i>None</i>			Change  Drop  More
13	<b>views</b>	varchar(2000)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More

## → Table :- message

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>id</b> 🛡	int(100)			No	<i>None</i>		AUTO_INCREMENT	Change  Drop  More
2	<b>user_id</b>	int(100)			No	<i>None</i>			Change  Drop  More
3	<b>name</b>	varchar(100)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
4	<b>email</b>	varchar(100)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
5	<b>number</b>	varchar(12)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More
6	<b>message</b>	varchar(500)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop  More

## → Table :- code

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>id</b>	int(20)			No	<i>None</i>		AUTO_INCREMENT	Change  Drop More
2	<b>email</b>	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop More
3	<b>code</b>	int(10)			No	<i>None</i>			Change  Drop More
4	<b>expire</b>	date			No	<i>None</i>			Change  Drop More

## → Table :- category

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>id</b>	int(11)			No	<i>None</i>		AUTO_INCREMENT	Change  Drop More
2	<b>category</b>	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop More
3	<b>editor</b>	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change  Drop More

## → Table :- rate

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>id</b>	int(11)			No	<i>None</i>		AUTO_INCREMENT	Change  Drop More
2	<b>userName</b>	tinytext	latin1_swedish_ci		No	<i>None</i>			Change  Drop More
3	<b>userReview</b>	tinytext	latin1_swedish_ci		No	<i>None</i>			Change  Drop More
4	<b>userMessage</b>	longtext	latin1_swedish_ci		No	<i>None</i>			Change  Drop More
5	<b>dateReviewed</b>	tinytext	latin1_swedish_ci		No	<i>None</i>			Change  Drop More
6	<b>pid</b>	int(20)			No	<i>None</i>			Change  Drop More



# Interface Design



Home page

The Bookly homepage features a large, artistic background image of a landscape where a path is paved with books. A red umbrella stands on the path, and a deer is visible in the distance. The title "WELCOME TO BOOKLY" is prominently displayed in white at the top center. Below it, a brief welcome message reads: "Welcome to our ebook site! We are thrilled to have you here and offer you access to a vast collection of digital books that cover various genres and topics." A blue "Discover More" button is located below the message.

## CATEGORY



Mystery



Fiction

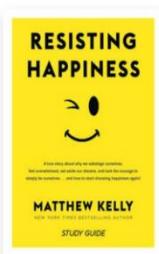


History



Travel

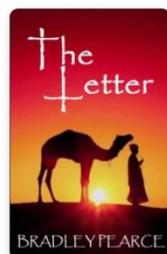
## MYSTERY



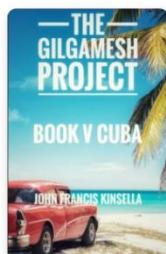
Realizee



Living in the Light



The Letter

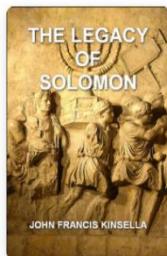


The Gilgamesh Project Book V Cuba

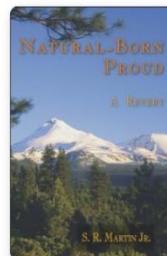
## TRAVEL



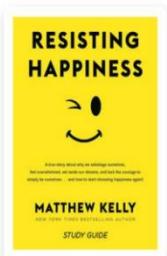
The Gilgamesh Project Book V Cuba



The Legacy of Solomon

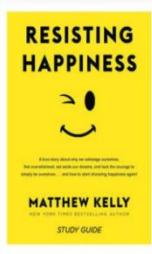


Natural Born Proud



Realizee

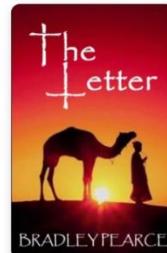
## LATEST BOOKS



Realizee



Living in the Light



The Letter



The Gilgamesh Project Book V Cuba

Footer

### QUICK LINKS

- [home](#)
- [about](#)
- [books](#)
- [contact](#)

### EXTRA LINKS

- [login](#)
- [register](#)
- [bookmark](#)

### CONTACT INFO

- [+91 7878582785](#)
- [+91 9737397497](#)
- [info.bookly1512@gmail.com](mailto:info.bookly1512@gmail.com)

### FOLLOW US

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- [linkedin](#)

## → Log in Page

**LOGIN NOW**

don't have an account? [register now](#)

## → Registration page - user

**REGISTER NOW**

already have an account? [login now](#)

## → Registration page - Author

**REGISTER NOW**






**Register Now**

already have an account? [login now](#)

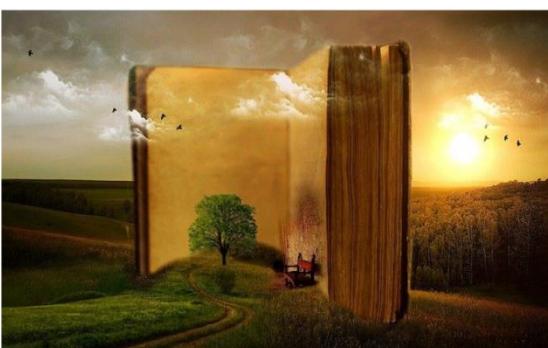
## → About us Page



**ABOUT US**

[home / about](#)





**ABOUT BOOKLY**

Bookly is an online platform that provides an extensive library of books in digital format for free to everyone around the world.

With Bookly you have access to all kinds of educational, motivational, and career books to keep you going in any area.

Over the years, we are still going strong in our mission to provide a valuable service to readers. Bookly has grown into a platform where self-published authors have the opportunity to introduce their work to our community.

If you have any questions or feedback, don't hesitate to contact our editor at [info.bookly1512@gmail.com](mailto:info.bookly1512@gmail.com)

**Contact Us**

## → Books Page



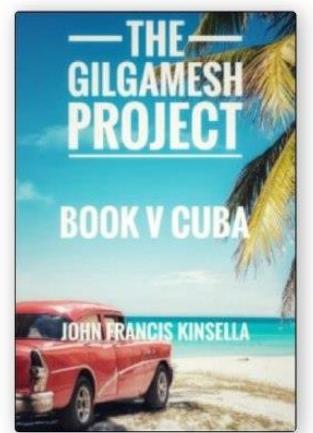
**OUR BOOKS**  
[home / books](#)



### LATEST BOOKS



## → Book Detail Page



**The Gilgamesh Project Book V Cuba**  
**Written By John Francis Kinsella**

Arkady Demitriev had been a young boy when the Soviet Union had been dissolved by Mikhail Gorbachev and had just enrolled as a student at Moscow State University when Vladimir Putin was elected president of the Russian Federation. Demitriev was far rem

**Format:** PDF  
**Pages:** 207  
**Category:** Action & Adventure  
**ISBN:** 2147483647  
**Publisher:** Banksterbooks  
**Views:**

[Read](#) [Download](#) [Bookmark](#)

## → Search Page



**SEARCH PAGE**

[home / search](#)

**RESISTING HAPPINESS**  
MATTHEW KELLY

**LIVING IN THE LIGHT**  
SHAKTI GAWAIN

**The Letter**  
BRADLEY PEARCE



## → Contact Page



**CONTACT US**

[home / contact](#)

**SAY SOMETHING!**



## → Bookmark Page

The screenshot shows a website for "BOOKLY'S BOOKMARKS". On the left, there's an illustration of a woman lying down, reading a book. To her right, the website's header "BOOKLY'S BOOKMARKS" is displayed in bold black letters, with "home / bookmark" below it. To the right of the header, several book covers are visible, including "Midnight Library" by Matt Haig and "The Tounie" by Stacey Hart. In the center foreground, a book cover for "RESISTING HAPPINESS" by Matthew Kelly is overlaid on the page. The book cover is yellow with a smiley face and the title in large capital letters. Below the book cover, the word "Realizee" is visible.



## Admin panel - Dashboard

**Admin Panel**

- Dashboard
- Books
- Category
- Users
- Messages

**Dashboard**

Books

7

Users

3

Author

1

Category

22

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## Admin panel - Books

**Admin Panel**

- Dashboard
- Books
- Category
- Users
- Messages

**Books**

No.	Cover	Title	Description	Author	Publisher	ISBN	Category	Action	Shows	Status
1		RESISTING HAPPINESS MATTHEW KELLY	Realizee Lorem ipsum dolor, sit amet consectetur adipisicing elit. Impedit in consequatur reprehenderit harum sequi laudantium alias voluptatum, nobis ab ad aliquam quos tempora ex reiciendis.	author	Akash Publication	2147483647	Action & Adventure			<input checked="" type="checkbox"/> Approved
2		LIVING in the Light SHAKTI GAWAIN	Living in the Light: A guide to personal transformation	author	Akash Publication	2147483647	Action & Adventure			<input checked="" type="checkbox"/> Approved

## → Admin panel - Add Book

The screenshot shows the Admin panel interface. On the left, a sidebar menu includes 'Dashboard', 'Books' (selected), 'Category', 'Users', and 'Messages'. The main area displays a list of books under the heading 'Books'. One book is selected, showing its cover ('RESISTING HAPPINESS' by Matthew Kelly) and details ('Publisher: Akash Publication', 'ISBN: 2147483647', 'Category: Action & Adventure'). A modal window titled 'Add Book' is open, containing fields for 'Title' (Realizee), 'Description' (decription), 'Author', 'Publisher', 'ISBN number', 'Category' (Select Category dropdown), 'Book Cover' (Choose file: No file chosen), and 'Book File' (Choose file: No file chosen). A blue 'Add book' button is at the bottom. The top right of the screen shows 'Hi, admin' and 'Log out'.

## → Admin panel - Edit Book

The screenshot shows the Admin panel interface. The sidebar menu is identical to the previous screenshot. The main area is titled 'Books' and shows a single book entry for 'Realizee'. The book details are: Title (Realizee), Description (Lorem ipsum dolor, sit amet consectetur adipisicing elit. Impedit in consequatur reprehenderit harum sequi laudantium alias voluptatum, nobis ab ad aliquam quos tempora ex reiciendis.), Author (author), Publisher (Akash Publication), ISBN number (2147483647), Category (Action & Adventure), Book Cover (Choose file: aa.jpg), and Book File (Choose file: Resisting Happiness.pdf). A dropdown menu for 'Approved' is open, showing 'Approved' and 'Not Approved'. A blue 'Save Changes' button is at the bottom.

## → Admin panel - Category

The screenshot shows the Admin panel - Category page. On the left is a dark sidebar with 'Admin Panel' and links for Dashboard, Books, Category (which is selected), Users, and Messages. The main area has a header 'Category' with a 'Add Category' button, a 'Show 10 entries' dropdown, and a search bar. A table lists categories with columns for No., Category Name, Editor, and Action. Each row contains edit and delete icons.

No.	Category Name	Editor	Action
1	Action & Adventure	author	[Edit] [Delete]
2	Fiction	admin	[Edit] [Delete]
3	Non-Fiction	admin	[Edit] [Delete]
4	Mystery	admin	[Edit] [Delete]
5	Romance	admin	[Edit] [Delete]
6	Biography	admin	[Edit] [Delete]
7	Science	admin	[Edit] [Delete]
8	Fantasy	admin	[Edit] [Delete]
9	History	admin	[Edit] [Delete]

## → Admin panel - Add Category

The screenshot shows the Admin panel - Add Category modal. It has fields for 'No.' (1 and 2), 'Category' (Mystic), and an 'Add Category' button. The background shows the Admin panel - Category page with a list of categories and a search bar.

## → Admin panel - Edit Category

**Author Panel**

- Dashboard
- Books
- Category**

**Update Category**

Category

Action & Adventure

Update

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## → Admin panel - Users

**Admin Panel**

- Dashboard
- Books
- Category
- Users**
- User
- Authors
- Messages

**Users**

Show 10 entries

No.	Name	email	Password	Role	status	Action
1	Fulton Lancaster	muzy@mailinator.com	user	user	<input checked="" type="checkbox"/>	
2	dharmesh	sojije4913@cmeinbox.com	user	user	<input checked="" type="checkbox"/>	
3	Marcia Castro	caxuzeji@mailinator.com	user	user	<input checked="" type="checkbox"/>	

Showing 1 to 3 of 3 entries

Previous 1 Next

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## Admin panel - Edit user

**Admin Panel**

- Dashboard
- Books
- Category
- Users**
- Messages

**Update User**

Name  
Fulton Lancaster

Email address  
muzy@mailinator.com

Password  
\*\*\*\*

Password  
\*\*\*\*

Role  
user

**Update**

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## Admin panel - Authors

**Admin Panel**

- Dashboard
- Books
- Category
- Users
- Authors**
- Messages

**Authors**

No.	Name	email	Password	Role	status	Action
1	author	author@gmail.com	author	author	<input checked="" type="checkbox"/>	

Show 10 entries Search:

No.	Name	email	Password	status	status	Action
-----	------	-------	----------	--------	--------	--------

Showing 1 to 1 of 1 entries

Previous **1** Next

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## Admin panel - Edit Author

**Admin Panel**

- Dashboard
- Books
- Category
- Users
- Authors
- Messages

**Update author**

Name: author

Email address: author@gmail.com

Password:

Role: author

**Update**

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## Admin panel - Message

**Admin Panel**

- Dashboard
- Books
- Category
- Users
- Messages

**Messages**

Show 10 entries Search:

No.	Name	Email	Number	Messages	Action
1	Emerson Tran	gyxymi@mailinator.com	1234567890	Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolores, vitae pariatur ipsum repellat quos, eveniet vero voluptas tempore ipsa saepe, placeat excepturi sapiente atque molestias!	
2	Kelsey Jacobs	mesygu@mailinator.com	1234567890	Est pjkjklksjksd ushdjdshas jdjg gs	

No. Name Email Number Messages Action

Showing 1 to 2 of 2 entries Previous 1 Next

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## Author panel - Dashboard

Author Panel

- Dashboard
- Books
- Add Category

Hii , author [Log out](#)

### Dashboard

Books	Category
3	2

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## Author panel - Books

Author Panel

- Dashboard
- Books
- Category

Hii , author [Log out](#)

### Books

No.	Cover	Title	Description	Author	Publisher	ISBN	Category	Action	Requests
1		RESISTING HAPPINESS MATTHEW KELLY	Lorem ipsum dolor, sit amet consectetur adipisicing elit. Impedit in consequatur reprehenderit harum sequi laudantium alias voluptatum, nobis ab ad aliquam quos tempora ex reiciendis.	Realizee	Aakash Publication	2147483647	Action & Adventure		Approved
		SHAKTI GAWAIN							

## → Author panel - Add Book

The screenshot shows the 'Author panel' interface. On the left is a sidebar with 'Author Panel' at the top, followed by 'Dashboard', 'Books', and 'Category'. The main area has a title 'Books' and a sub-section 'Books'. Inside this section, there's a button 'Add Book' and a table listing two books: 'RESISTING HAPPINESS' by Matthew Kelly and 'LIVING IN LIGHT' by Eckhart Tolle. The table columns include 'author', 'Publisher', 'ISBN number', 'Category', 'Action', and 'Requests'. A modal window titled 'Add Book' is open in the center, containing fields for 'Title' (with placeholder 'Realize'), 'Description' (placeholder 'description'), 'Author' (placeholder 'author'), 'Publisher' (placeholder), 'ISBN number' (placeholder), 'Category' (dropdown menu 'Select Category'), 'Book Cover' (button 'Choose file' and placeholder 'No file chosen'), and 'Book File' (button 'Choose file' and placeholder 'No file chosen'). At the bottom of the modal is a blue 'Add book' button.

## → Author panel - Edit Book

The screenshot shows the 'Author panel' interface. The sidebar includes 'Author Panel', 'Dashboard', 'Books', and 'Category'. The main area displays a 'Books' section with a table. One row in the table corresponds to the book 'RESISTING HAPPINESS' by Matthew Kelly. The table columns are 'Title', 'Description', 'Author', 'Publisher', 'ISBN number', 'Category', 'Action', and 'Requests'. The 'Title' field in the table is 'RESISTING HAPPINESS'. Below the table, a modal window titled 'Books' is open, showing the details for 'RESISTING HAPPINESS'. The modal fields are identical to the 'Add Book' form: 'Title' (placeholder 'Realize'), 'Description' (placeholder 'Lorem ipsum dolor, sit amet consectetur adipisicing elit. Impedit in consequatur reprehenderit harum sequi laudantium alias voluptatum, nobis ab ad aliquam quos tempora ex reiciendis.'), 'Author' (placeholder 'author'), 'Publisher' (placeholder 'Akash Publication'), 'ISBN number' (placeholder '2147483647'), 'Category' (dropdown menu 'Action & Adventure'), 'Book Cover' (button 'Choose file' and placeholder 'aa.jpg'), and 'Book File' (button 'Choose file' and placeholder 'Resisting Happiness.pdf'). At the bottom of the modal is a blue 'Save Changes' button.



## Author panel - Category

**Author Panel**

Hii, author [Log out](#)

### Category

[Add Category](#)

Show 10 entries Search:

No.	Category Name	Action
1	Action & Adventure	
2	Novel	

Showing 1 to 2 of 2 entries Previous 1 Next

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## Author panel - Add Category

**Author Panel**

Hii, author [Log out](#)

### Category

[Add Category](#)

Show 10 entries Search:

No.	Action
1	
2	

Add Category X

Category

[Add Category](#)

Showing 1 to 2 of 2 entries Previous 1 Next

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## Author panel - Edit Category

The screenshot shows the 'Author panel - Edit Category' interface. On the left, a dark sidebar titled 'Author Panel' contains three items: 'Dashboard', 'Books', and 'Category'. The 'Category' item is highlighted with a blue border. The main content area has a light grey background. At the top right, there is a user greeting 'Hii, admin' and a 'Log out' button. Below the greeting is a horizontal menu icon consisting of three horizontal lines. The central part of the screen features the heading 'Update Category' in bold black text. Underneath it is a form field labeled 'Category' containing the text 'Action & Adventure'. At the bottom of the form is a blue rectangular button with the word 'Update' in white. In the bottom left corner of the main content area, there is a small copyright notice: '© 2023 Bookly'.

## 7. TESTING



## Unit Testing

As per as unit testing is concerned I did it at the time of the coding in an informal but extensive way, so as to reduce number of problems arising out of incorrect variable, function names etc. care was taken to check for any infinite loop that exists in code before executing the code. each module was tested whether they cover the functionalities specified by the client or not? the functionalities were performed for valid data or not? for invalid data proper messages were displayed or not? etc.



## Integration Testing

Unit testing tests a unit of code (module or program) after coding of that unit is completed. Integration testing tests whether the various programs that make up a system, interface with each other as desired, fit together and whether the interfaces between the programs are correct. System testing ensures that the system meets its stated design specifications. Acceptance testing is testing by the users to ascertain whether the system developed is correct implementations of the Software Requirements Specifications.

## → Test case Design: -

### ➤ Testing of Login: -

No	Description	Inputted values		Expect Result	Actual Result	Pass/ Fail
		User email	Password			
1.	Check for Login Validation	Admin / Author / User	password	Redirect to Dashboard or home page	Redirect to Dashboard or home page	Pass
2.	Check for Login Validation	Admin / Author / User		Error Please Enter Field	Error Please Enter Field	Pass
3.	Check for Login Validation	Null	Null	Error Please Enter Field	Error Please Enter Field	Pass

### ➤ Testing of Forgot Password: -

No	Description	Inputted values		Expect Result	Actual Result	Pass / Fail
		Email	Password			
1.	Check for Login Validation	john@gmail.com	password@1324	Redirect to Dashboard or home page	Redirect to Dashboard or home page	Pass
2.	Check for Login Validation	john@gmail.com		Error Please Enter Field	Error Please Enter Field	Pass
3.	Check for Login Validation	Null	Null	Error Please Enter Field	Error Please Enter Field	Pass

➤ **Testing of Registration: -**

No	Description	Inputted values	Expected Result	Actual Result	Pass/Fail
1.	Check Interface link between login and registration	Enter Registration detail and click register	Redirect to login page	Redirect to login page	Pass
2.	Check Registration	Click On register button without filling form	Enter Required value	Please Enter Required values	Pass

➤ **Testing of Change Password: -**

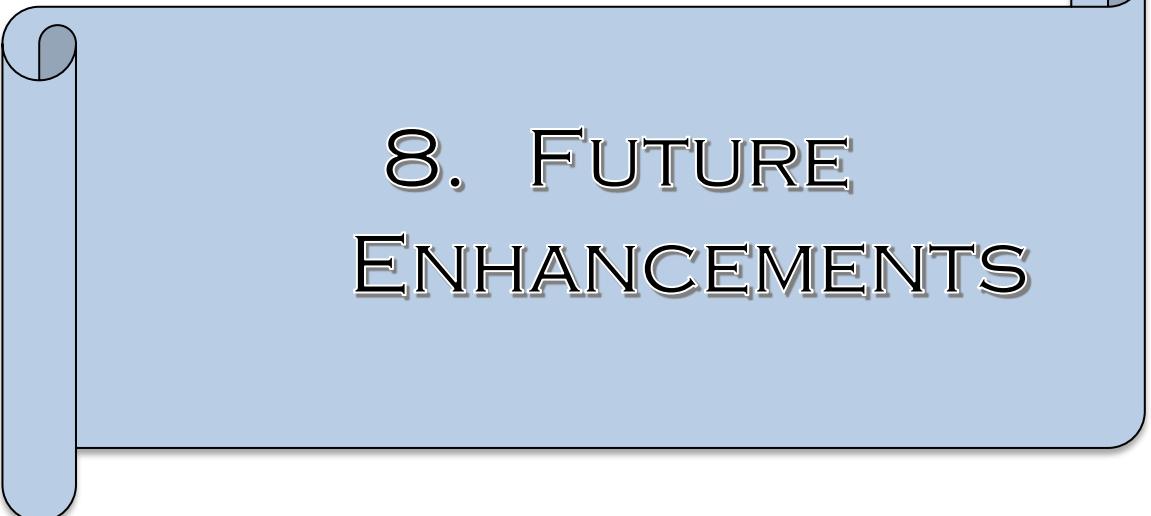
No	Description	Inputted values			Expect Result	Actual Result	Pass Fail
		Old Password	New Password	Confirm Password			
1	Check Change Password Validation	Admin@123	Admin	Admin	Redirect to login page	Redirect to login page	Pass
2	Check Change Password Validation	Admin@123	Admin		Enter Required value	Please Enter Required value	Pass
3	Check Change Password Validation	Null	Null	Null	Error Please Enter Field	Error Please Enter Field	Pass

 ➤ Testing issue: -**① Black box testing: -**

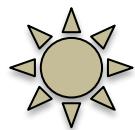
- Black box testing takes an external perspective of the test object to derive test cases. These tests can be functional or non-functional, though usually functional.
- The test designer selects valid and invalid input & output.
- This method of test design is applicable to all levels of software testing: unit, integration, functional testing, system and acceptance.
- The higher the level & hence the bigger and more complex the box, the more one is forced to use black box testing to simplify.

**② White box Testing: -**

- White box testing strategy deals with the internal logic and structure of the code.
- White box testing is also called as glass, structural, open box or clear box testing.
- The tests written based on the white box testing strategy incorporate coverage of the code written, branches paths, statements and internal logic of the code etc.



## 8. FUTURE ENHANCEMENTS



## Future enhancement

- Mobile Optimization
- More Search and auto registration features
- Add Audio books
- Personalizaition features
- Community features
- Multilingual support

## 9. REFERENCE



# Reference

- [www.getbootstrap.com](http://www.getbootstrap.com)
- [www.php.net](http://www.php.net)
- [www.w3schools.com](http://www.w3schools.com)
- [www.stackoverflow.com](http://www.stackoverflow.com)
- [www.openai.com](http://www.openai.com)
- [www.sitepoint.com](http://www.sitepoint.com)
- [www.youtube.com](http://www.youtube.com)