

Shree Saurashtra College of MGT. & Computer Science
(College Code : 73001)

Opp. Bhoomi Ginning, Atkot - Jasdan Highway, Atkot - 360040

Certificate

This is to certify that Mr.
Rahul Bhutaiya
And
Bhautik Gajera
has satisfactorily completed their
academic Project work on
27/09/2022

**as a part of the BCA Semester -5 Project
work prescribed by the Saurashtra
University for the academic
year 2022-23.**

Project ID	:- 38
Exam Seat No.	:- _____ & _____
Class	:- BCA Sem - 5
Enrollment No.	:- 003203202896 & 003203202920

BOOK KEEPER

LEARNING IS A LIFE LONG PROCESS...!

ONLINE LEARNING
PLATFORM

PREPARED BY
Rahul Bhutaiya
Bhautik Gajera



Shree Saurashtra College of Management and Computer Science - Atkot

A Project Report OF **Book Keeper**



Academic Year
2022

PRESENTED BY
Rahul Bhutaiya
&
Bhautik Gajera

Under the Guidance of
Respected Bharatsir

Submitted To



Department of Computer Science
Shree Saurashtra University, Rajkot.



ACKNOWLEDGEMENT

Dear Sir,

We would like to express our special thanks of gratitude to our teacher "**Mr.Bharat Sir**", Who gave us the suggestions on this mind-blowing project of "**Book Keeper**", Who also helped us in completing our project. We came to know about so many new things We are really thankful to them.

Secondly we would also like to thank our **parents** and **friends** who helped us a lot in finalizing this project within the limited time frame.

Your Students

Rahul Bhutaiya & Bhautik Gajera
[BCA SEM-5]



ABSTRACT

This Project Report is the final setup towards the completion of software development project undertaken as a partial requirement for VI semester of Bachelor of Computer Application (B.C.A) at SAURASHTRA UNIVERSITY.

This Report Contains a brief description about the project, its backend process, screens, coding, testing, validation, criteria, data-structure and system engineering requirement of the project are included. It also contains a small introduction of technology used to develop all this stuff.

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Introducing Project Profile

Project Name	Book Keeper
Project Type	WebSite
Front End	HTML,CSS,JS,ASP.NET
Back End	SQL Server 2008
Documentation Tool	Canva
Submitted To	Department of Computer Science Shree Saurashtra University, Rajkot.
Developed By	Bhautik Gajera & Rahul Bhutaiya
Internal Guide	Respected Bharatsir
Project Duration	2 Months



System Environment

Hardware Used

CPU	Intel(R) Core(TM) i5-5300U CPU @ 2.30GHz 2.29 GHz
Hard Disk	512 GB SSD
RAM	8 GB

Software Used

Operating System	Microsoft Windows 10
Microsoft Visual Studio 2022	Complete Coding Work Did Here
SQL Server Management Studio	For Database Workings



What is Book Keeper...?

Book Keeper is Our The Best Product, Developed During Our Graduation.

Main Aspects of Book Keeper...!

- **Simple But, Best User Interface**
- **Great User Experience**
- **All Kind of Books Available For User**
 - Motivational
 - News
 - Information & Technology
 - Gaming
 - Life-Style
 - Story-Books[Specially For Childrens]
 - Devotional
 - Education
- **Subscription Available - For Paid Books**
- **Usefull Content For All Kind Of Age Groups**
- **Free Books Are Also Available**
- **User Can Read Books in PDF Format**
- **User Can Download Book [In PDF Format]**



Why The Project Book Keeper

The Idea Behind Book Keeper Is ...

- **We Named Book Keeper, Why...?**

- Book Keeper is a Symbol like, Anyone Who Keeps The Books In His Shop.

- **In Todays Era, Peoples Loves To Work Online.**

Such as

- Online Shoping
 - Online Food Ordering
 - Online Transportation
 - Online Banking

- Thinking That Nowadays People Don't Have To Go To The Libraries To Get Books, We Have Come Up With This Idea To Provide E-Books To People.

- **Here, Books Are Available For....**

- Youngsters
 - Childrens
 - Adults
 - Womens
 - Senior Citizen

- **Books Are Our Best Friends...**



Functionalities of Book Keeper

- **What an Admin Can Do...?**

- Can Publish Variety of Free & Paid Books By "[Add Books](#)".
- Can Categorize Books By "[Add Category](#)".
- Can [Delete](#) Free & Paid Books.
- Can See The Data of Registered Users.
- Can See The Data of Subscribed Users.
- Can See The Data of The Users Who Want To Contact Admin.

- **What a User Can Do...?**

- **First User Lands in Our Landing Page Where He/She Can...!**
 - Can Get Basic Information of Our Site
 - Can Read User Reviews Also.
- **Now, First User Must Register Him/Her Self.**
- **After Registering, User Will Visit Login Page.**
- **After Logging In User Can...!**
 - Can Get Free Books.
 - Can Get Subscription For Paid Books
 - If Any Issue, Then Can Contact Admin
 - Click "**Logout**" To ReVisit The Landing Page



System Requirement

- **Hardware**

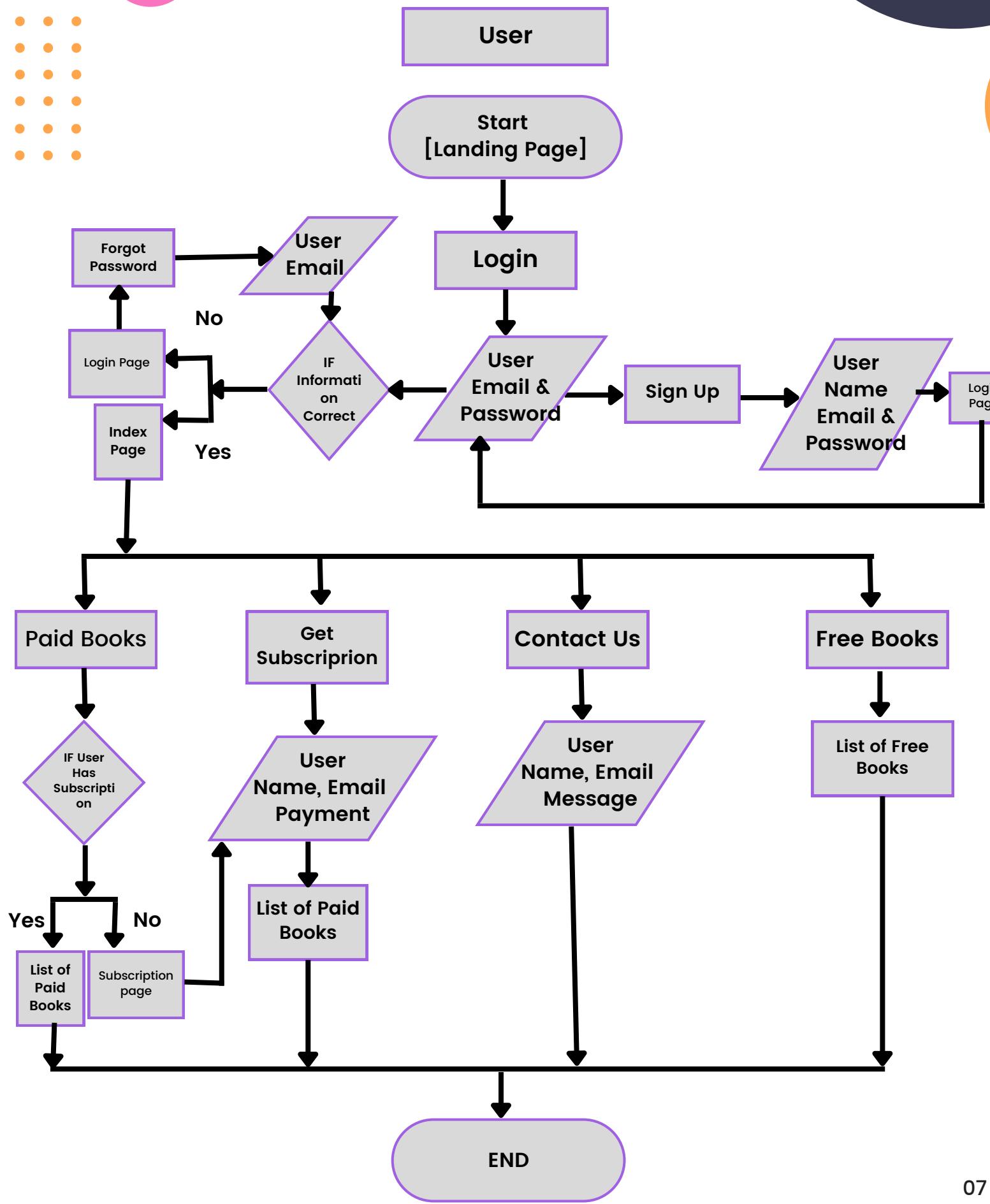
CPU	Minimum I3 Intel Or Ryzen 3
CPU Generation	Latest Suggested
RAM	Minimum 4 GB
STORAGE	Minimum 512 GB Hard Disk or 256 GB SSD

- **Software**

Operating System	Windows 8.1 Pro, Windows 10, Windows 11
Supported Browsers	Google Chrome, Micro. Edge

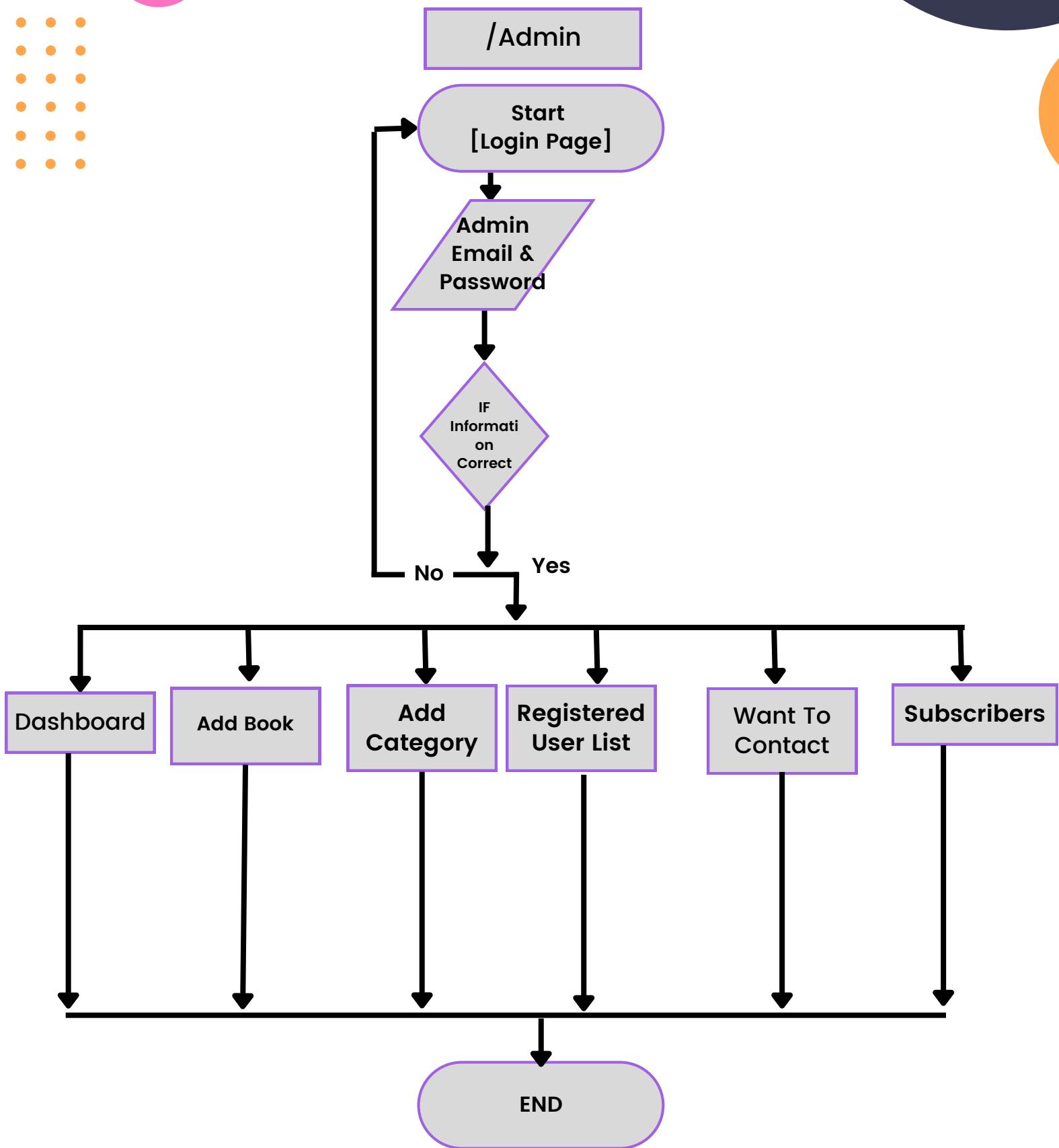


Flow Chart – User Side



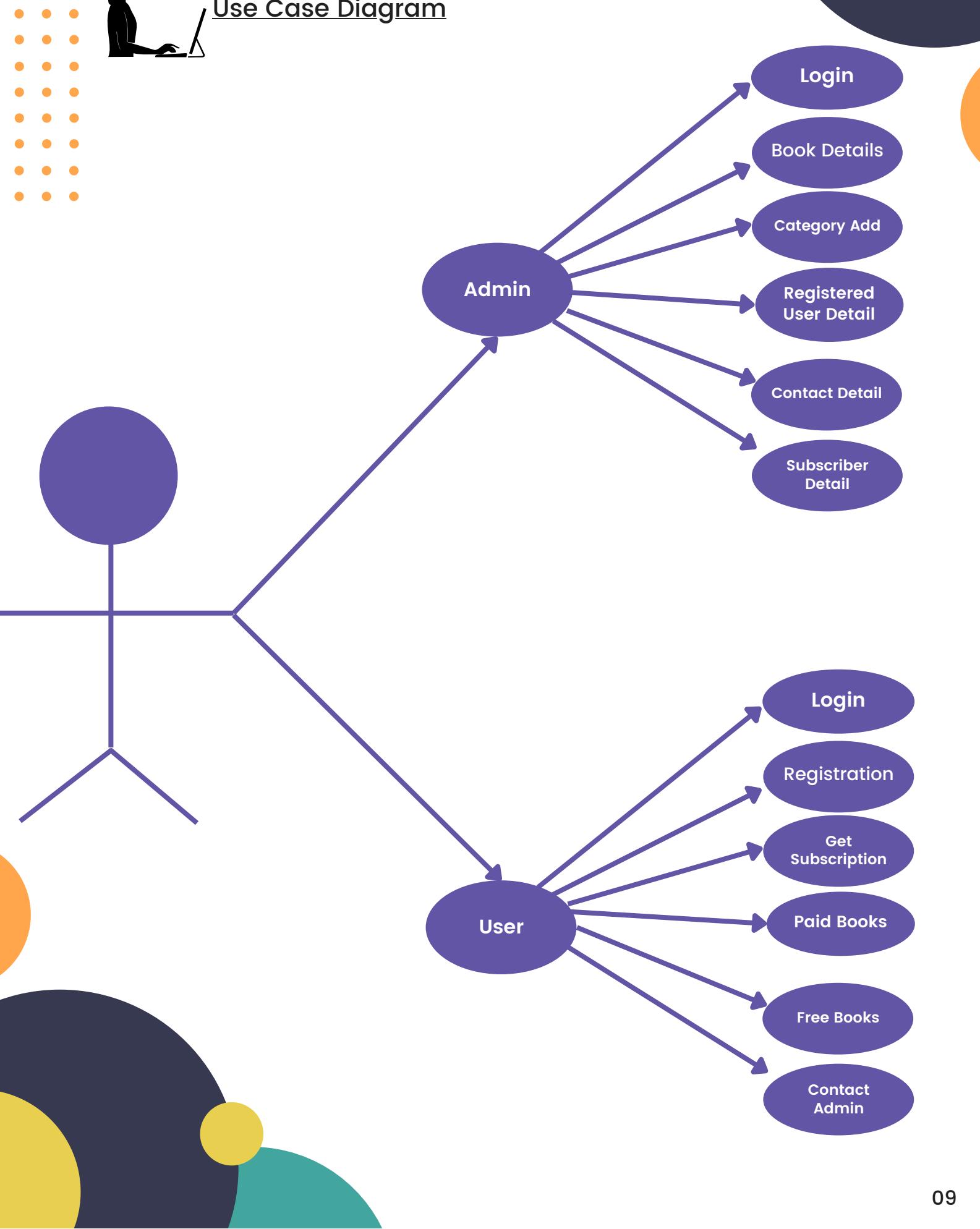


Flow Chart - Admin Side





Use Case Diagram





Time Line Chart

Development Phase	50 Days						Duration (Day)
	0 to 5 Day	6 to 10 Day	11 to 20 Day	21 to 30 Day	31 to 40 Day	41 to 50 Day	
Requirement Gathering and Analysis							10
Design							10
Coding							20
Testing						5	5
Implementation & Documentation						5	5
Total Time (Day)							50



Database Design

Various Tables in "user" Database

- User Login Information Table [user_db]

SR.NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS
1	id	int	10	Primary Key
2	fname	nvarchar(max)	max	
3	lname	nvarchar(max)	max	
4	email	nvarchar(max)	max	
5	password	nvarchar(max)	max	



Database Design

- Admin Login Information Table [admin_login]

SR.NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS
1	id	int	10	Primary Key
2	name	nvarchar(max)	max	
3	email	nvarchar(max)	max	
4	password	nvarchar(max)	max	

- Subscriber Information Table [subscribers]

SR.NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS
1	id	int	10	Primary Key
2	first_name	nvarchar(50)	50	
3	last_name	nvarchar(50)	50	
4	email	nvarchar(50)	50	



Database Design

- Book Information Table [book_data]

SR.NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS
1	id	int	10	Primary Key
2	title	nvarchar(50)	50	
3	category	nvarchar(50)	50	
4	author	nvarchar(50)	50	
5	date	nvarchar(50)	50	
6	first_image	nvarchar(50)	50	
7	book_name	nvarchar(50)	50	
8	book_type	nvarchar(50)	50	
9	number_pages	int	10	
10	description	nvarchar(50)	50	
11	sell_for	nvarchar(50)	50	



Database Design

- User Query Table [contact_us]

SR.NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS
1	id	int	10	Primary Key
2	full_name	nvarchar(50)	50	
3	email	nvarchar(50)	50	
4	subject	nvarchar(50)	50	
5	message	nvarchar(50)	50	

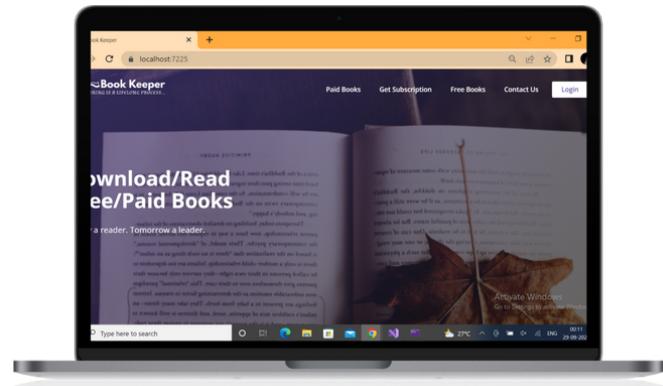
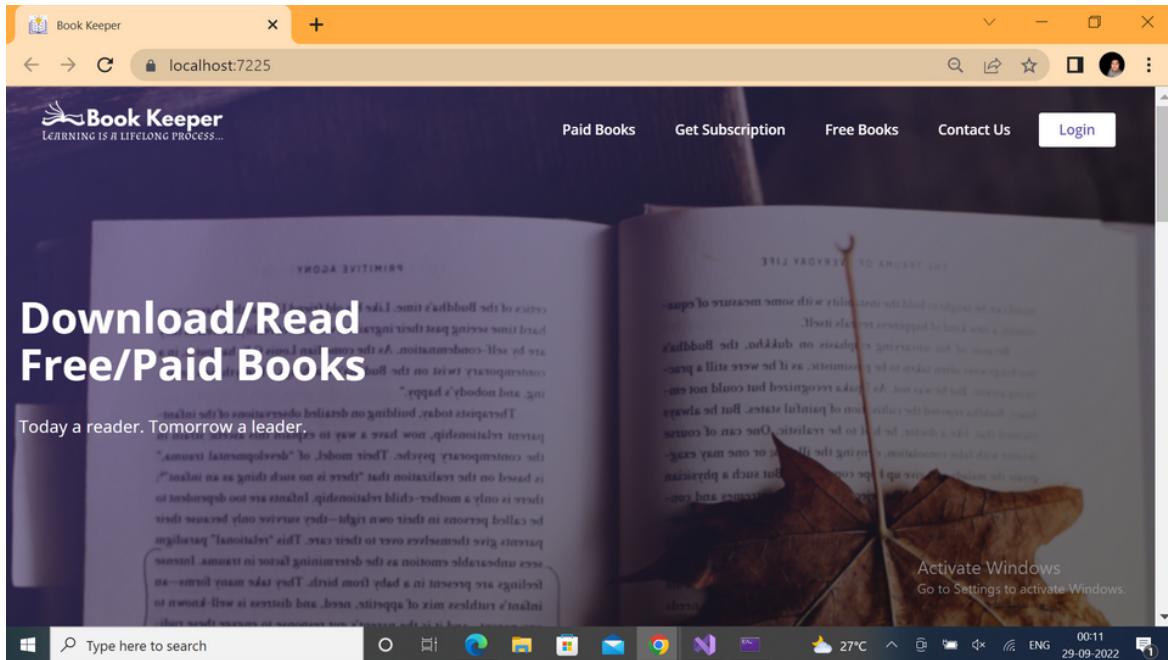
- Book Category Information Table [book_categories]

SR.NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS
1	category_name	nvarchar(50)	50	Primary Key
2	category_description	nvarchar(50)	50	



Project Working Flow With Screen Shots User Side

- Landing Page

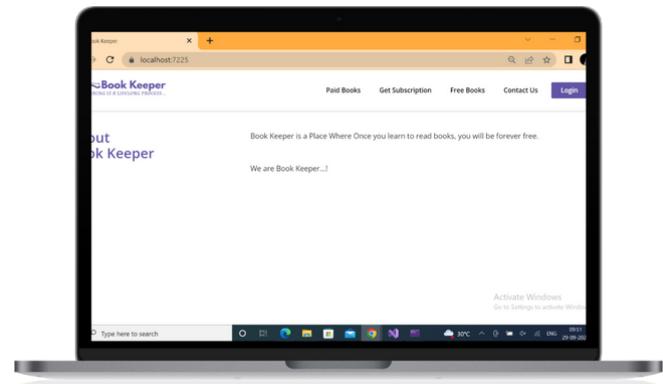
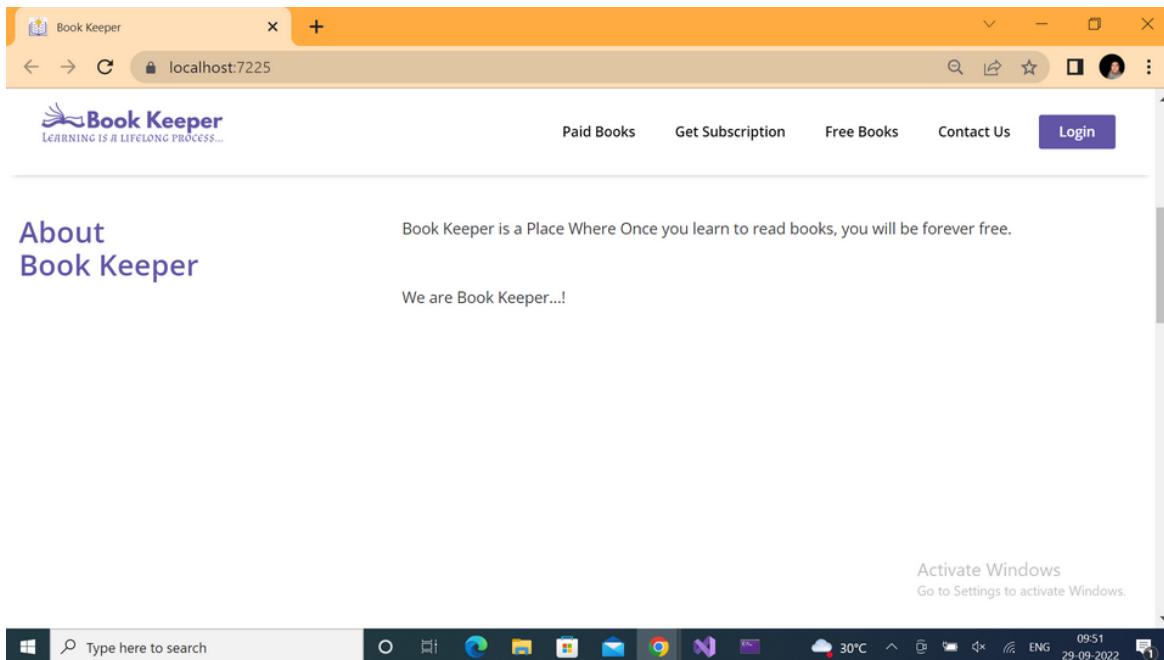




Project Working Flow With Screen Shots

User Side

- Introduction Page



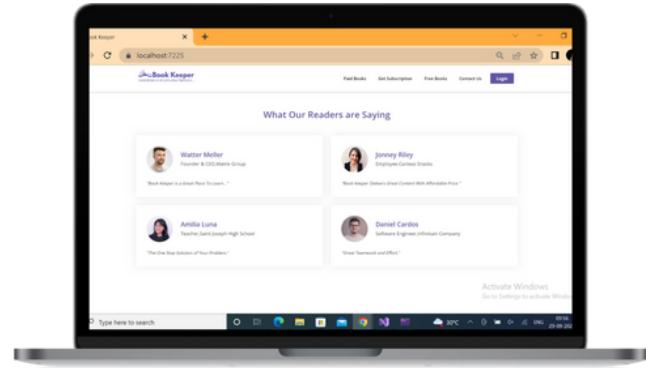


Project Working Flow With Screen Shots

User Side

• User Review Page

A screenshot of a web browser window titled 'Book Keeper' showing the user review page. The URL is 'localhost:7225'. The page features a header with the Book Keeper logo and navigation links for 'Paid Books', 'Get Subscription', 'Free Books', and 'Contact Us'. A 'Login' button is also present. The main content is titled 'What Our Readers are Saying' and displays four testimonial cards. Each card includes a user's profile picture, name, title, and a quote. A 'Windows Activation' message is visible on the right side of the page. The browser's taskbar at the bottom shows various pinned icons and the system clock.

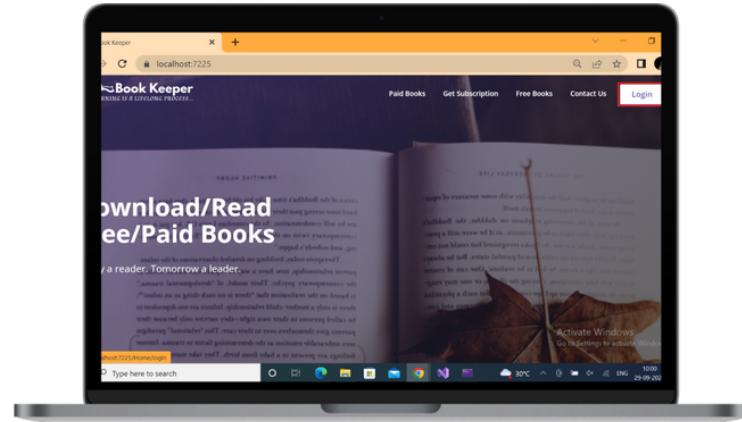
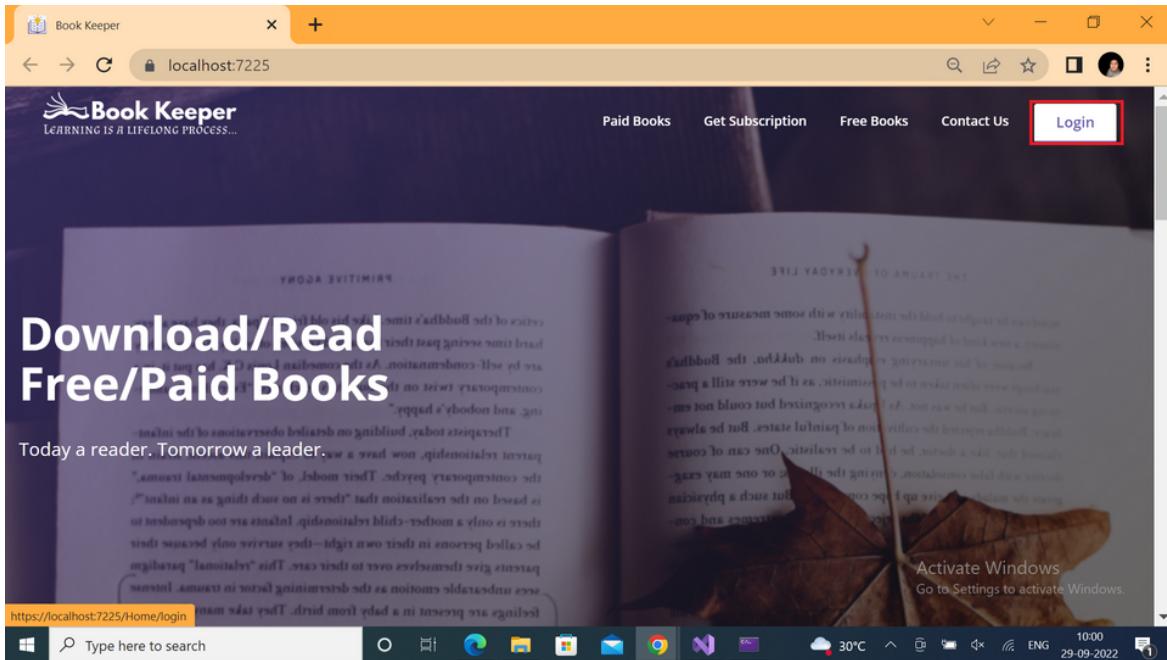




Project Working Flow With Screen Shots

User Side

- **User Login**

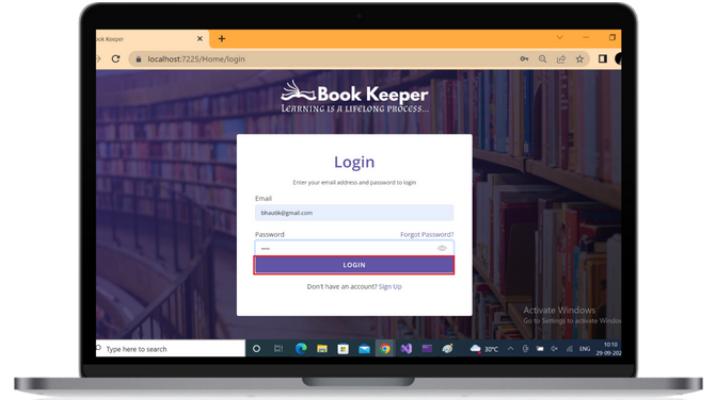
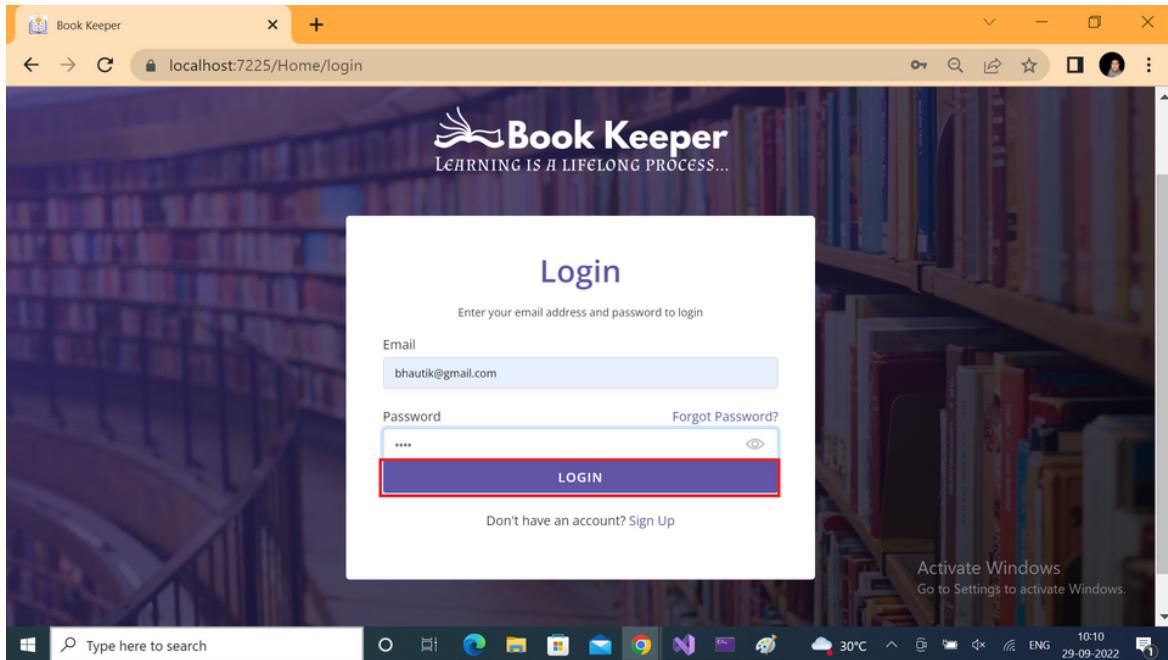




Project Working Flow With Screen Shots

User Side

- User Login Page

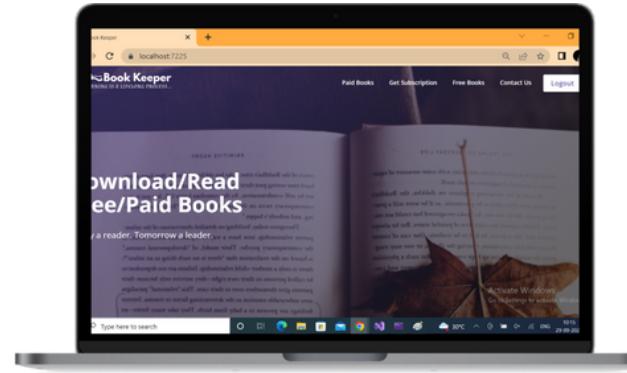
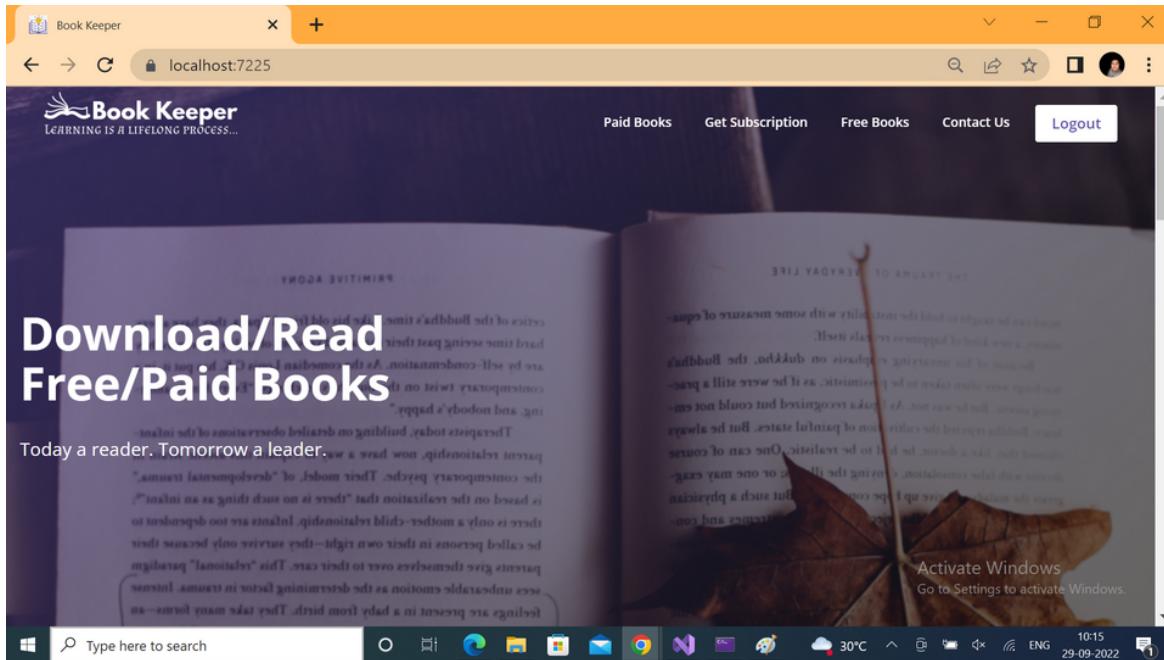




Project Working Flow With Screen Shots

User Side

- After Logging In

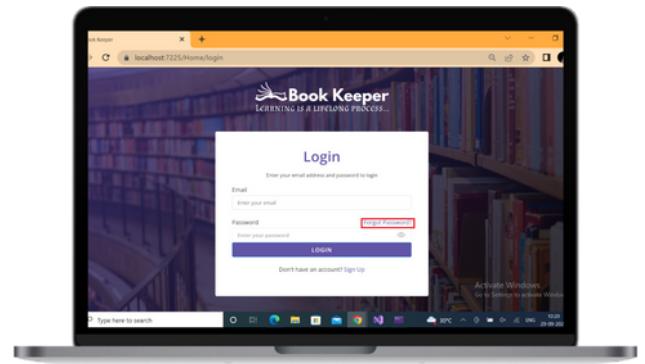
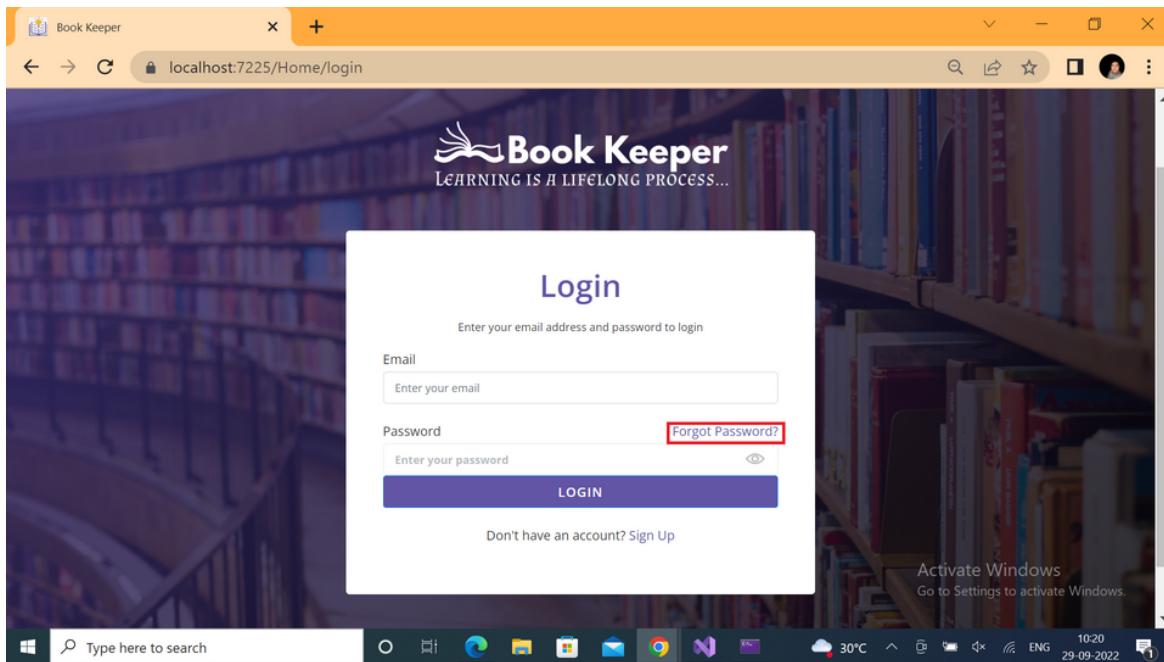




Project Working Flow With Screen Shots

User Side

- If User Forgot His Password...?

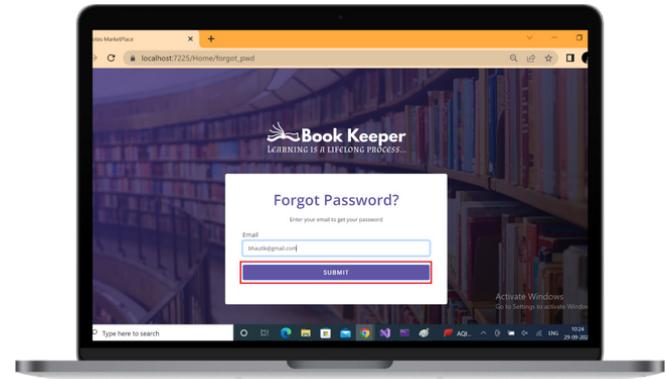
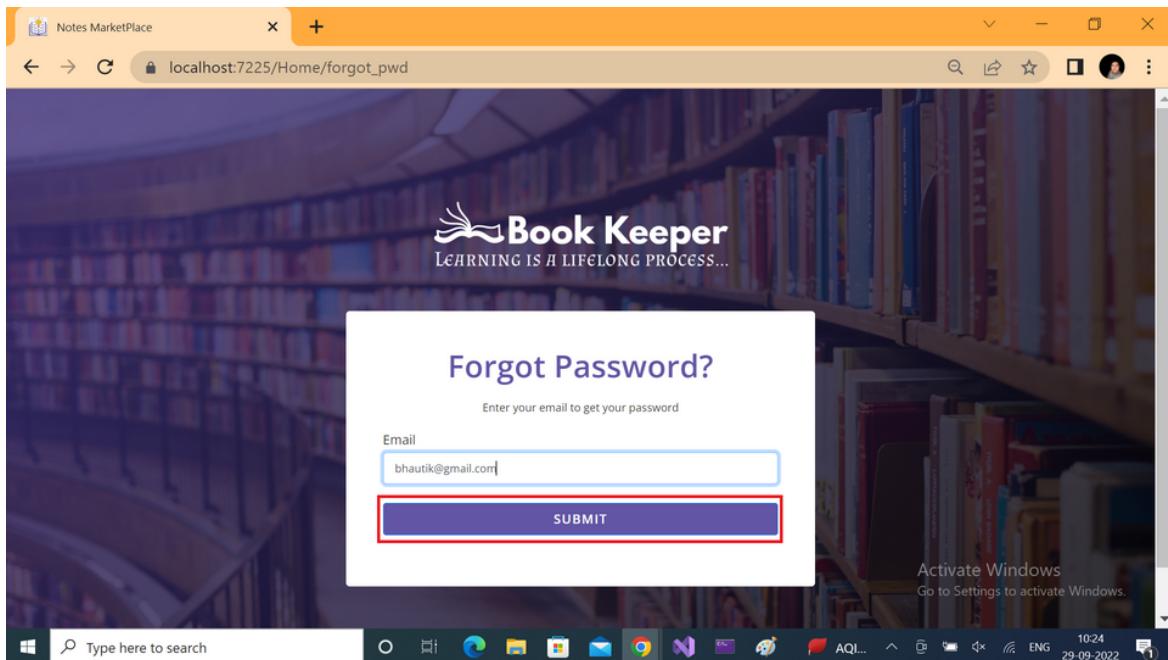




Project Working Flow With Screen Shots

User Side

- **Forgot Password Page**

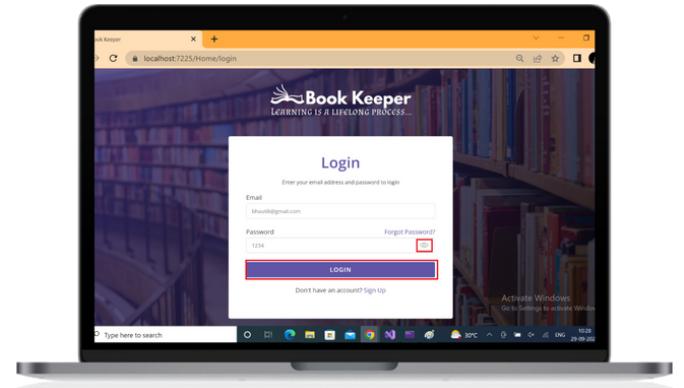
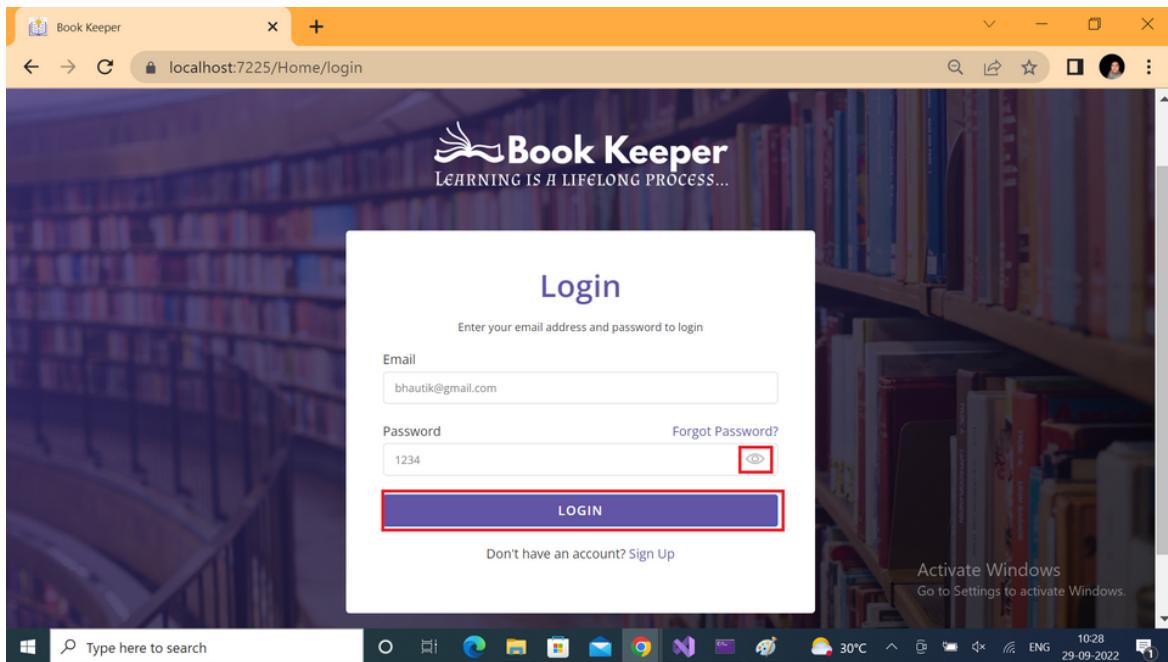




Project Working Flow With Screen Shots

User Side

- Redirecting To Login Page With Email & Password

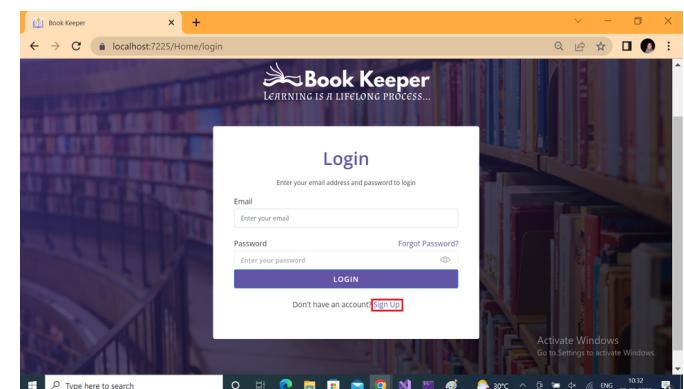
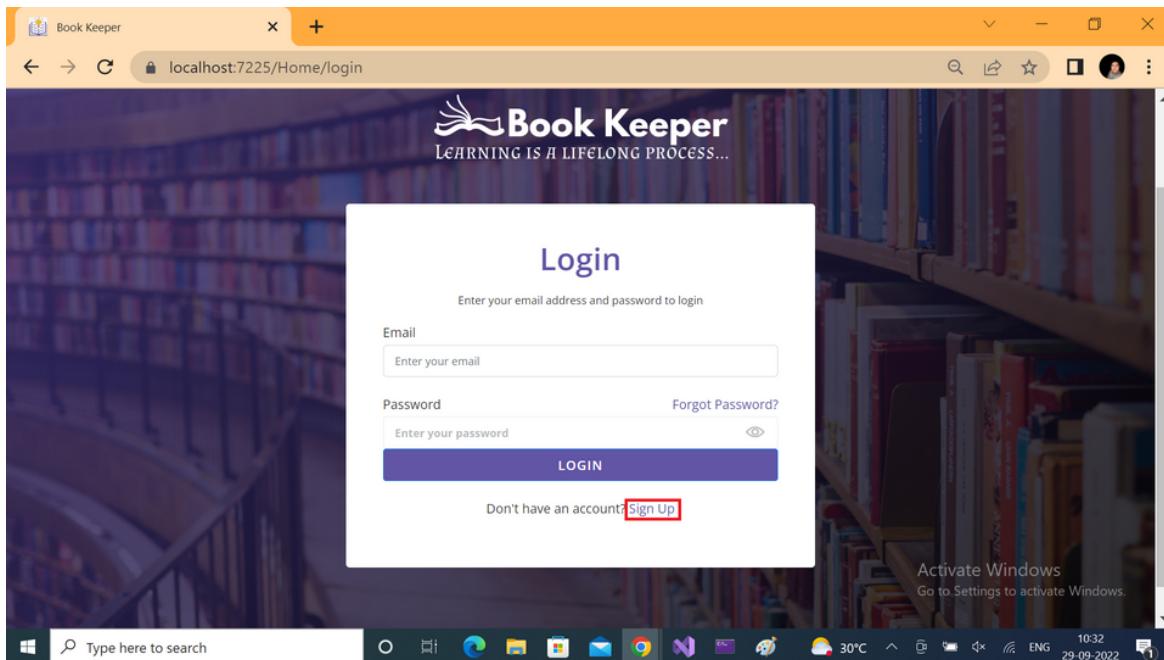




Project Working Flow With Screen Shots

User Side

- If User Haven't an Account...!

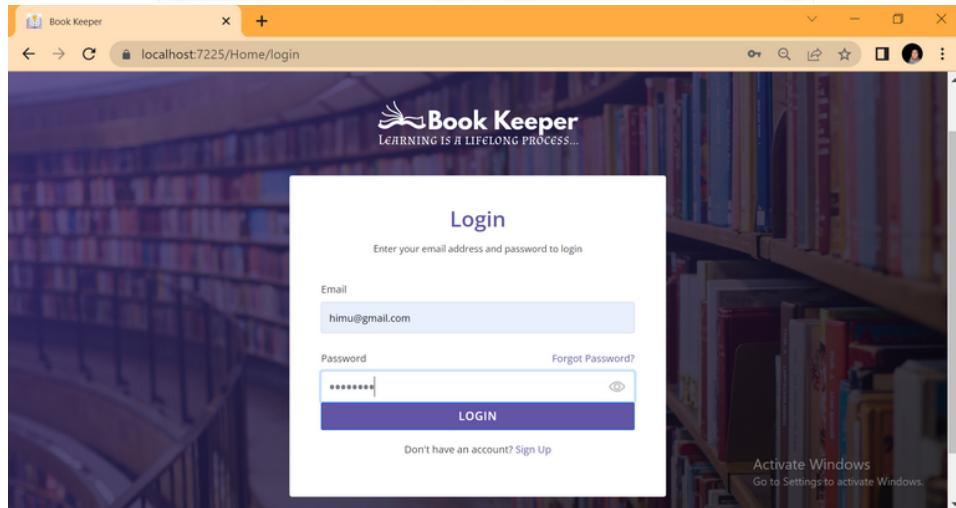
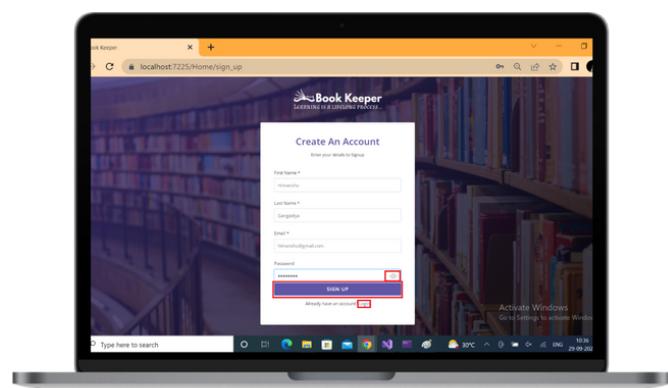
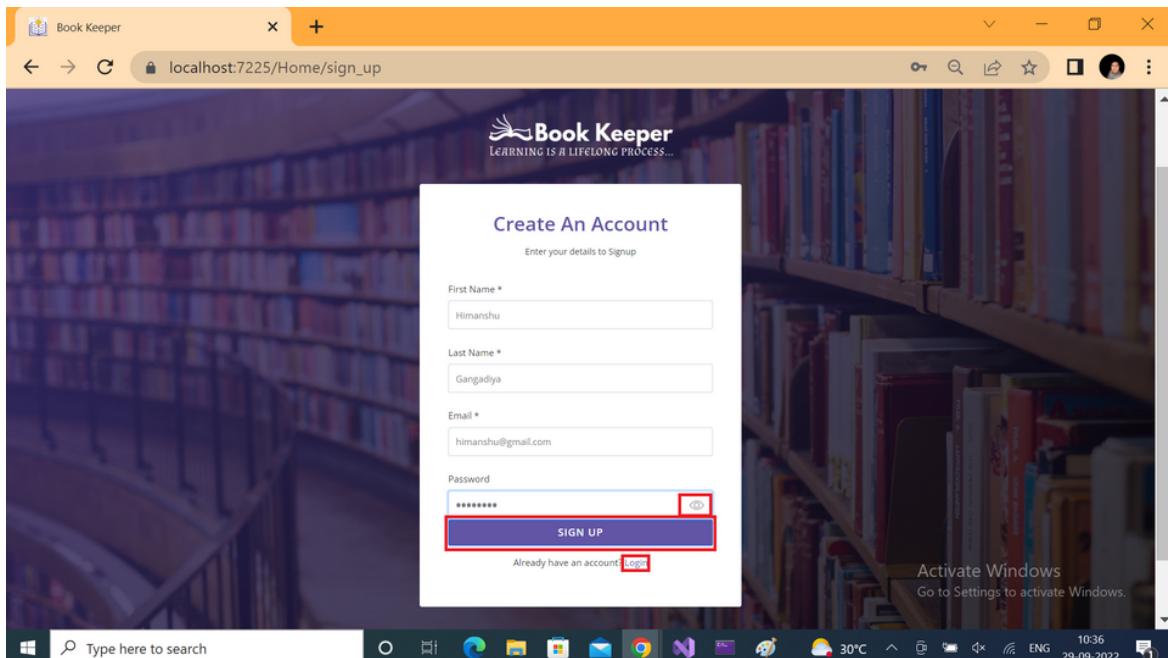




Project Working Flow With Screen Shots

User Side

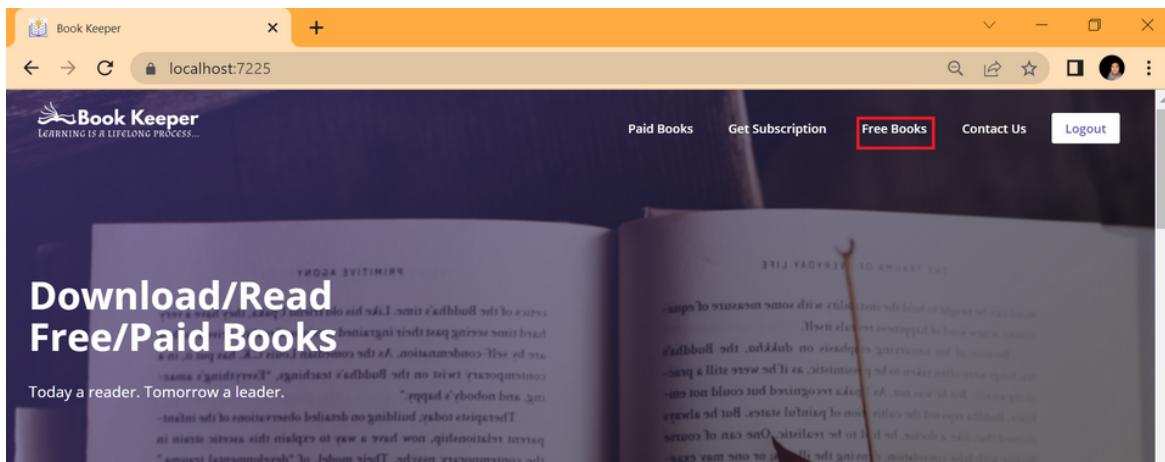
- User Registration Page



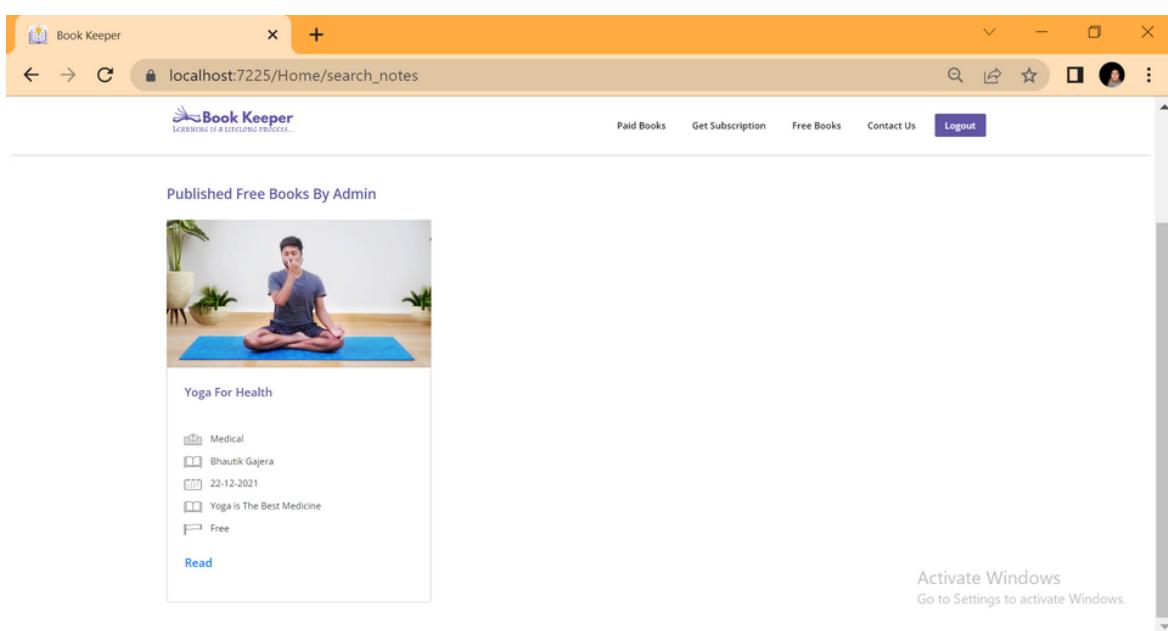


Project Working Flow With Screen Shots User Side

- How To Get Free Books...?



- Free Books Page

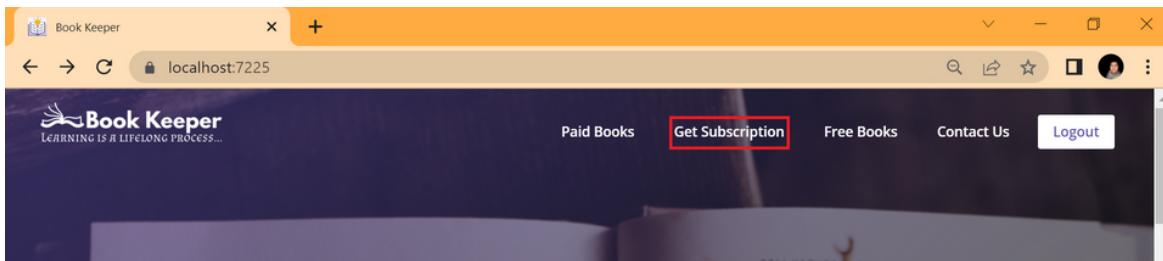




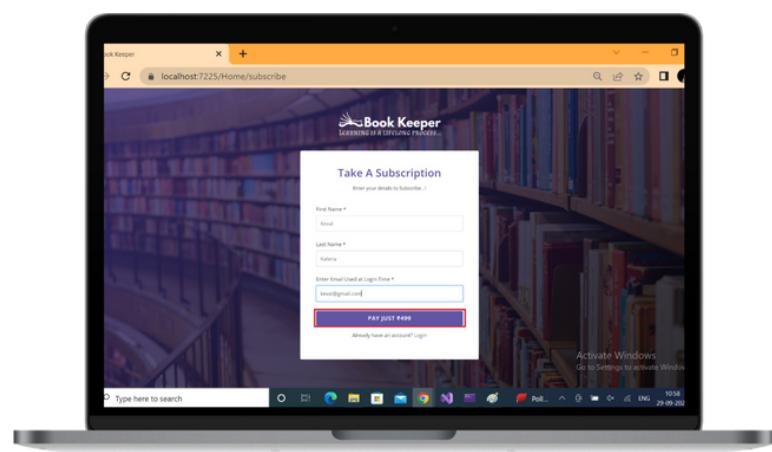
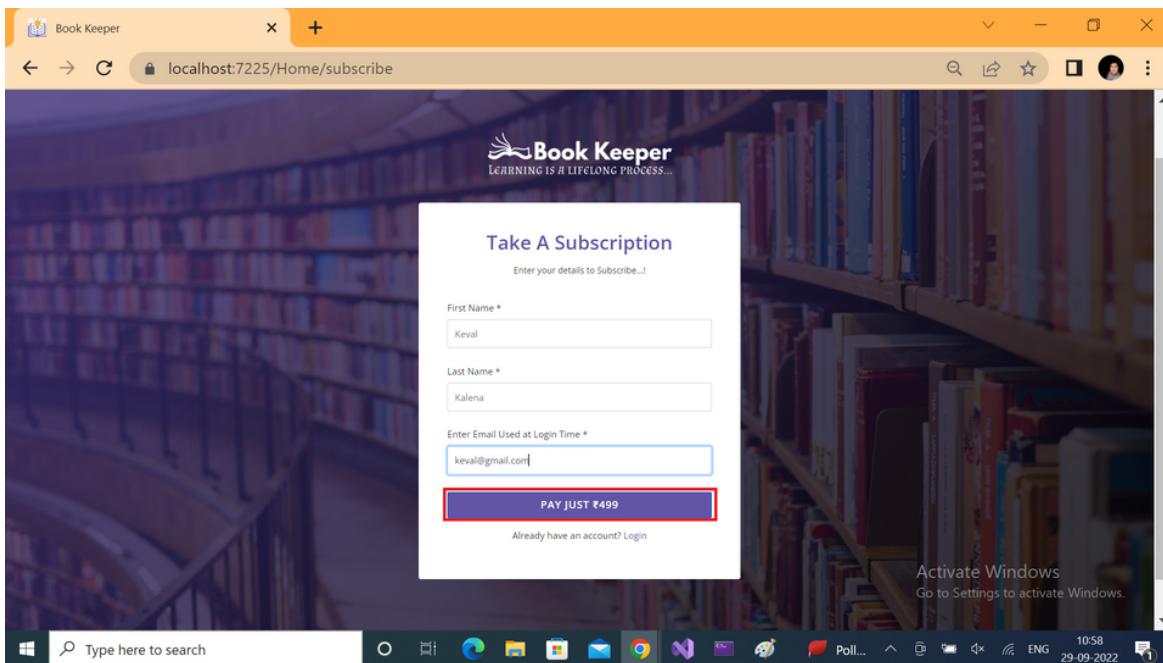
Project Working Flow With Screen Shots

User Side

- How To Get Subscription...?



- Subscription Page

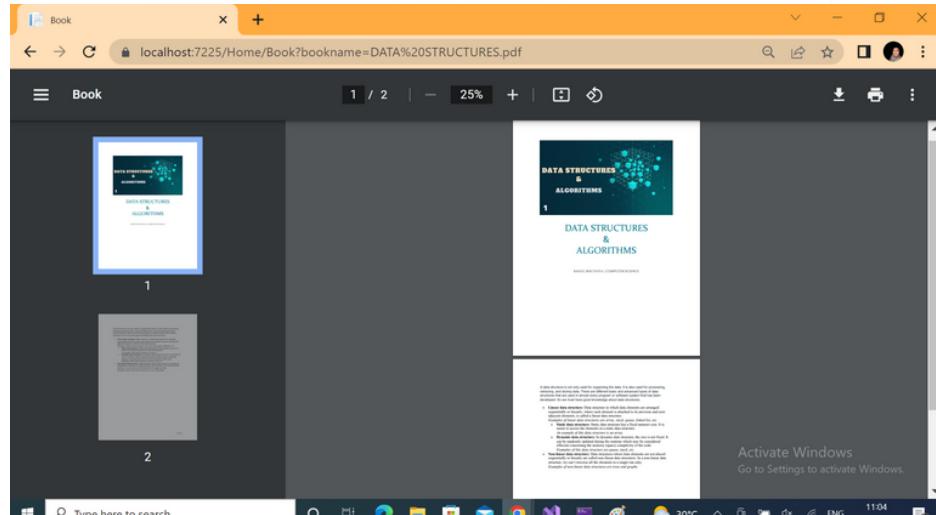
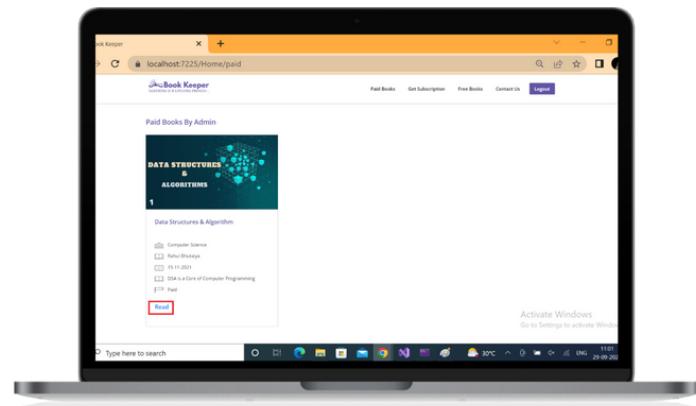
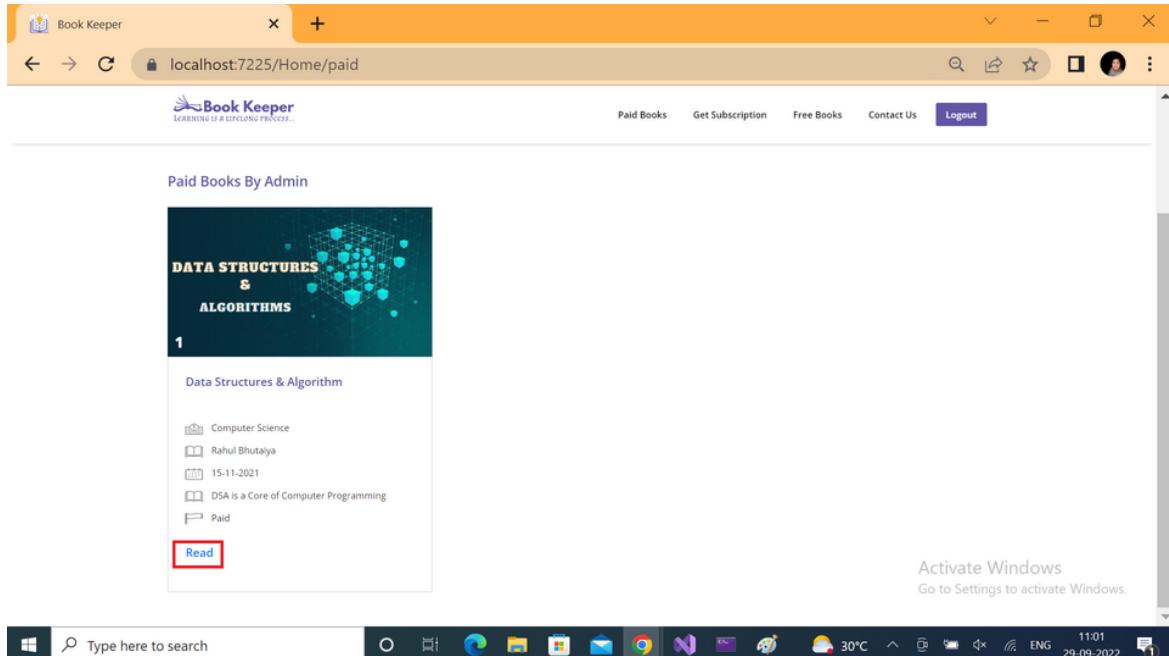




Project Working Flow With Screen Shots

User Side

- **Visiting Paid Books List After Subscription...**

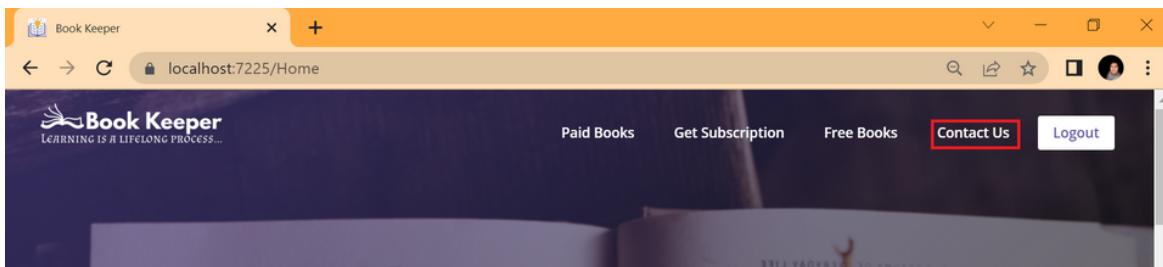




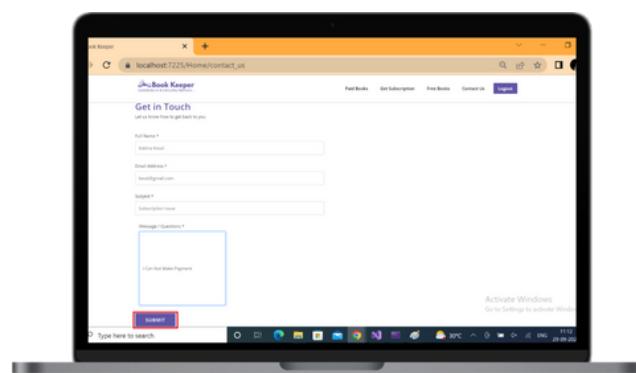
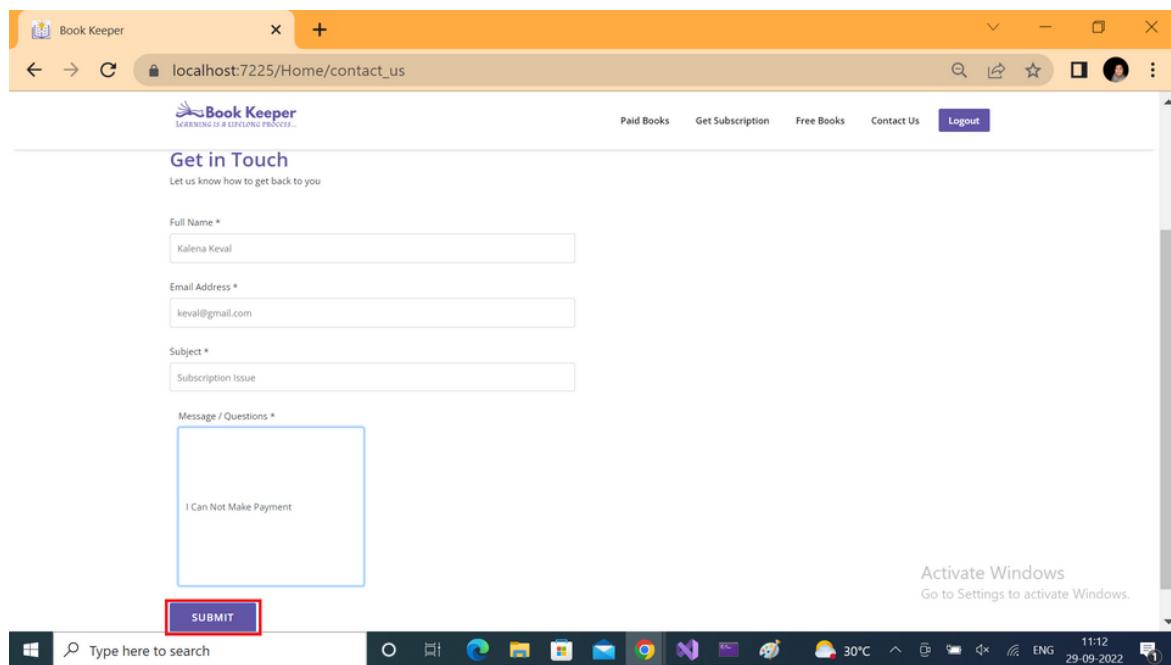
Project Working Flow With Screen Shots

User Side

- How To Contact Admin...



- User Contact Page

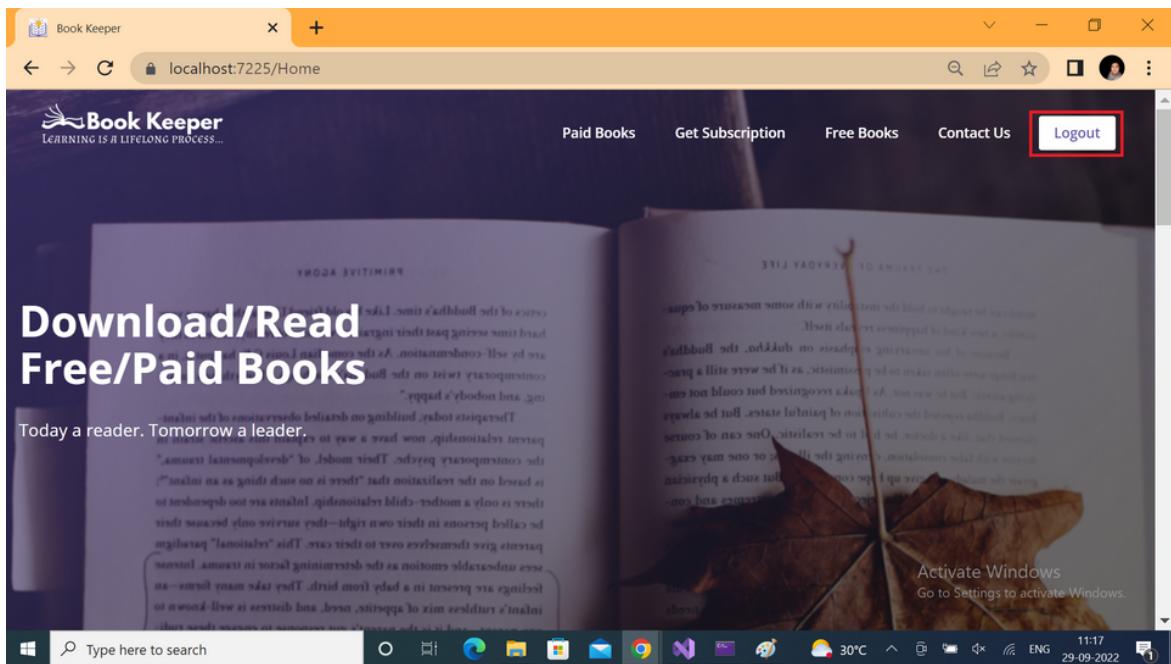




Project Working Flow With Screen Shots

User Side

- Click On Logout-Button For User Logout

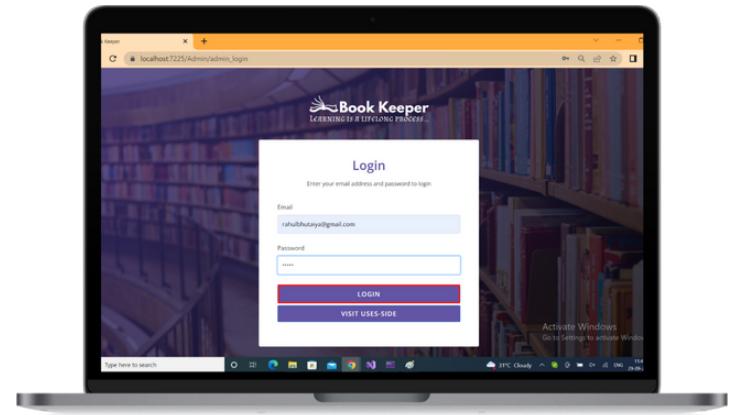
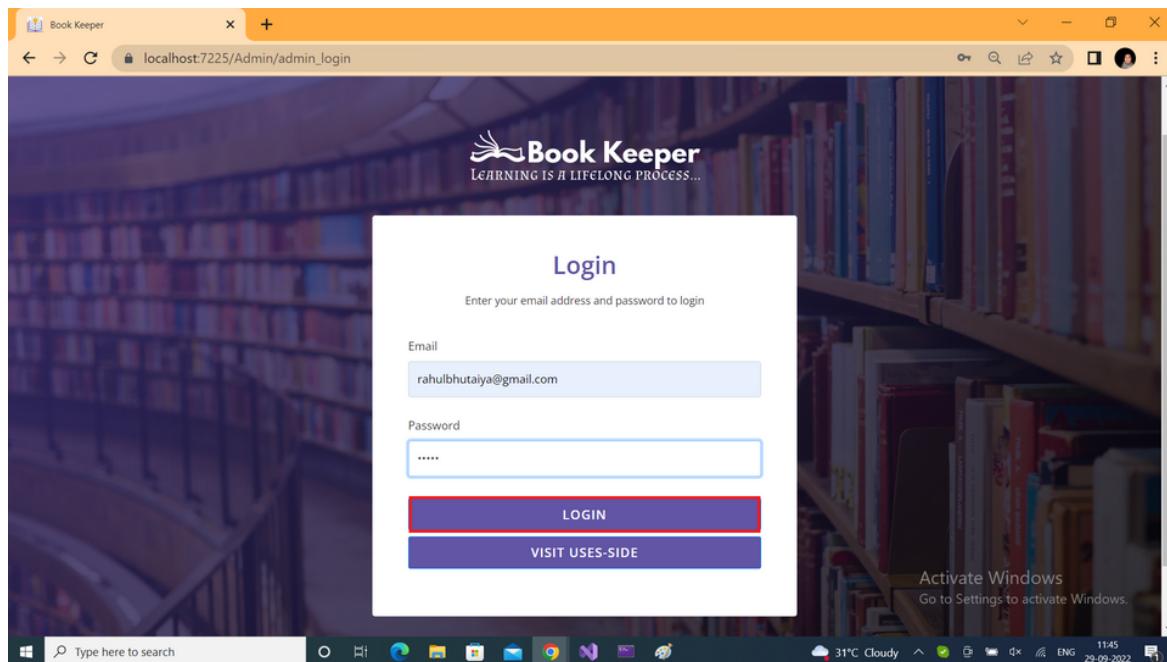




Project Working Flow With Screen Shots

Admin Side

- Admin Landing page





Project Working Flow With Screen Shots

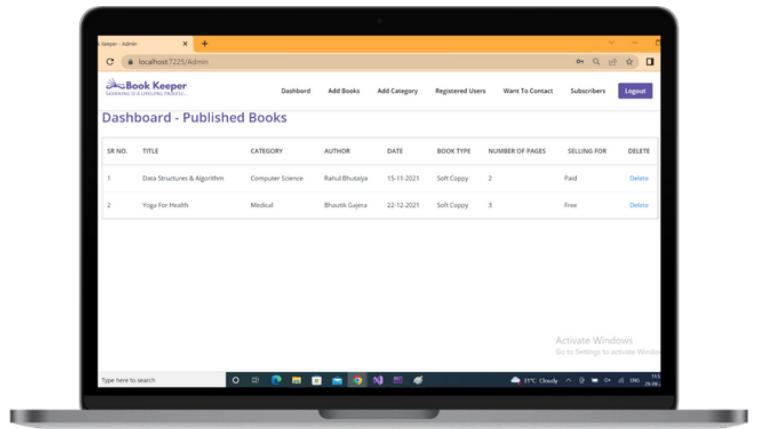
Admin Side

- Admin DashBoard

The screenshot shows a web browser window titled "Book Keeper - Admin" with the URL "localhost:7225/Admin". The page header includes the "Book Keeper" logo and a tagline "LEARNING IS A LIFELONG PROCESS...". The main navigation menu has links for "Dashboard", "Add Books", "Add Category", "Registered Users", "Want To Contact", "Subscribers", and "Logout". Below the menu, a sub-header reads "Dashboard - Published Books". A table displays two entries of published books:

SR NO.	TITLE	CATEGORY	AUTHOR	DATE	BOOK TYPE	NUMBER OF PAGES	SELLING FOR	DELETE
1	Data Structures & Algorithm	Computer Science	Rahul Bhutaiya	15-11-2021	Soft Copy	2	Paid	Delete
2	Yoga For Health	Medical	Bhautik Gajera	22-12-2021	Soft Copy	3	Free	Delete

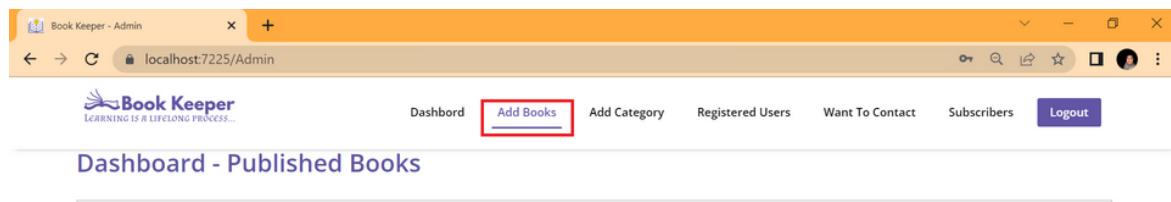
The screenshot shows the Windows taskbar with the "Book Keeper" application icon in the system tray. The system tray also displays the date and time as "29-09-2022 11:52".



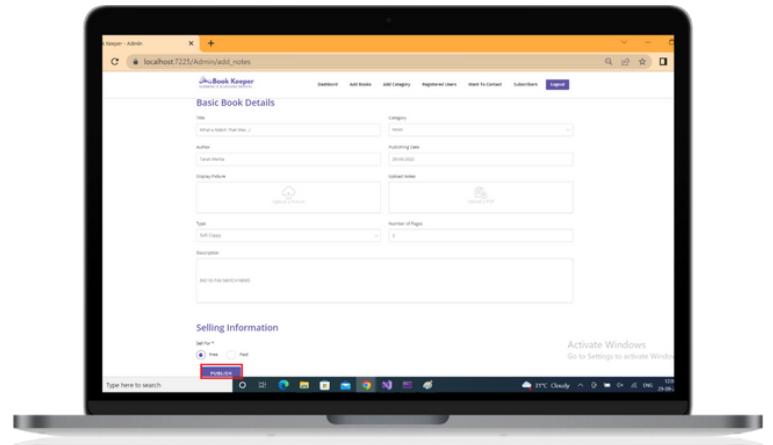
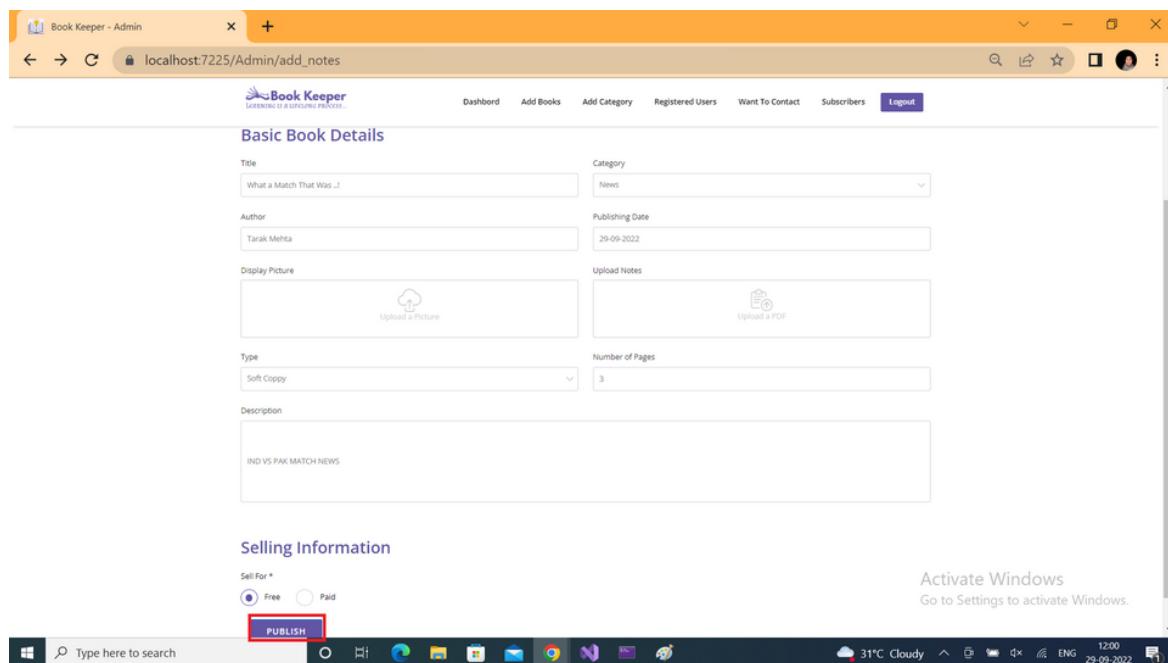


Project Working Flow With Screen Shots Admin Side

- **How to Publish Books....!**



- **Add Books Detail...**





Project Working Flow With Screen Shots

Admin Side

- Book is Uploaded & Will See at Dashboard

The screenshot shows the 'Dashboard - Published Books' page. The table lists three books with the following details:

SR NO.	TITLE	CATEGORY	AUTHOR	DATE	BOOK TYPE	NUMBER OF PAGES	SELLING FOR	DELETE
1	Data Structures & Algorithm	Computer Science	Rahul Bhutaiya	15-11-2021	Soft Copy	2	Paid	Delete
2	Yoga For Health	Medical	Bhautik Gajera	22-12-2021	Soft Copy	3	Free	Delete
3	What a Match That Was ..!	News	Tarak Mehta	29-09-2022	Soft Copy	3	Free	Delete

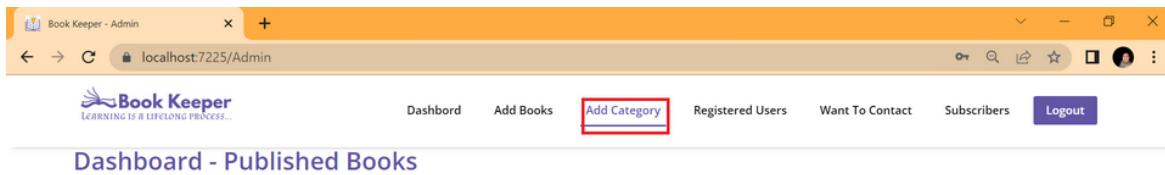


Activate Windows
Go to Settings to activate Windows.

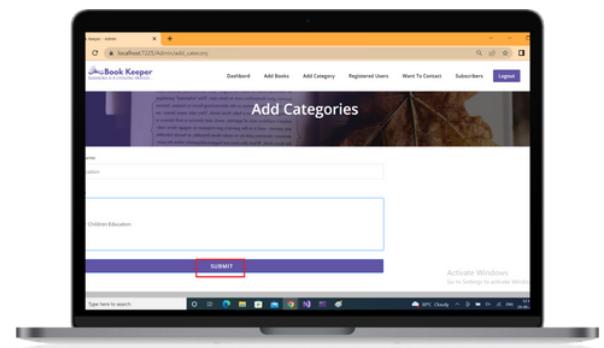
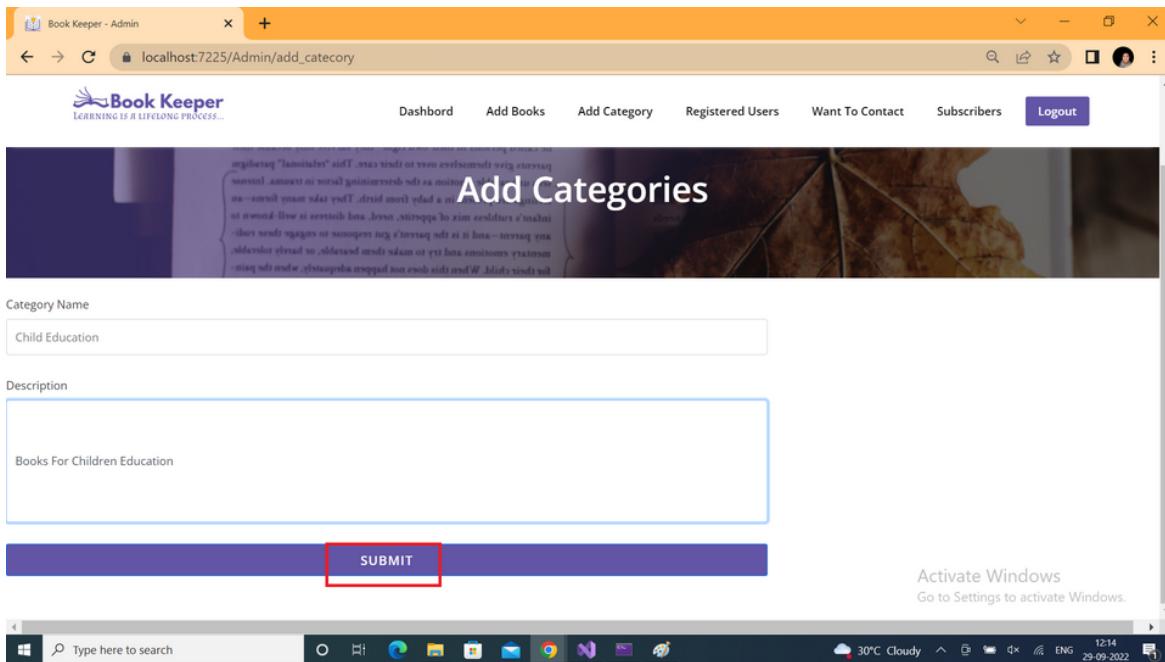


Project Working Flow With Screen Shots Admin Side

- How To Add Book Category..?



- Adding a New Book Category.





Project Working Flow With Screen Shots

Admin Side

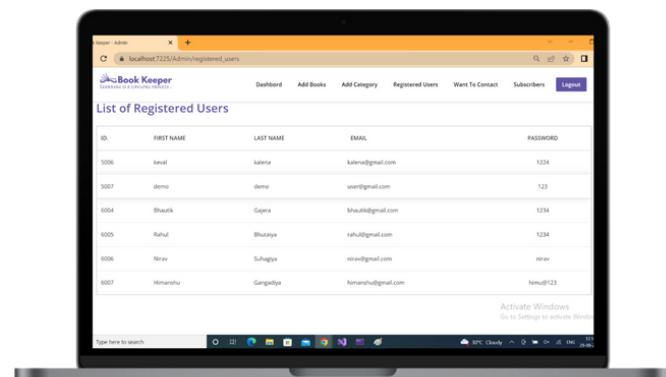
- How To See All Registered Users..?

The screenshot shows a browser window for 'Book Keeper - Admin' at 'localhost:7225/Admin'. The navigation bar includes 'Dashboard', 'Add Books', 'Add Category', 'Registered Users' (which is highlighted with a red box), 'Want To Contact', 'Subscribers', and 'Logout'. Below the navigation bar, the text 'Dashboard - Published Books' is visible.

- List of All Registered Users

The screenshot shows a browser window for 'Book Keeper - Admin' at 'localhost:7225/Admin/registered_users'. The navigation bar is identical to the previous screenshot. The main content is titled 'List of Registered Users' and displays a table with the following data:

ID.	FIRST NAME	LAST NAME	EMAIL	PASSWORD
5006	keval	kalena	kalena@gmail.com	1224
5007	demo	demo	user@gmail.com	123
6004	Bhautik	Gajera	bhautik@gmail.com	1234
6005	Rahul	Bhutaiya	rahul@gmail.com	1234
6006	Nirav	Suhagiya	nirav@gmail.com	nirav
6007	Himanshu	Gangadiya	himanshu@gmail.com	himu@123





Project Working Flow With Screen Shots

Admin Side

- How To See User Contact Detail..?

Dashboard - Published Books

- User Who Want To Contact Admin.

User - Who Want To Contact You...

ID.	FULL NAME	EMAIL	SUBJECT	MESSAGE
2	Rahul Bhutaiya	rahul@gmail.com	Greetings	Your Team is Delivering Such a Great Contant
3	Bhautik Gajera	bhautik@gmail.com	Can not Get Subscription	Hi, I am Unable To Subscribe
4	bhautik	bhautik@gmail.com	Greetings	sadfdghjlymb.srb thtb r t5qyhb
5	Chris Gayle	gayle@gmail.com	Can not Make Payment	Hey I Want S
6	Kalena Keval	keval@gmail.com	Subscription Issue	I Can Not Make Payment

Activate Windows
Go to Settings to activate Windows.

User - Who Want To Contact You...

ID.	FULL NAME	EMAIL	SUBJECT	MESSAGE
2	Rahul Bhutaiya	rahul@gmail.com	Greetings	Your Team is Delivering Such a Great Contant
3	Bhautik Gajera	bhautik@gmail.com	Can not Get Subscription	Hi, I am Unable To Subscribe
4	bhautik	bhautik@gmail.com	Greetings	sadfdghjlymb.srb thtb r t5qyhb
5	Chris Gayle	gayle@gmail.com	Can not Make Payment	Hey I Want S
6	Kalena Keval	keval@gmail.com	Subscription Issue	I Can Not Make Payment



Project Working Flow With Screen Shots

Admin Side

- How To See Subscriber Detail..?

Book Keeper - Admin

localhost:7225/Admin/

Book Keeper
LEARNING IS A LIFELONG PROCESS...

Dashboard Add Books Add Category Registered Users Want To Contact **Subscribers** Logout

Dashboard - Published Books

- Subscribers List

Book Keeper - Admin

localhost:7225/Admin/subscribers

Book Keeper
LEARNING IS A LIFELONG PROCESS...

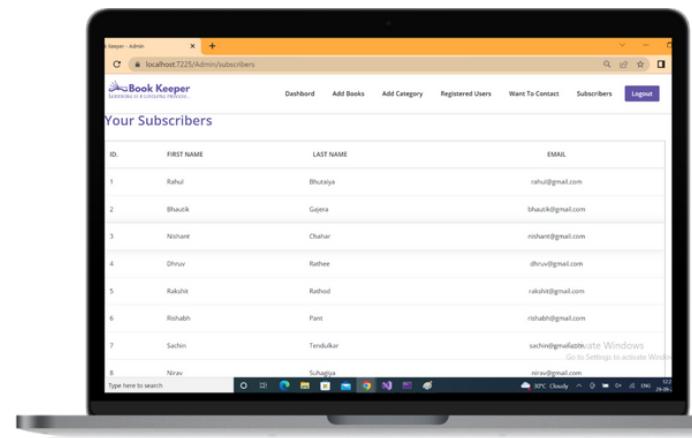
Dashboard Add Books Add Category Registered Users Want To Contact Subscribers Logout

Your Subscribers

ID.	FIRST NAME	LAST NAME	EMAIL
1	Rahul	Bhutaiya	rahul@gmail.com
2	Bhautik	Gajera	bhautik@gmail.com
3	Nishant	Chahar	nishant@gmail.com
4	Dhruv	Rathee	dhruv@gmail.com
5	Rakshit	Rathod	rakshit@gmail.com
6	Rishabh	Pant	rishabh@gmail.com
7	Sachin	Tendulkar	sachin@gmail.com
8	Nirav	Suhagiya	nirav@gmail.com

Type here to search

30°C Cloudy 12:25 29-09-2022





Project Working Flow With Screen Shots

Admin Side

- Admin Logout

Dashboard - Published Books

SR NO.	TITLE	CATEGORY	AUTHOR	DATE	BOOK TYPE	NUMBER OF PAGES	SELLING FOR	DELETE
1	Data Structures & Algorithm	Computer Science	Rahul Bhutaiya	15-11-2021	Soft Copy	2	Paid	Delete
2	Yoga For Health	Medical	Bhautik Gajera	22-12-2021	Soft Copy	3	Free	Delete
4	What a Match That Was ..!	News	Tarak Mehta	29-09-2022	Soft Copy	3	Free	Delete



- Can Easily Visit User Side

Book Keeper

LEARNING IS A LIFELONG PROCESS...

Login

Enter your email address and password to login

Email

Enter your email

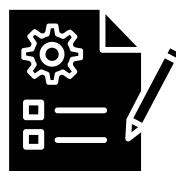
Password

Enter your password

LOGIN

VISIT USES-SIDE

Activate Windows
Go to Settings to activate Windows.



Future Goals...

- **In Future We Want To Add Functionalities Like....**
 - **Add SubAdmin, Who Also Can Publish Books.**
 - **User Can Filter Books & Can Get His/Her Favourite Books**
 - **Book Search Option For User and Admin**



Conclusion.

Throughout our research project, we have learned that the majority of people would prefer to read a printed book instead of an e-book. Considering the fact that everyone we interviewed and surveyed was over 18, their preferences had a lot to do with the fact that they grew up in a less technological time where they were forced only to read paper books. If we were to research further, it would have been great to interview and survey a younger generation of kids to see if they prefer electronic books since they have grown up in a more electronic age.