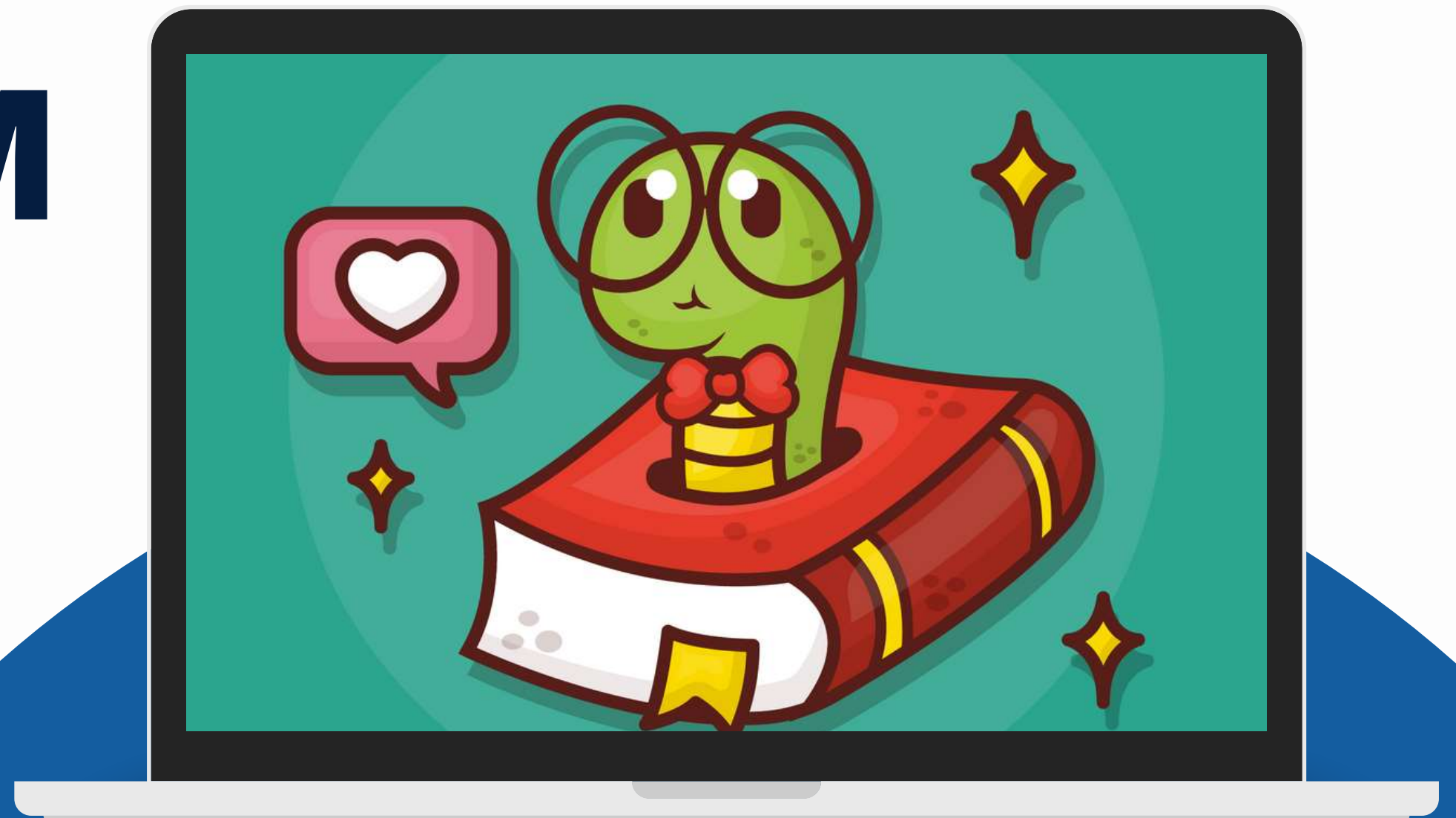




BOOKWORM

By: Aritra Mondal
Roll: 34200121059





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

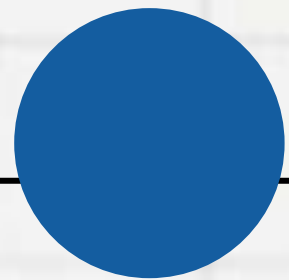
Competition, Technology infrastructure, Discoverability and Diverse content offering.

04

Success Factors

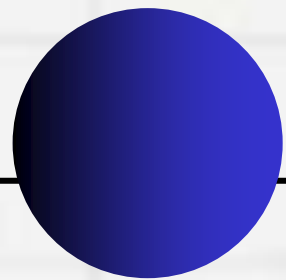
Content curation, easy-to-use platform and Customer service.

Technology Stack



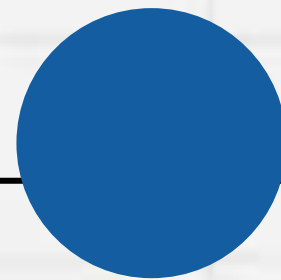
01 Frontend

Html, CSS, Java Script for the frontend development .



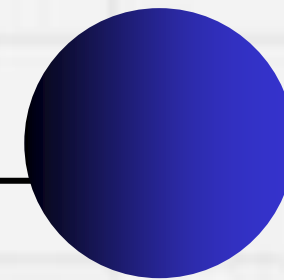
02 Backend

ASP .NET Framework, C#



03 Database

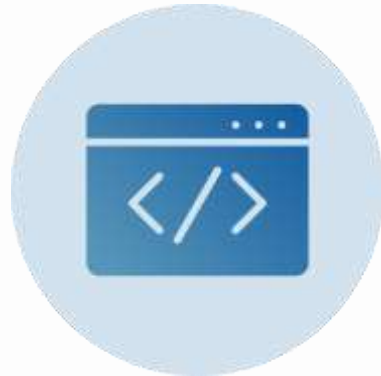
Microsoft SQL Server



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

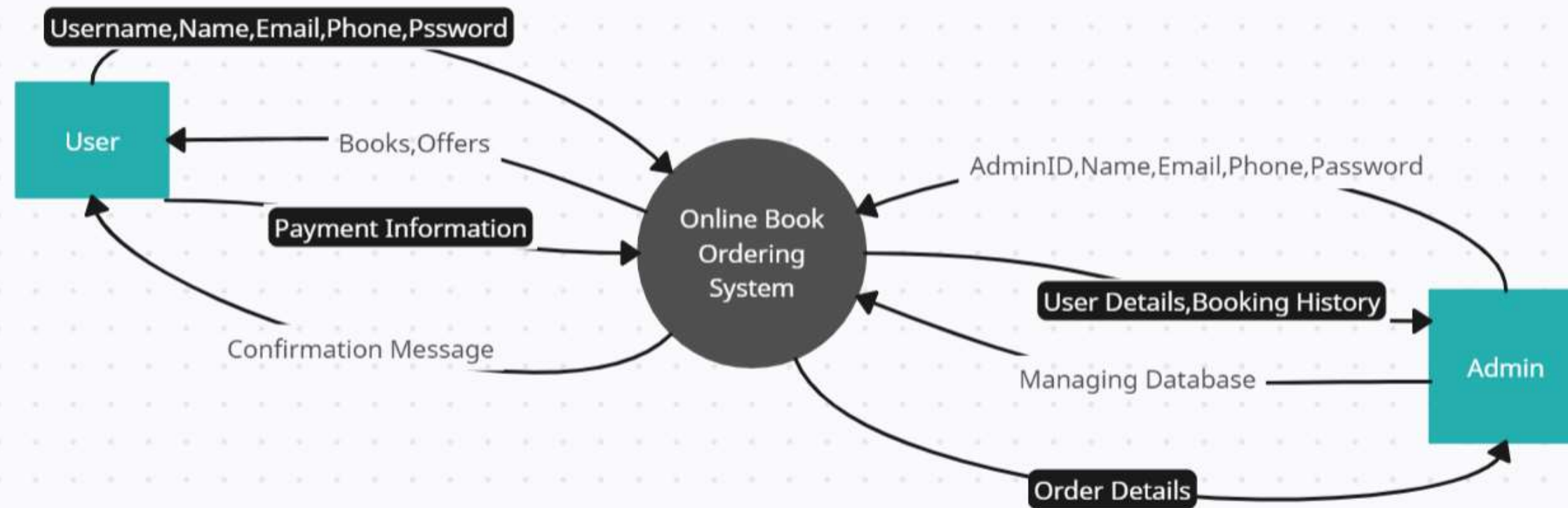
Ensures compatibility across various devices and screen sizes, allowing users to access the system seamlessly from desktops, smartphones and tablets.



Feedback Mechanism

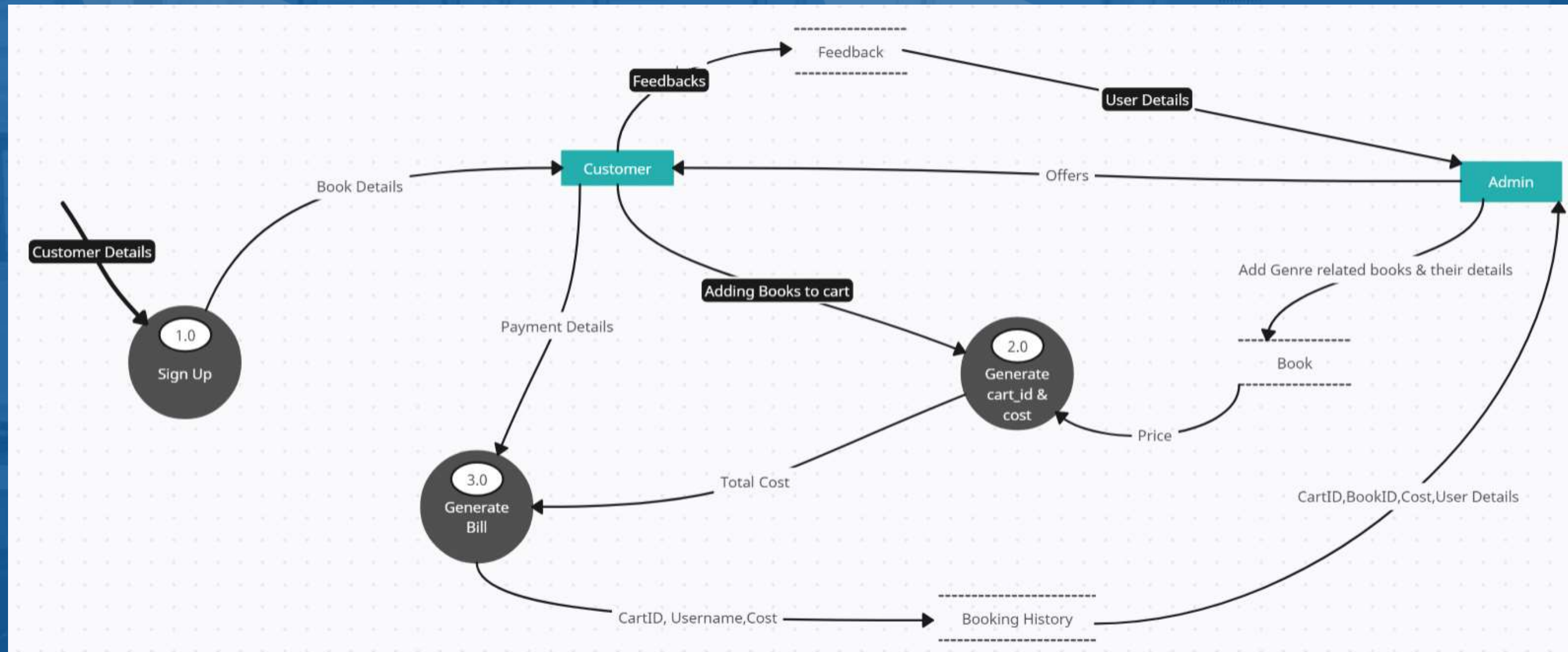
Implemented feedback mechanism to gather user suggestions and improve the system continuously based on the users feedback.

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.

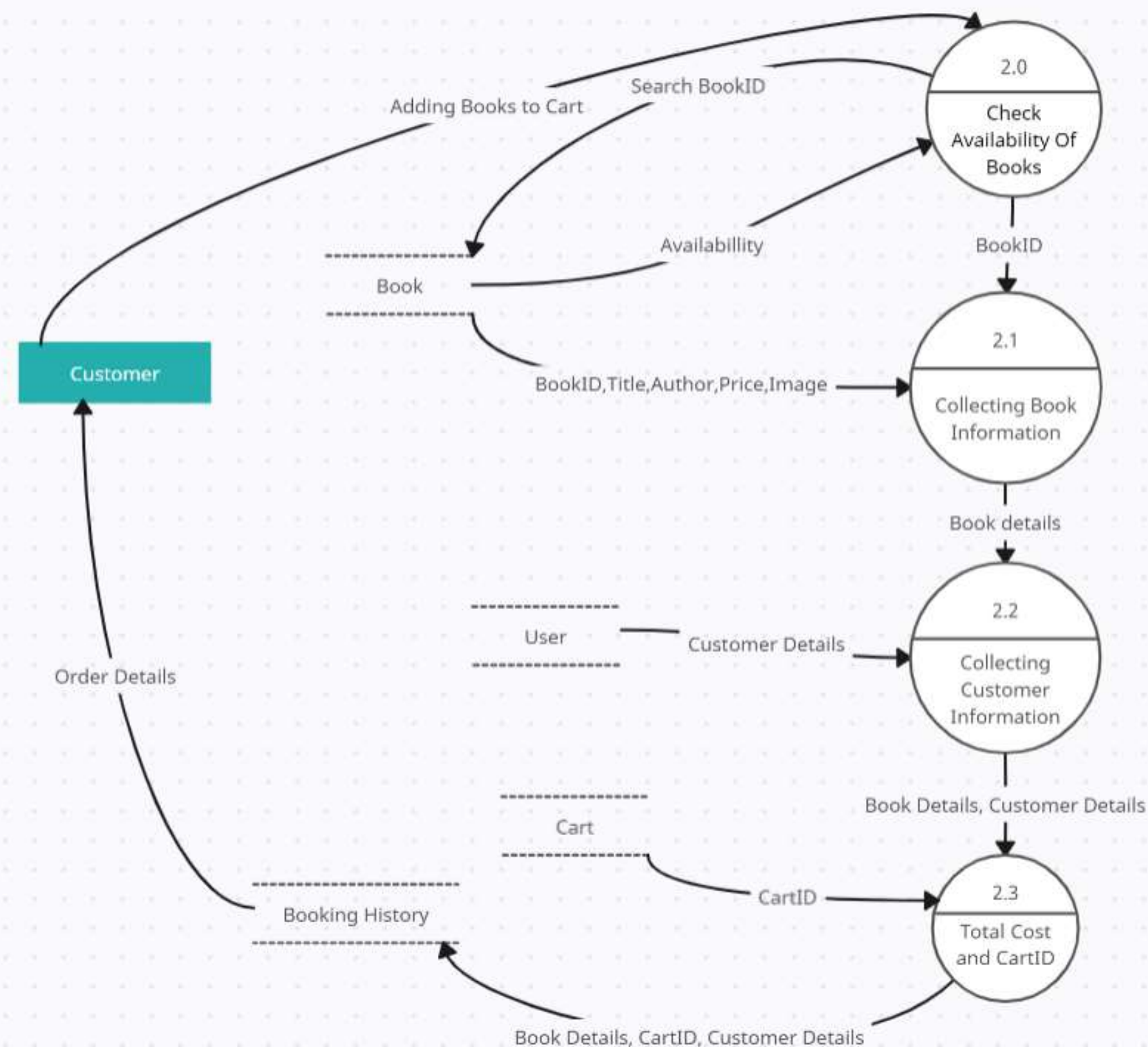
DFD LEVEL 1



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.

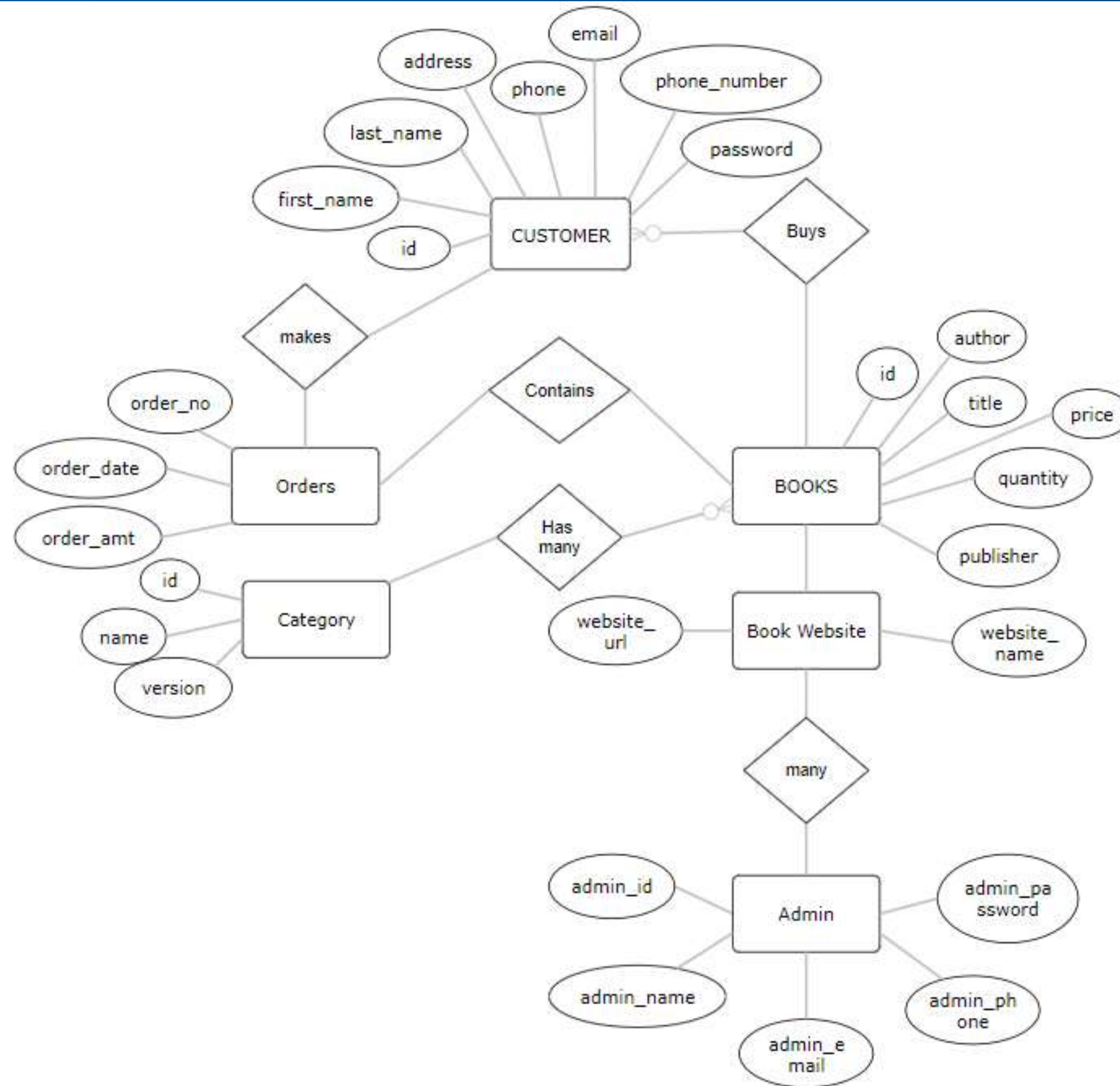
DFD LEVEL 2



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

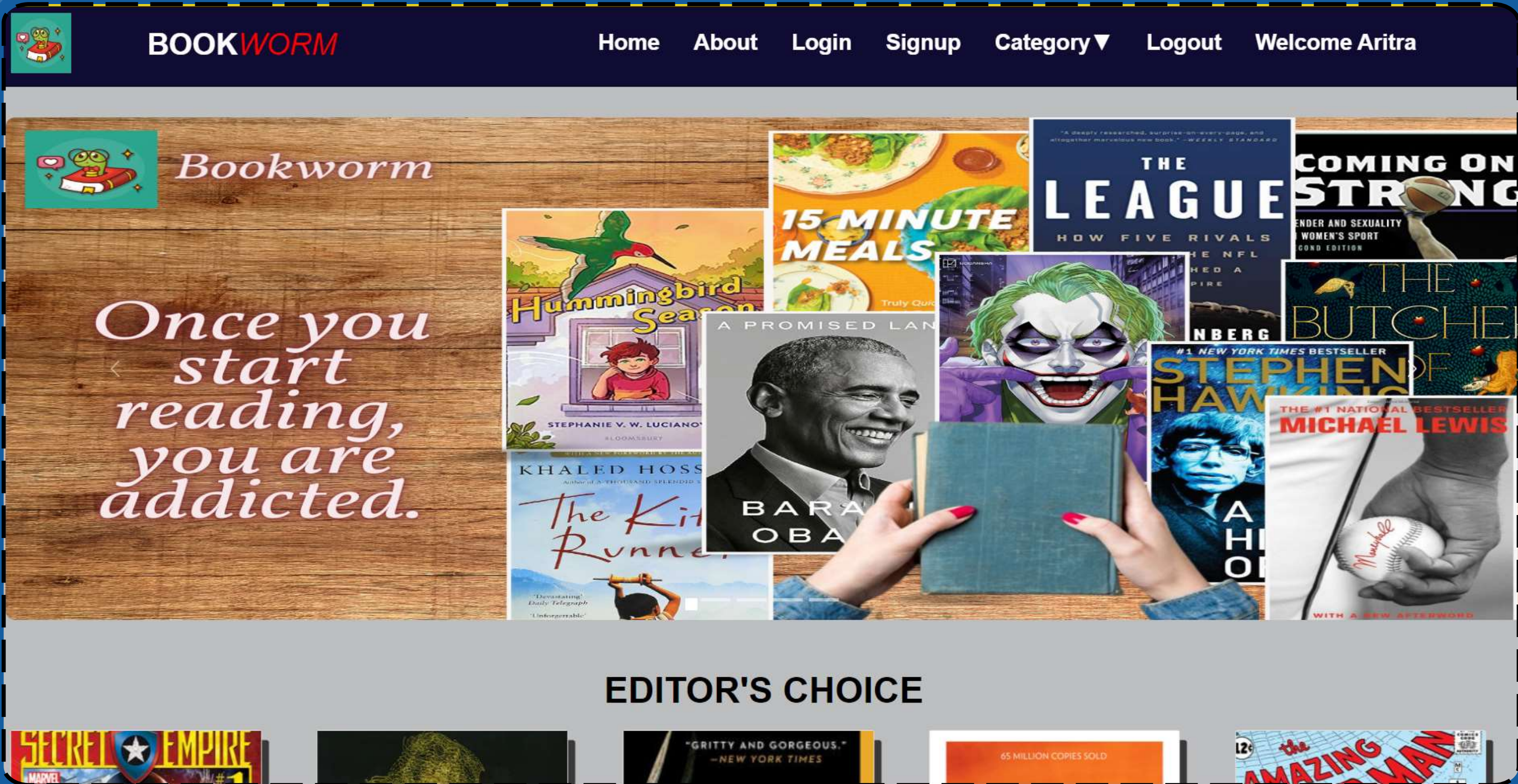
	Column_name	Type	Computed	Length	Prec	Scale	Nullable
1	UserName	varchar	no	50			no
2	Name	varchar	no	50			no
3	Email	varchar	no	50			no
4	Phone	varchar	no	50			no
5	Password	varchar	no	50			no

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

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LOGIN

Enter your User name

Enter your Email

Enter your password

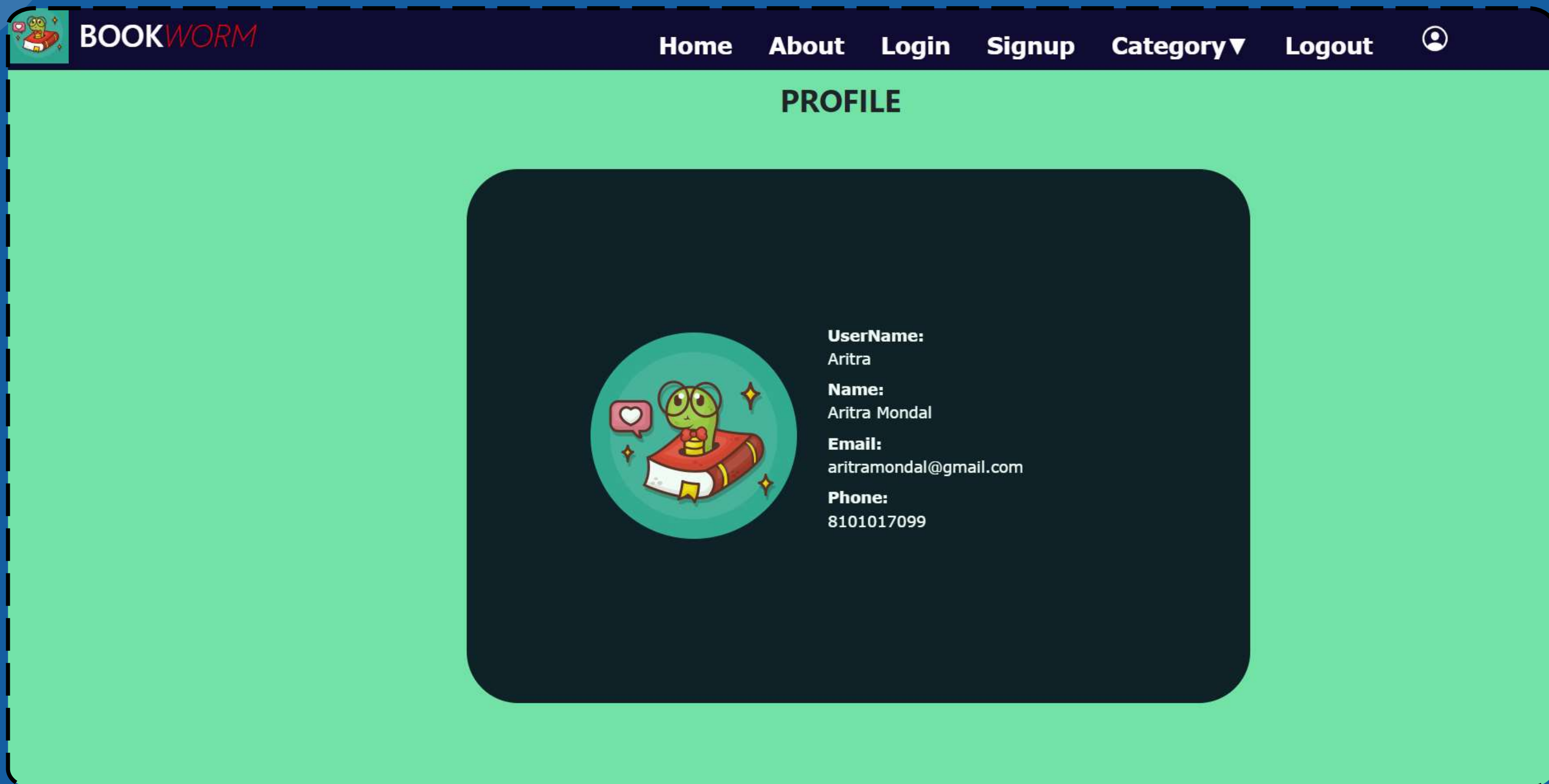
LOGIN

[Sign Up](#)


[Forget password](#)




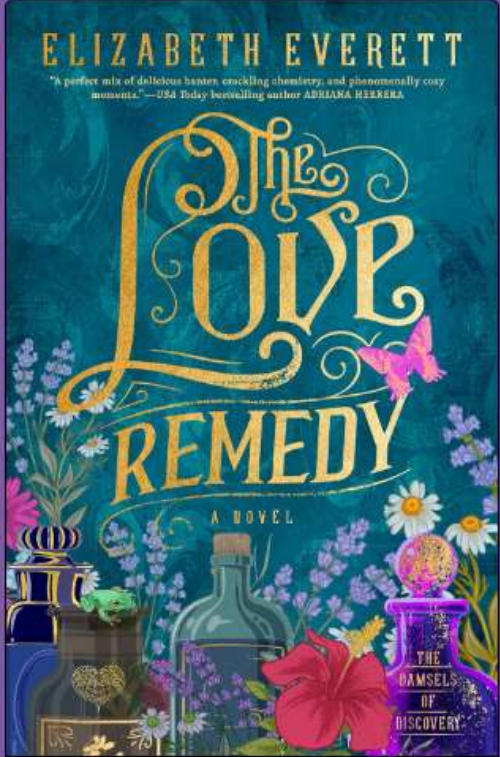
USER PROFILE PAGE



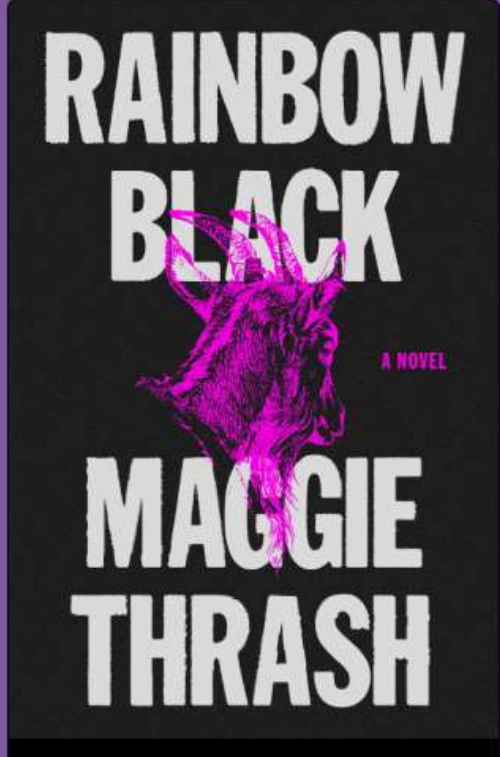
BOOKS CATEGORY PAGE

 **BOOKWORM**

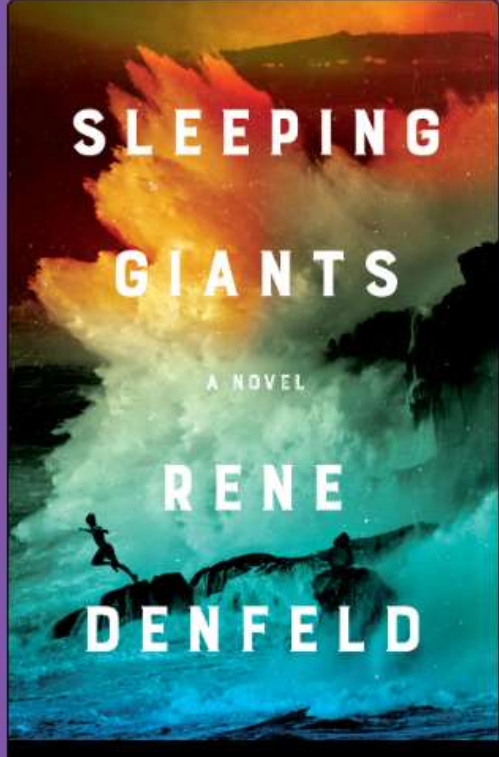
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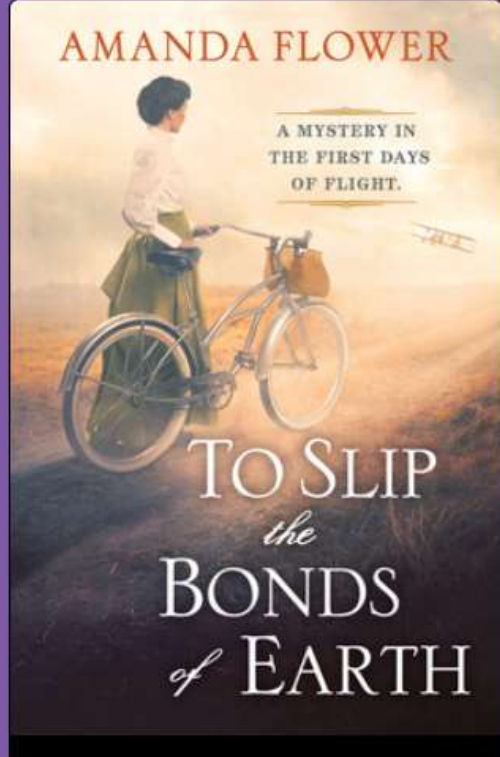
Book Code: 71
Author: Elizabeth Everett




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




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



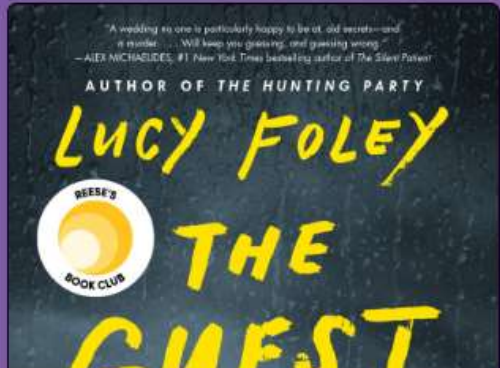
Book Code: 74
Author: Amanda Flower
Title: To Slip the Bonds of



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



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




A wedding is one to particularly happy to be at, and sometimes
a murder. —ALIE MICHAELIS, #1 New York Times bestselling author of The Silent Patient

AUTHOR OF THE HUNTING PARTY

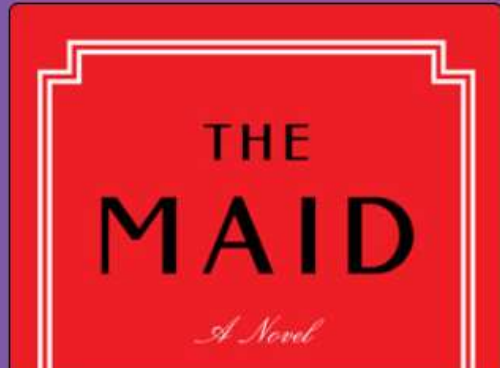
LUCY FOLEY

THE GUEST

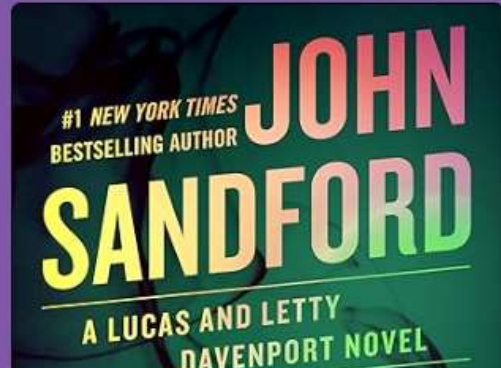
BOOK CLUB



Good Girl,



THE MAID
A Novel



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

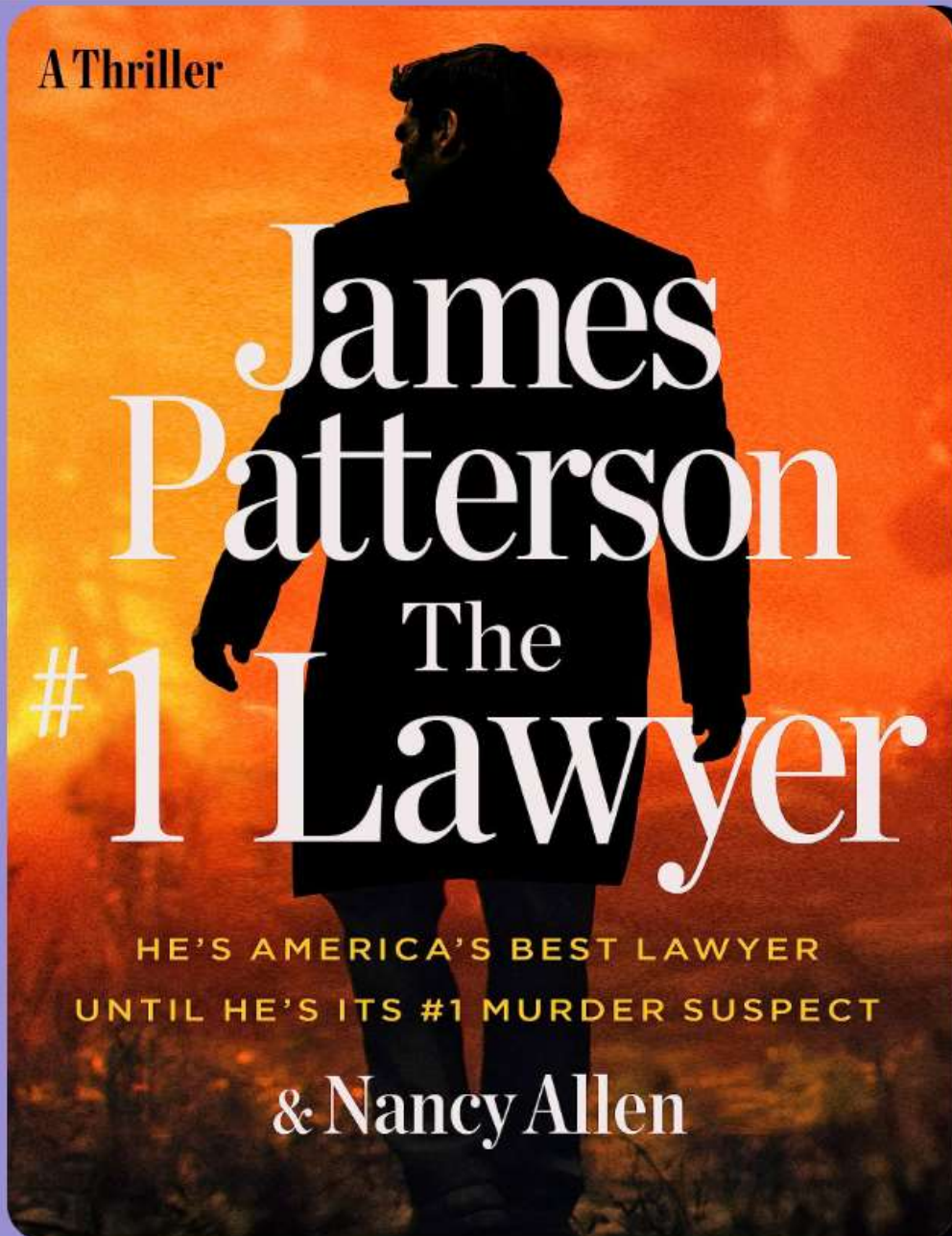
BOOK DETAILS PAGE



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A Thriller



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Author : James Patterson , Nancy Allen

Price: 398.37 Rs.

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Published by: Little, Brown and Company

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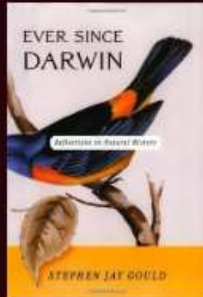

CART



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YOUR CART

BookID	Title	Price	Image	Quantity	Operations
43	A Brief History of Time	357.64		1	Add More Remove
33	Ever Since Darwin: Reflections in Natural History	365.42		1	Add More Remove
75	One Last Breath	395.27		1	Add More Remove

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ADD MYSTERY BOOKS

Book ID

Title

Price

Stock

Writer

Publisher

Image

Choose File

No file chosen

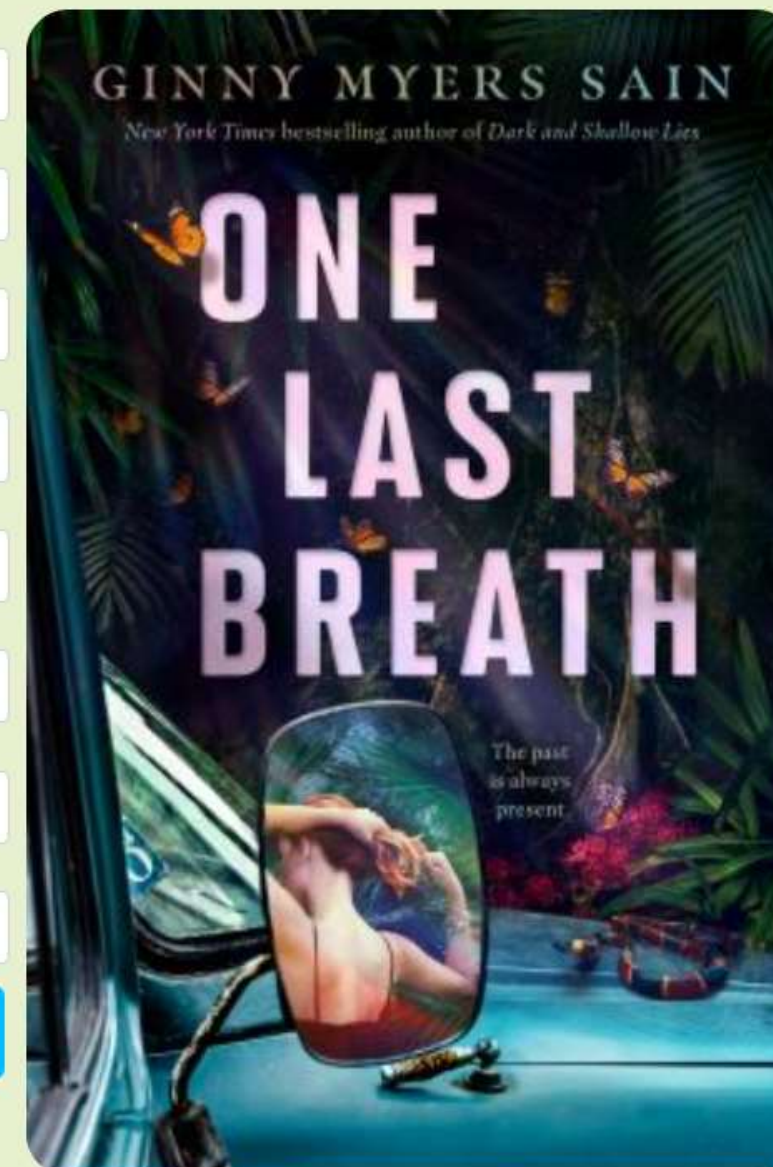
PDF

Choose File

No file chosen

ADD

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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	Remove
32		Parallel Worlds: A Journey through Creation, Higher Dimensions, and the Future of the Cosmos	Michio Kaku	529.34	Anchor	25	Remove
33		Ever Since Darwin: Reflections in Natural History	Stephen Jay Gould	365.42	W. W. Norton & Company	20	Remove
34		Co-Intelligence	Ethan Mollick	254.14	Portfolio	40	Remove

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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

CONCLUSION

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