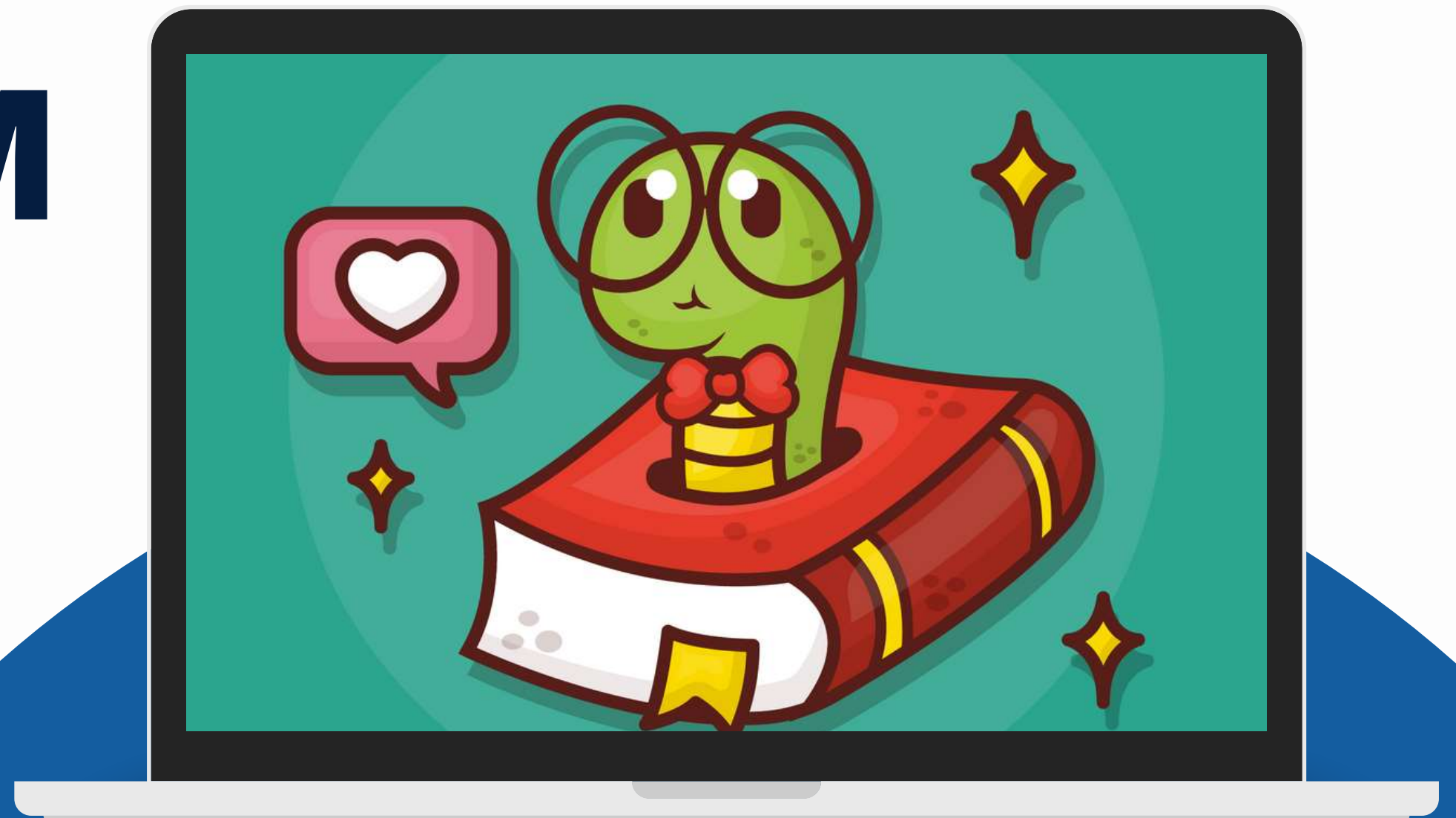




# BOOKWORM

By: Sayantan Mukherjee





# Introduction

Providing the “bookworms” a habitat to delve into, to find their “food”. Enter into the world of your favourite books with just a few clicks. Access them in any form, paper back or in pdf. Buy the online pdf to access them anywhere and at anytime. Your ultimate place to escape from the reality or to step back to the real world, to learn something new or to laugh at something new.

# Project Overview

01

## Goals

Our goal is to provide a user friendly platform for the readers to purchase the hard copy or the pdf. Giving them easy access to a world full of books.

02

## Audience

Book enthusiast, Students, Casual Readers, Book Clubs, Parents and Educators and anyone else who loves to read.

03

## Challenges

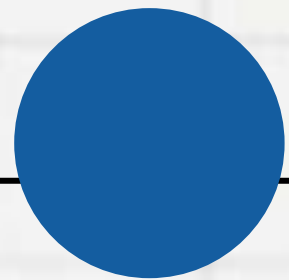
Competition, Technology infrastructure, Discoverability and Diverse content offering.

04

## Success Factors

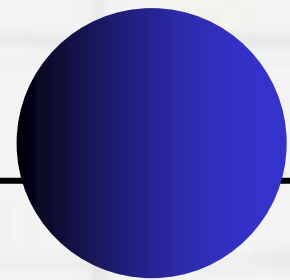
Content curation, easy-to-use platform and Customer service.

# Technology Stack



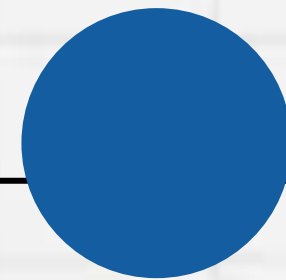
## 01 Frontend

Html, CSS, Java Script for the frontend development .



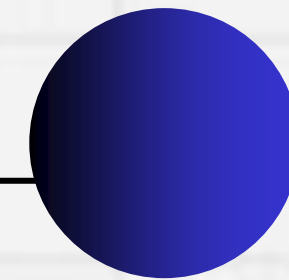
## 02 Backend

ASP .NET Framework, C#



## 03 Database

Microsoft SQL Server

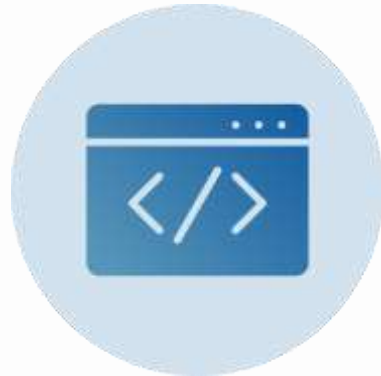


## 04 Server

Microsoft IIS Server



# Platform Feature



## User-Friendly

Our website is very user friendly for those who want to read books online or read the hard copy. There are different categories which users can select to find those books.



## Responsive Design

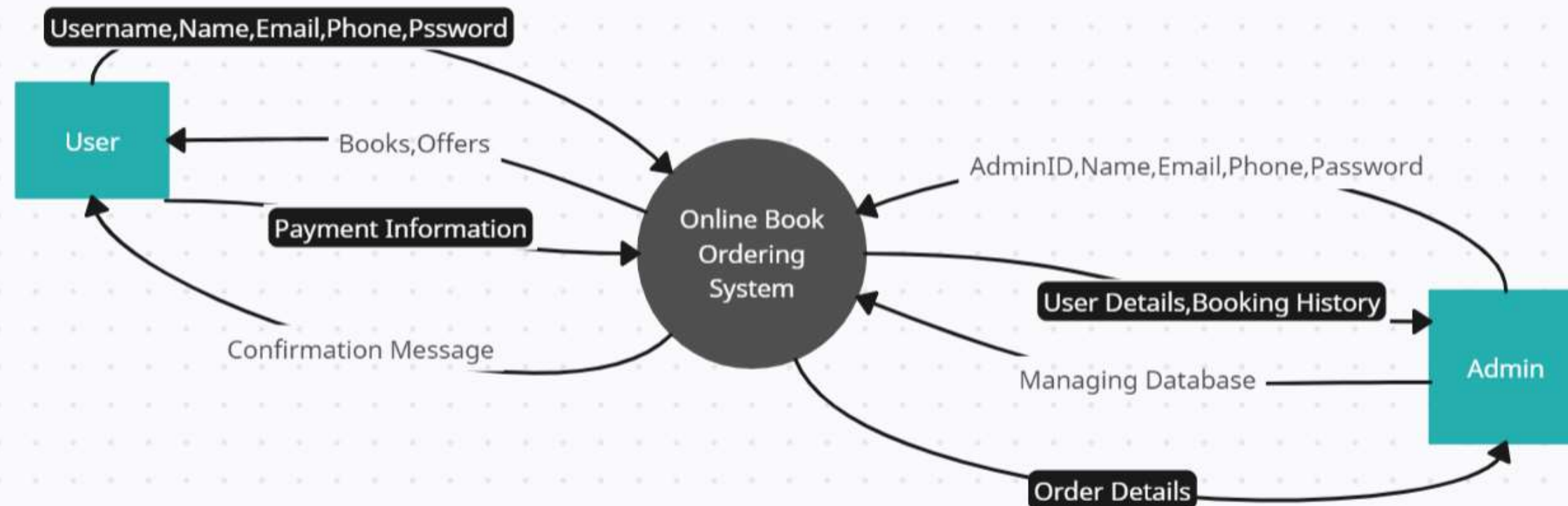
Ensures compatibility across various devices and screen sizes, allowing users to access the system seamlessly from desktops, smartphones and tablets.



## Feedback Mechanism

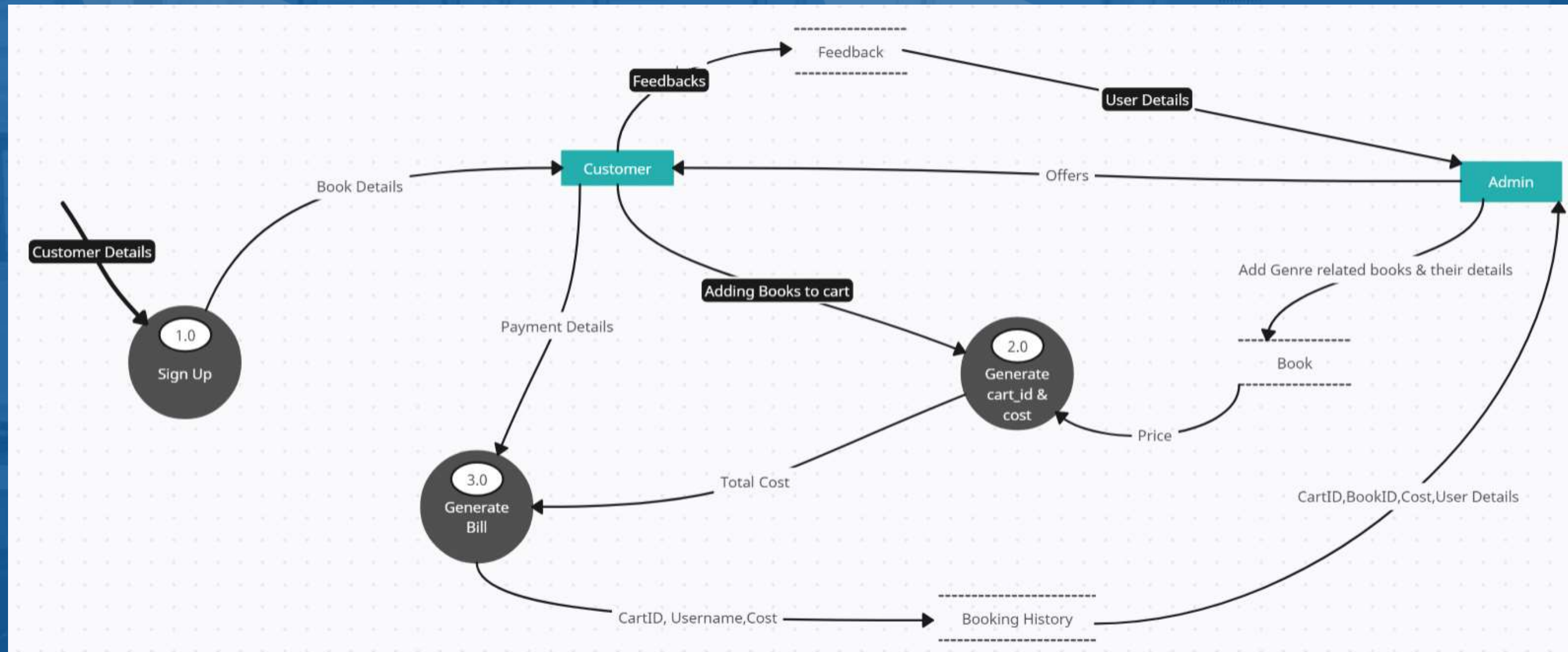
Implemented feedback mechanism to gather user suggestions and improve the system continuously based on the users feedback.

# DFD LEVEL 0



**At this level, the Input and Output of the system are shown. The system is designed and established across the world with input and output at this level.**

# DFD LEVEL 1

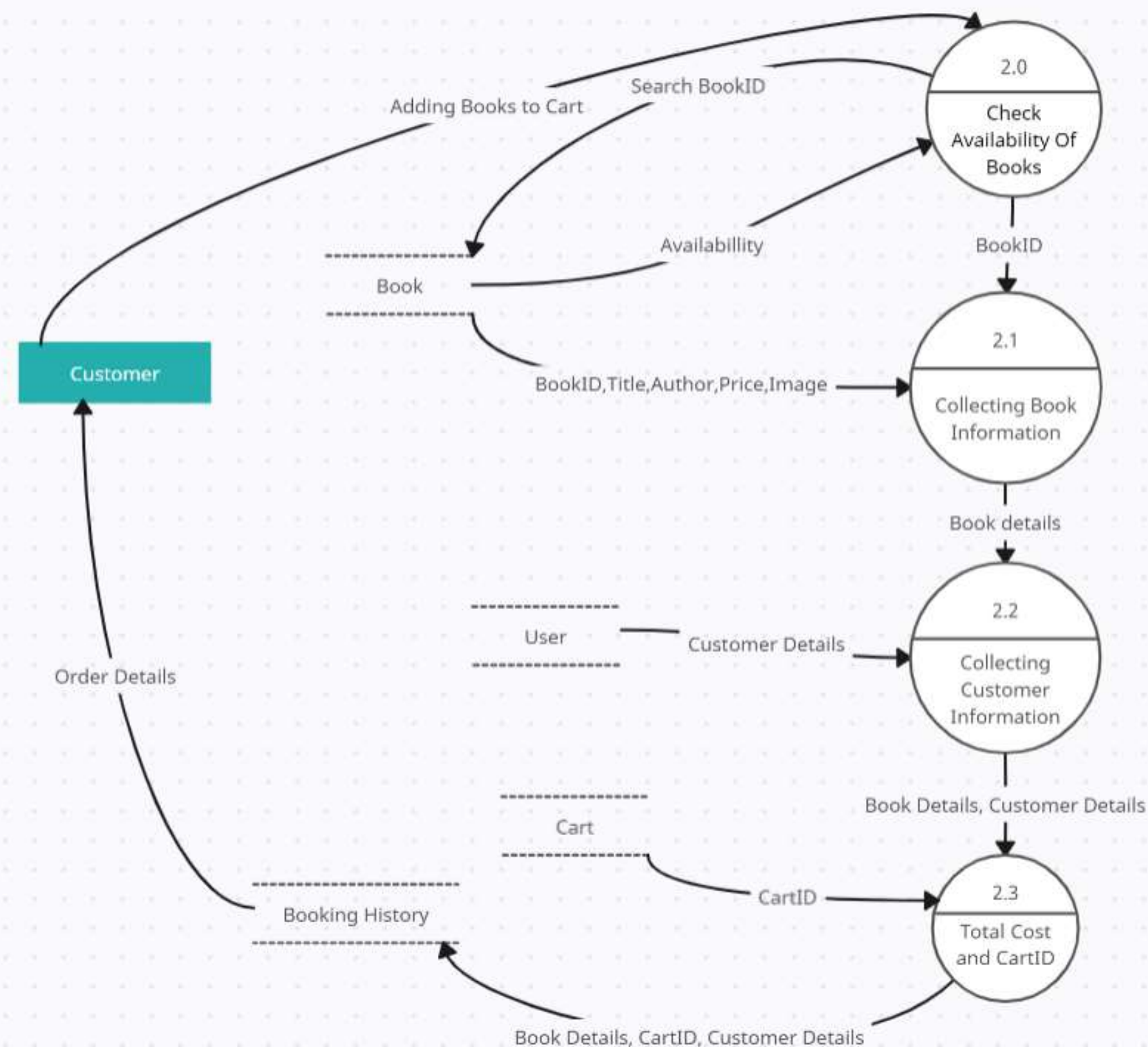


**At this level, we will see the different essential processes in the main system and how the data flows through them.**

**The first process (1.0) is where the customer will sign up, the second process (2.0) is where the Cart\_id and cost are generated and the third process (3.0) is where the bill is generated.**



# DFD LEVEL 2

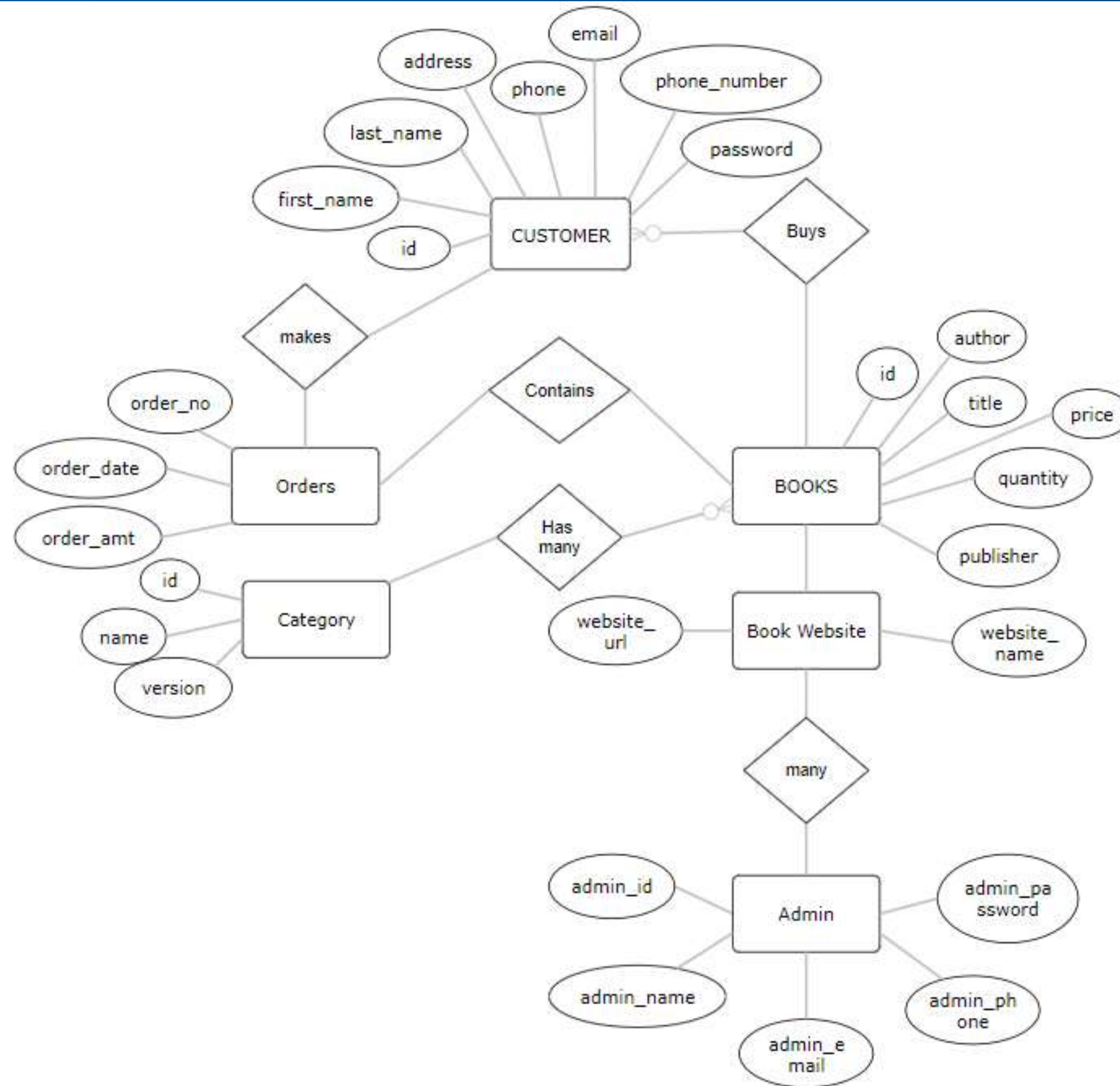


**At this level, we elaborate on the Generate Cart\_ID and Cost process (2.0), to see the different processes that take place here.**

**The sub-processes are checking book availability (2.0), collecting book information(2.1), collecting customer information(2. 2) and finally total cost and Cart ID(2.3)**



# Entity Relationship Diagram



An Entity Relationship (ER) Diagram is a type of flowchart that illustrates how “entities” such as people, objects or concepts relate to each other within a system. The entity will be our database table of e-Book website later on. Here the entities are User, Admin, Orders, Books, Category and Website.

# DATABASE SCHEMA

## ADMIN TABLE

COLUMN_NAME	DATA_TYPE	TYPE_NAME	PRECISION	LENGTH	SCALE	RADIX	NULLABLE
AdminID	4	int	10	4	0	10	0
Name	12	varchar	50	50	NULL	NULL	0
Email	12	varchar	50	50	NULL	NULL	0
Phone	12	varchar	50	50	NULL	NULL	0
Password	12	varchar	50	50	NULL	NULL	0

# DATABASE SCHEMA

## BOOKINGHISTORY TABLE

COLUMN_NAME	DATA_TYPE	TYPE_NAME	PRECISION	LENGTH	SCALE	RADIX	NULLABLE
UserName	12	varchar	50	50	NULL	NULL	0
Name	12	varchar	50	50	NULL	NULL	0
Address	12	varchar	50	50	NULL	NULL	0
Phone	12	varchar	50	50	NULL	NULL	0
BookID	4	int	10	4	0	10	0
Title	12	varchar	50	50	NULL	NULL	1
Genre	12	varchar	50	50	NULL	NULL	1
Quantity	4	int	10	4	0	10	0



# DATABASE SCHEMA

## CART TABLE

COLUMN_NAME	DATA_TYPE	TYPE_NAME	PRECISION	LENGTH	SCALE	RADIX	NULLABLE
cart_id	4	int identity	10	4	0	10	0
BookID	4	int	10	4	0	10	1
Title	12	varchar	50	50	NULL	NULL	1
Price	3	money	19	21	4	10	1
B_Image	-4	image	2147483647	2147483647	NULL	NULL	1
p_quantity	4	int	10	4	0	10	1
p_quantity_available	4	int	10	4	0	10	1

# DATABASE SCHEMA

## FEEDBACK TABLE

COLUMN_NAME	DATA_TYPE	TYPE_NAME	PRECISION	LENGTH	SCALE	RADIX	NULLABLE
Name	12	varchar	50	50	NULL	NULL	1
Email	12	varchar	50	50	NULL	NULL	0
Phone	12	varchar	50	50	NULL	NULL	1
Rating	12	varchar	50	50	NULL	NULL	1
Remarks	12	varchar	50	50	NULL	NULL	1

# DATABASE SCHEMA

## USER TABLE

	Column_name	Type	Computed	Length	Prec	Scale	Nullable
1	UserName	varchar	no	50			no
2	Name	varchar	no	50			no
3	Email	varchar	no	50			no
4	Phone	varchar	no	50			no
5	Password	varchar	no	50			no



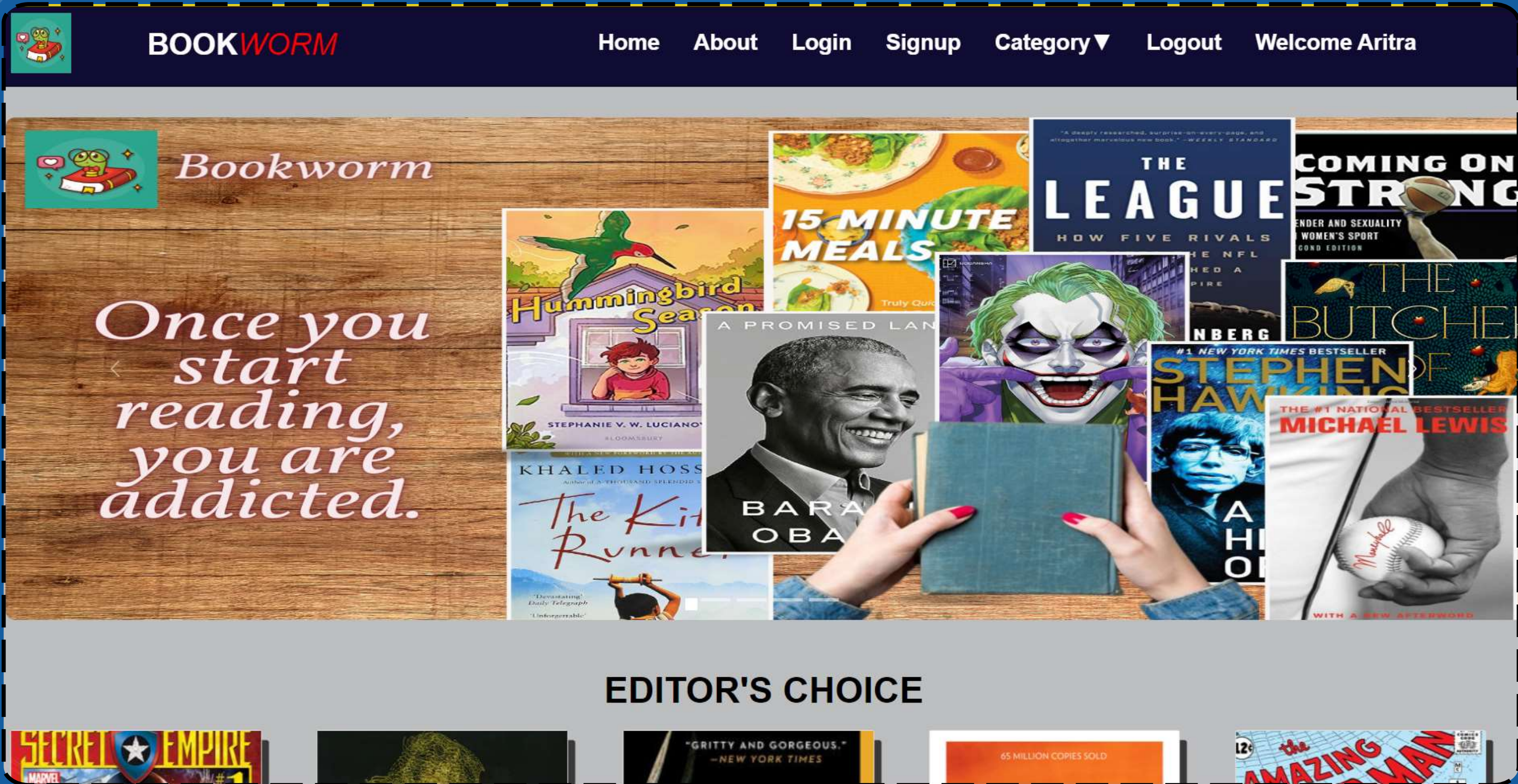
# DATABASE SCHEMA

## BOOK TABLE

	Column_name	Type	Computed	Length	Prec	Scale	Nullable
1	BookID	int	no	4	10	0	no
2	Title	varchar	no	-1			no
3	Author	varchar	no	-1			no
4	Price	money	no	8	19	4	no
5	Publisher	varchar	no	50			yes
6	Availability	int	no	4	10	0	no
7	Image	varbinary	no	-1			yes
8	PDF	varbinary	no	-1			yes



# USER HOME PAGE





# USER LOGIN PAGE



BOOKWORM

[Home](#)

[About](#)

[Admin](#)

[Login](#)

[Signup](#)

## LOGIN

Enter your User name

Enter your Email

Enter your password

LOGIN

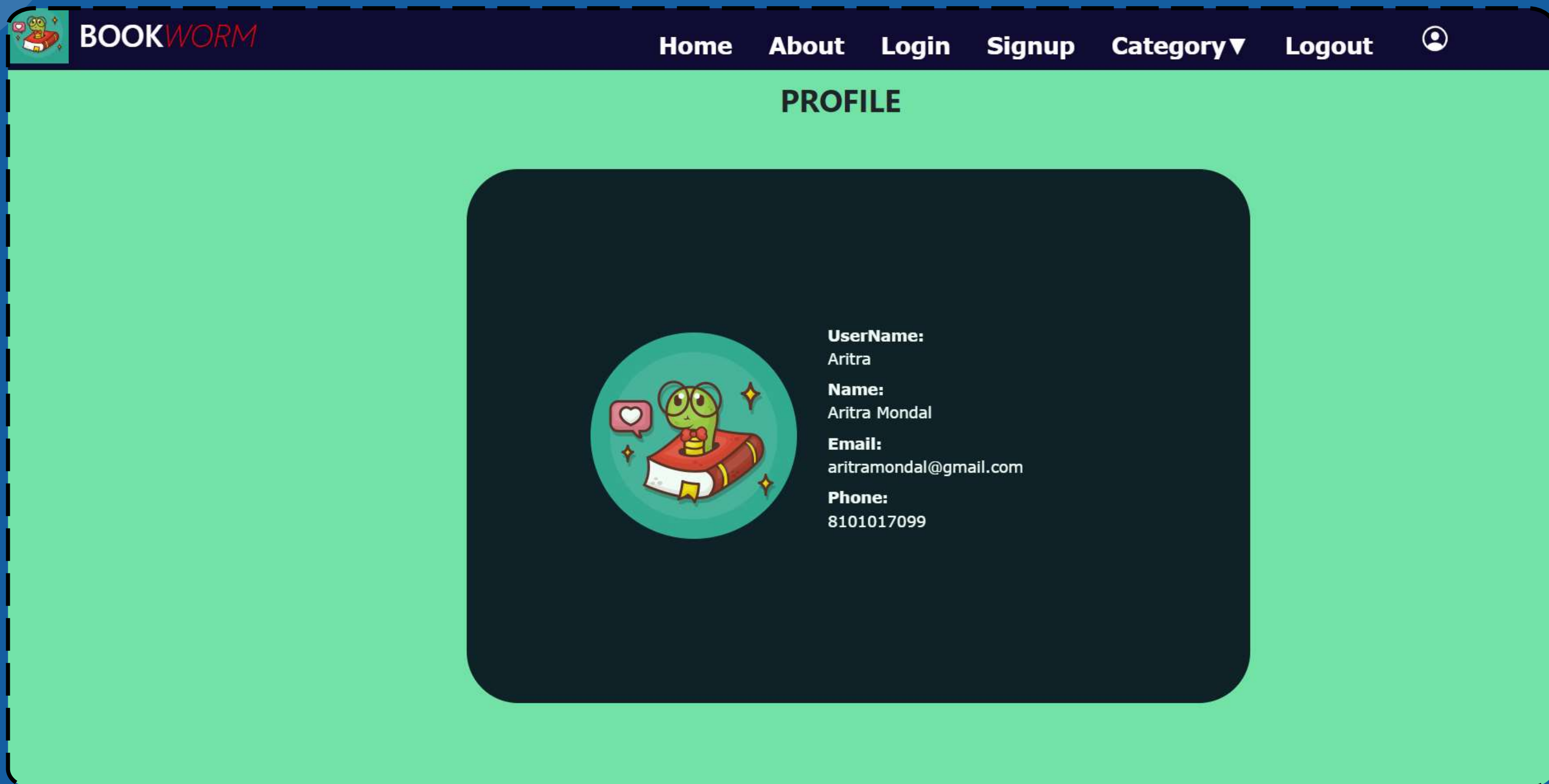
[Sign Up](#)

[Forget password](#)







# USER PROFILE PAGE

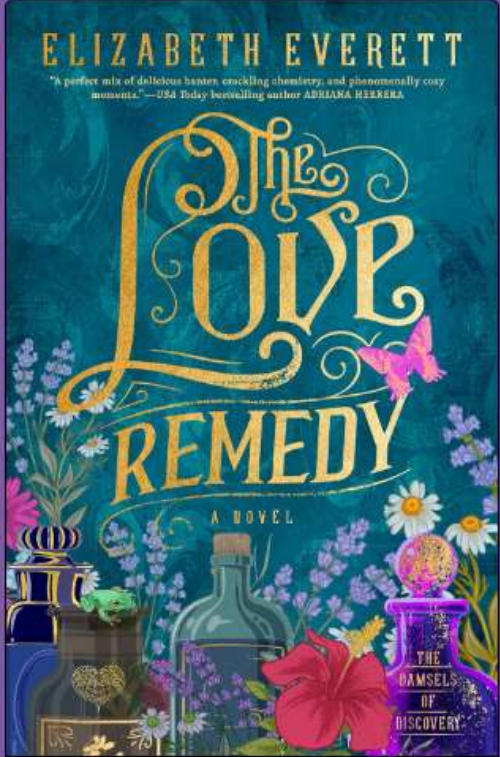




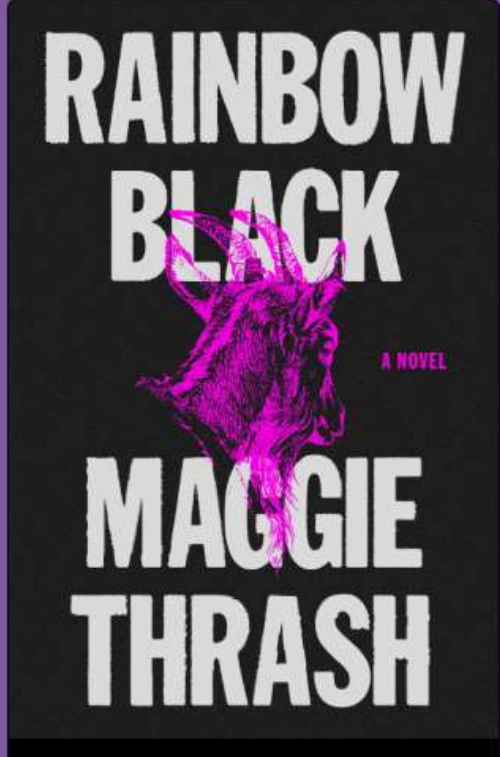
# BOOKS CATEGORY PAGE

 **BOOKWORM**

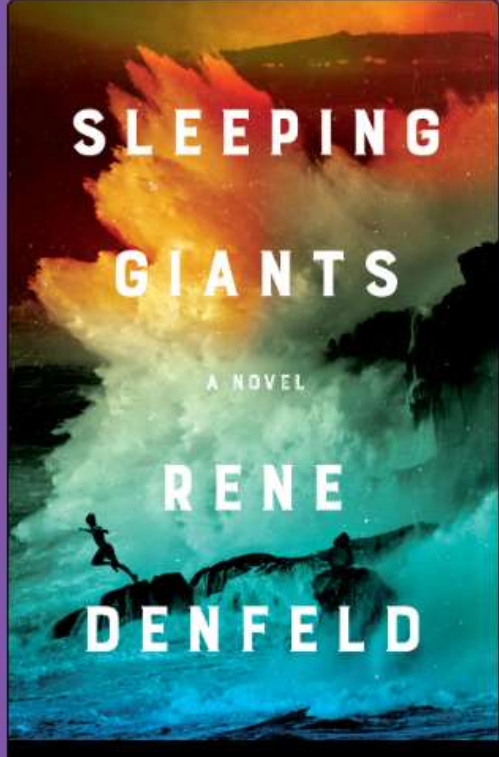
[Home](#) [About](#) [Login](#) [Signup](#) [Category▼](#) [Logout](#) 



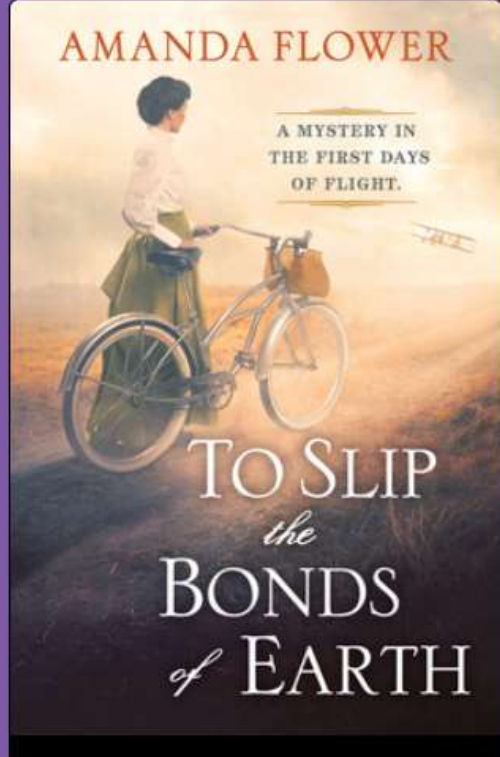
Book Code: 71  
Author: Elizabeth Everett




Book Code: 72  
Author: Maggie Thrash  
Title: Rainbow Black




Book Code: 73  
Author: Rene Denfeld  
Title: Sleeping Giants



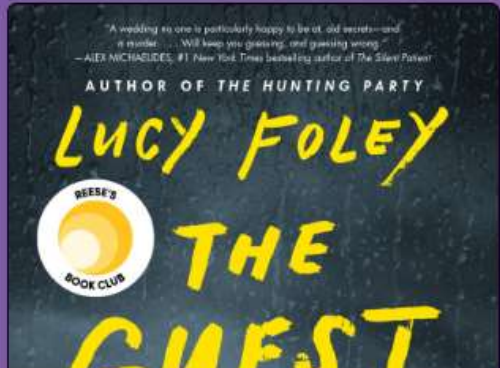
Book Code: 74  
Author: Amanda Flower  
Title: To Slip the Bonds of




Book Code: 75  
Author: Ginny Myers Sain  
Title: One Last Breath



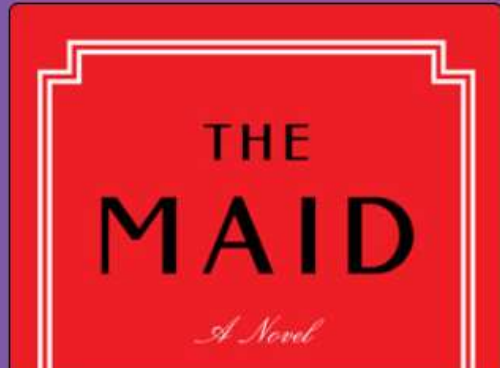
This perfect home has one rule.  
Don't look behind closed doors...



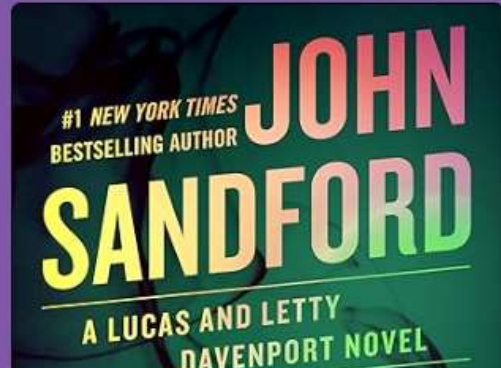
THE GUEST



Good Girl,



THE MAID  
*A Novel*



#1 NEW YORK TIMES  
BESTSELLING AUTHOR  
**JOHN SANDFORD**  
A LUCAS AND LETTY  
DAVENPORT NOVEL



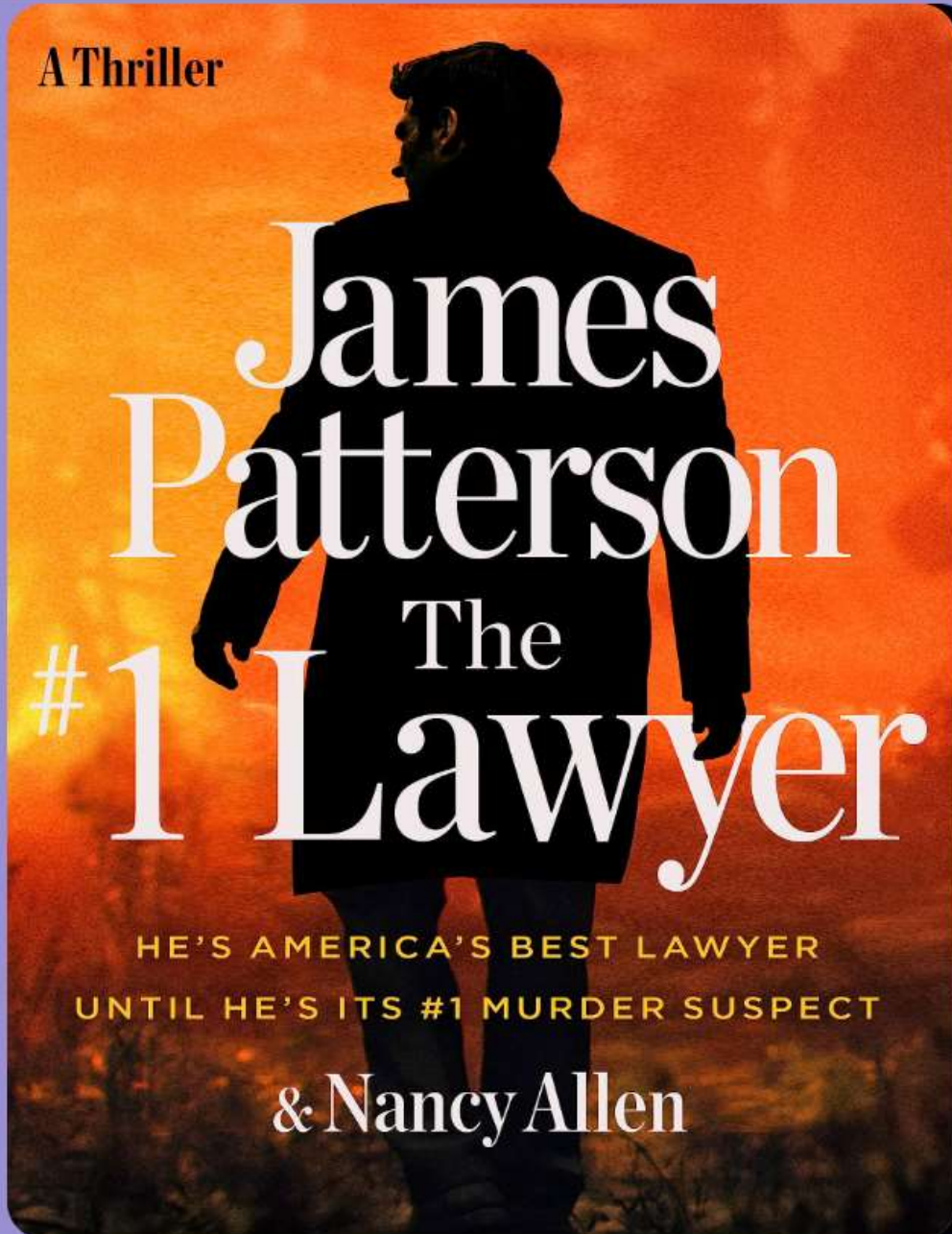
# BOOK DETAILS PAGE



BOOKWORM

[Home](#)[About](#)[Login](#)[Signup](#)[Category▼](#)[Logout](#)

A Thriller



## The #1 Lawyer

Author : James Patterson , Nancy Allen

Price: 398.37 Rs.

Books are steadfast companions that offer solace, wisdom, and companionship. They provide a sanctuary from the chaos of daily life, offering refuge in their pages. Through characters and narratives, books offer empathy, understanding, and connection, resonating with readers on a deeply personal level. Moreover, they are timeless sources of knowledge and inspiration, guiding readers through life's challenges and triumphs. In essence, books stand as loyal friends, ever-ready to accompany and enrich the lives of those who embrace them. Reading books offers numerous advantages, including cognitive stimulation, stress reduction, and the expansion of knowledge and perspective. Engaging with written material enhances critical thinking skills, boosts vocabulary, and improves memory retention. Furthermore, books serve as a gateway to different cultures, ideas, and experiences, fostering empathy and understanding. Whether for pleasure or learning, the act of reading promotes mental agility and emotional well-being, making it an invaluable pursuit in any individual's life.

Published by: Little, Brown and Company

Books Available : 14

Add to cart




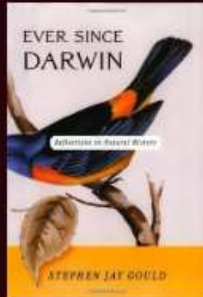

# CART



BOOKWORM

[Home](#) [About](#) [Login](#) [Signup](#)

## YOUR CART

BookID	Title	Price	Image	Quantity	Operations
43	A Brief History of Time	357.64		1	<a href="#">Add More</a>   <a href="#">Remove</a>
33	Ever Since Darwin: Reflections in Natural History	365.42		1	<a href="#">Add More</a>   <a href="#">Remove</a>
75	One Last Breath	395.27		1	<a href="#">Add More</a>   <a href="#">Remove</a>

# ADMIN LOGIN PAGE



BOOKWORM

[Home](#)

[About](#)

[Admin](#)

[Login](#)

[Signup](#)

## ADMIN LOGIN

Enter your Email



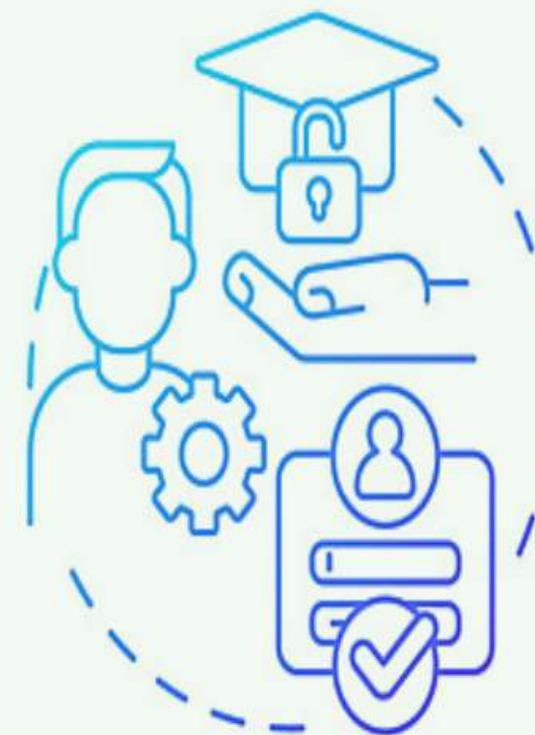
Enter your password



LOGIN

[Sign up](#)

[Forget password](#)



ADMIN LOGIN

# ADMIN DASHBOARD





# ADD BOOK FOR ADMIN



BOOKWORM

[Home](#)[About](#)[Login](#)[Signup](#)[Category▼](#)[Logout](#)

## ADD MYSTERY BOOKS

Book ID

Title

Price

Stock

Writer

Publisher

Image

Choose File

No file chosen

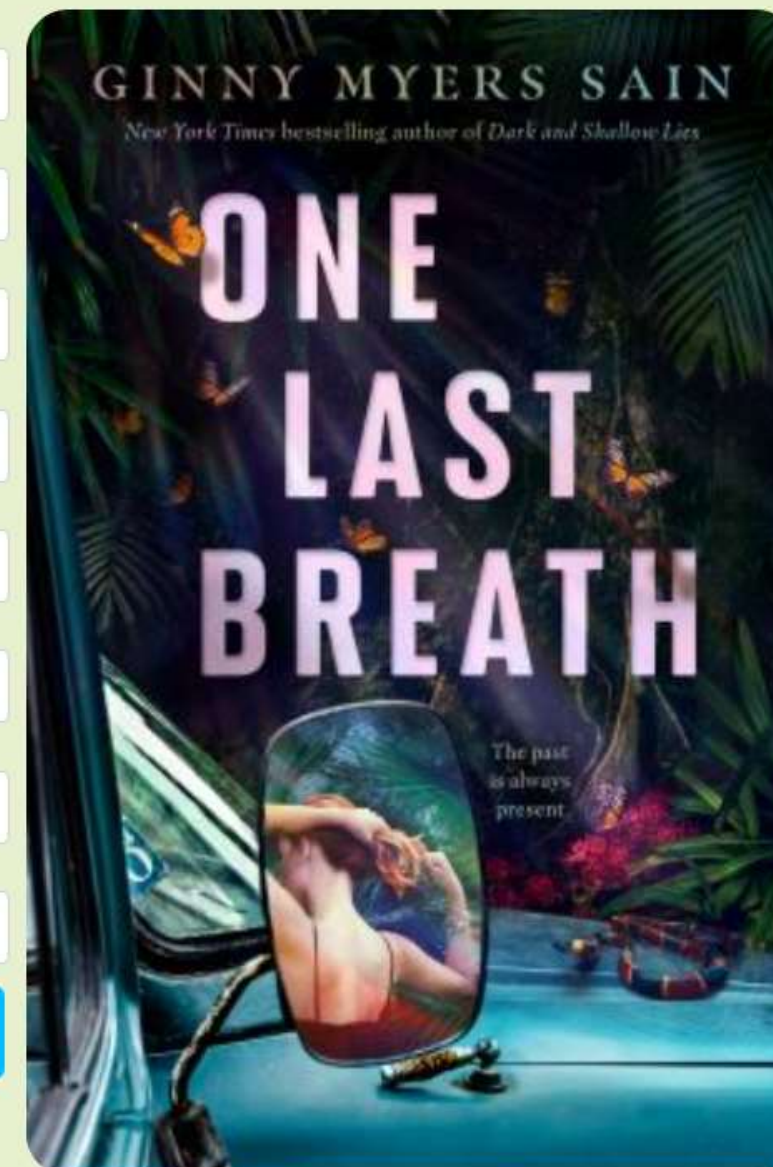
PDF

Choose File

No file chosen

ADD

[VIEWBOOKS](#)



# VIEW BOOK FOR ADMIN

BOOKWORM							
Home About Login Signup							
SCIENCE BOOKS							
BookID	Image	Title	Author	Price	Publisher	Availability	
31		Origins: Fourteen Billion Years of Cosmic Evolution	Neil deGrasse Tyson , Donald Goldsmith	499.35	W. W. Norton & Company	15	<a href="#">Remove</a>
32		Parallel Worlds: A Journey through Creation, Higher Dimensions, and the Future of the Cosmos	Michio Kaku	529.34	Anchor	25	<a href="#">Remove</a>
33		Ever Since Darwin: Reflections in Natural History	Stephen Jay Gould	365.42	W. W. Norton & Company	20	<a href="#">Remove</a>
34		Co-Intelligence	Ethan Mollick	254.14	Portfolio	40	<a href="#">Remove</a>



# Importance Of E-Book Website

## One device, Many books

eBooks are lightweight and portable, making them convenient to carry about. One eBook reader may contain thousands of eBooks, saving you the trouble of hauling around several heavy books. It greatly reduces the amount of space in your house and bag. You can read any number of books on a single device.

## Accessible Everywhere

You may download and store eBooks for later use. The eBooks are portable, so readers may read them whenever they choose. For those who are always on the run, it is convenient. Some eReaders can be used offline, so users don't need an internet connection to utilize them.

## Easy Updates

Since the majority of the eBooks' material is cloud-based, it is always subject to change. In order to give readers access to the most recent digital content, authors and publishers may always upload the most recent information. This reduces the time and expense of having to reproduce the document.

## Shareable Content

The eBook's contents are available for sharing with other users. Unlike traditional books, which do not allow for content sharing or like, ebooks have social features. A traditional book can only be shared with one person at a time, whereas an eBook may be shared with several people simultaneously.


# CONCLUSION

In conclusion, our book website aims to cater to all readers, providing them with a seamless experience to explore and enjoy a wide range of genres. Whether they prefer the convenience of reading online or the tactile experience of holding a physical book, our platform offers both options. With a diverse selection of titles, we strive to connect readers with stories that captivate, educate, and inspire. Our commitment to accessibility and choice ensures that every reader can find something they love on our platform. Join us in embarking on literary journeys that ignite the imagination and enrich the soul. Happy reading!

# **FUTURE SCOPE AND FUTURE ENHANCEMENT**

In future we would like to keep working on this project and make new additions to provide users with more advanced features and more detailed information. We have set our sights on the following additions in future:-

- Implementing a Payment API.
- Adding the pdf for the users to download the softcopy of the book they have purchased.
- Adding a wishlist feature for the users.
- Select a quantity for the books the users have added in their cart for ordering



*THANK you*