VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590014, Karnataka, INDIA

MINI PROJECT REPORT

ON

"Book Planet – An Online Book Store"

Subject: DBMS Laboratory (15CSL58)

Bachelor Of Engineering (Information Science & Enginnering)

2018-19

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Hunsumaranhalli, Bangalore-562157

CERTIFICATE

It is certified that the project work entitled " **BOOK PLANET - AN ONLINE BOOK STORE**" is a bonafide work carried out by **Deep Narayan Tandan** (1MV17IS018) **& Pankaj Kumar Bhati** (1MV17IS035) in partial fulfillment for the requirements of DBMS mini project for the V semester curriculum Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2019-2020 .

It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the course of Bachelor of Engineering.

Name & Signature of Guide

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Bangalore - 562157

External Examination:

Name of the Examiners Signature with Date

1)

2)

ACKNOWLEDGMENT

It gives us immense pleasure to express our sincere gratitude to the management of **Sir M. Visvesvaraya Institute of Technology,** Bangalore for providing the opportunity and the resources to accomplish our project work on their premises.

On the path of learning, the presence of an experienced guide is indispensable and we would like to thank our guide **Mrs. Shanta Biradar,** Assistant Professor, Department of Information Science & Engineering, for her invaluable help and guidance.

We would also like to convey our regards and sincere thanks to **Dr. P. Vijayakarthik,** HOD, Department of Information Science & Engineering for his suggestions, constant support, and encouragement. Heartfelt and sincere thanks to **Dr. V.R. Manjunath,** Principal, Sir M. Visvesvaraya Institute Of Technology for providing us with the infrastructure and facilities needed to develop our project.

We would also like to thank the staff of the Department of Information Science and Engineering and lab-in-charges for their co-operation and suggestions. Finally, we would like to thank all our friends for their help and suggestions without which completing this project would not have been possible.

DECLARATION

We hereby declare that the entire mini project work embodied in this dissertation has been carried out by us and no part has been submitted for any degree or diploma of any institution previously.

Place: Bangalore

Date:

SIGNATURE OF STUDENTS:

Deep Narayan Tandan
(1MV17IS018)

Pankaj Kumar Bhati
(1MV17IS053)

ABSTRACT

The purpose of the **BOOK PLANET - AN ONLINE BOOK STORE** is to automate the purchase of books of the existing manual system with the help of computerized equipment and full-fledged computer web based application, fulfilling their requirements so that their valuable data information can be stored for a longer period with easy accessing and manipulation of the same. The required web application and hardware are easily available and easy to work with.

BOOK PLANET - AN ONLINE BOOK STORE, as described above, is designed in such a way that user can easiy purchase any book online available in in the inventory and get an electronic receipt with SMS and email notification regarding details of the purchase and also we provide the facility of shipment of the book to doorstep. Users can pay online through debit or credit cards easily with our secured transaction methods.

BOOK PLANET - AN ONLINE BOOK STORE, as described above, can lead to error free, secure, reliable and fast book purchasing systems. It can assist the owner to concentrate on their other activities rather concentrate on record keeping. Thus, it will help the organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant while being able to reach the information.

The aim is to automate its existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically, the project describes how to manage for good performance and better services for the clients.

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INTRODUCTION

The " **BOOK PLANET - AN ONLINE BOOK STORE** " has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, all it proves is a user-friendly **BOOK PLANET**, as described above, can lead to error free, secure, reliable and fast management systems. It can assist the user to concentrate on their other activities rather concentrate on record keeping. Thus it will help the organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and manage the information of Stock, Books, Order, Bill, Payment. Every BOOK PLANET has different Book needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements.

This is designed to assist in strategic planning and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executives who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

MAIN OBJECTIVES

The main objective of the Project on **BOOK PLANET - AN ONLINE BOOK STORE** is to manage the details of Books, Stock, Customer, Order, Payment manages all the information about Books, Bill, Payment, Books. The project is totally built at the administrative end and thus only the administrator is guaranteed access. The purpose of the project is to build an application program to reduce the manual work for managing the Books, Stock, Bill, Customer. It tracks all the details about the Customer, Order, Payment.

FUNCTIONALITIES PROVIDED BY BOOK PLANET ARE AS FOLLOWS

- It provides search facilities based on various factors. Such as Books, Customer, Order, Payments.
- BOOK PLANET also manages the Bill details online for Order details, Payment details, book inventory.
- It also tracks all the information of Stock, Bill, Order, etc
- Manage the information of Stock, shows the information and description of the Books, Customer on the board and others.
- To increase the efficiency of managing the Books, Stock
- It deals with monitoring the information and transactions of Order, manage the information of books.
- Editing, adding and updating Records is improved which results in proper resource management of Book data.
- Manage the information of Orders purchased through the web application.

SCOPE OF THE PROIECT BOOK PLANET

It may help in collecting perfect management in detail. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passing year perfectly and vividly. It also helps in current all works relative to the BOOK PLANET. t will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of **BOOK PLANET - AN ONLINE BOOK STORE**.

- In a computer system, the person has to fill he various forms & number of copies of the forms that can be easily generated at a time.
- In a computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To utilize resources in an efficient manner by increasing their productivity through automation
- To assist the staff in capturing the effort spent on their respective working areas.
- The system generates types of information that can be used for various purposes
- It satisfies the user requirements of hasel free and amazing customer experience.
- Be easy to understand by the user and operator and be easy to operate.
- Have a good user interface and expandable
- Delivered on schedule within the budget with our courier partner option.

Reports of Book Planet - An Online Book Store

- It generates the report on Books, Stock, Bill
- Provide filter reports on Customer, Order, Payment
- You can easily export PDF for the Books, Bill, Order
- Applicaton also provides excel export for Stock, Customer, Payment
- You can also export the report into csv format for Books, Stock, Payment

Modules of Book Planet - An Online Book Store

- Books Management Module: Used for managing the book details.
- Payment Module: Used for managing the details of Payment
- Bill Module: Used for managing the details of Bill
- Stock Management Module: Used for managing the information and details of the Stock.
- Customer Module Used for managing the Customer details
- Order Module Used for managing the Order information
- Login Module: Used for managing the login details
- Users Module: Used for managing the users of the system
- Admin Module: Used for showing realtime data for admin from the backend database.

FEATURES OF THE PROJECT BOOK PLANET - AN ONLINE BOOK STORE

- Product and Component based
- Creating & Changing Issues at ease
- Query Issue List to any depth
- Reporting & Charting in a more comprehensive way
- User Accounts to control the access and maintain security
- Simple Status & Resolutions
- Multi-level Priorities & Severities.
- Targets & Milestones for guiding the programmers
- Attachments & Additional Comments for more information
- Robust database back-end
- Various level of reports available with a lot of filter criteria's
- It contains a better storage capacity.
- Accuracy in work.
- Easy & fast retrieval of information
- Well designed reports.
- Decrease the load of the person involves in the existing manual system.
- Access to any information individually.
- Work becomes very speedy.
- Easy to update information

SOFTWARE SPECIFICATIONS

Name of component	Specification
1. Operating System	Windows & Linux
2. Language	PHP, JavaScript, HTML, CSS
3. Database	MySQL
4. Browser	Google Chrome, Mozilla Firefox
5. Web server	Xampp (PHPMyAdmin)
6. Software development kit	Bootstrap and VueJS

HARDWARE SPECIFICATIONS

Name of component	Specification
1. Processor	i5 7^{th} gen and above
2. Ram	Minimum 1GB
3. Hard Disk	40GB and above
4. Monitor	15" color monitor
5. Keyboard	122 keys

TABLES AND DATATYPES

sub_cat

Column	Type
subcat_id *(Primary)*	int(4)
scat_id	int(4)
subcat_name	varchar(30)

contact

Column	Type
cont_id *(Primary)*	int(4)
cont_name	varchar(50)
cont_email	varchar(30)
query	varchar(200)

category

Column	Type
cat_id *(Primary)*	int(4)
cat_name	varchar(30)

user

Column	Type
user_id *(Primary)*	int(4)
user_fname	varchar(50)
user_lname	varchar(50)
user_pw	varchar(50)
user_email	varchar(50)

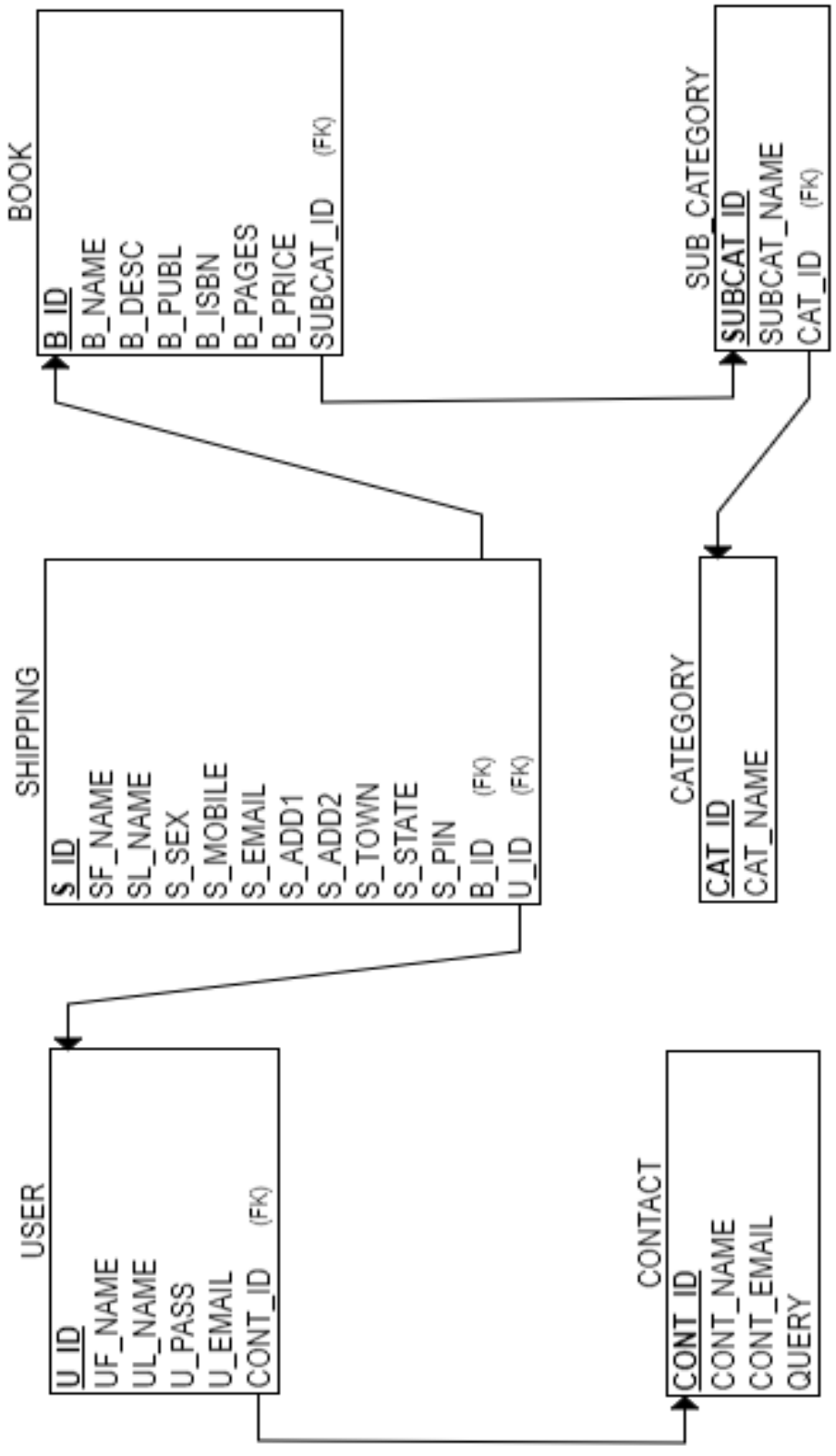
shipping

Column	Type
sid *(Primary)*	int(4)
b_id	int(4)
u_id	int(4)
sf_name	varchar(50)
sl_name	varchar(50)
ssex	varchar(200)
smobile	varchar(200)
semail	varchar(200)
saddress1	varchar(600)
saddress2	varchar(600)
stown	varchar(50)
sstate	varchar(60)
spin	int(6)

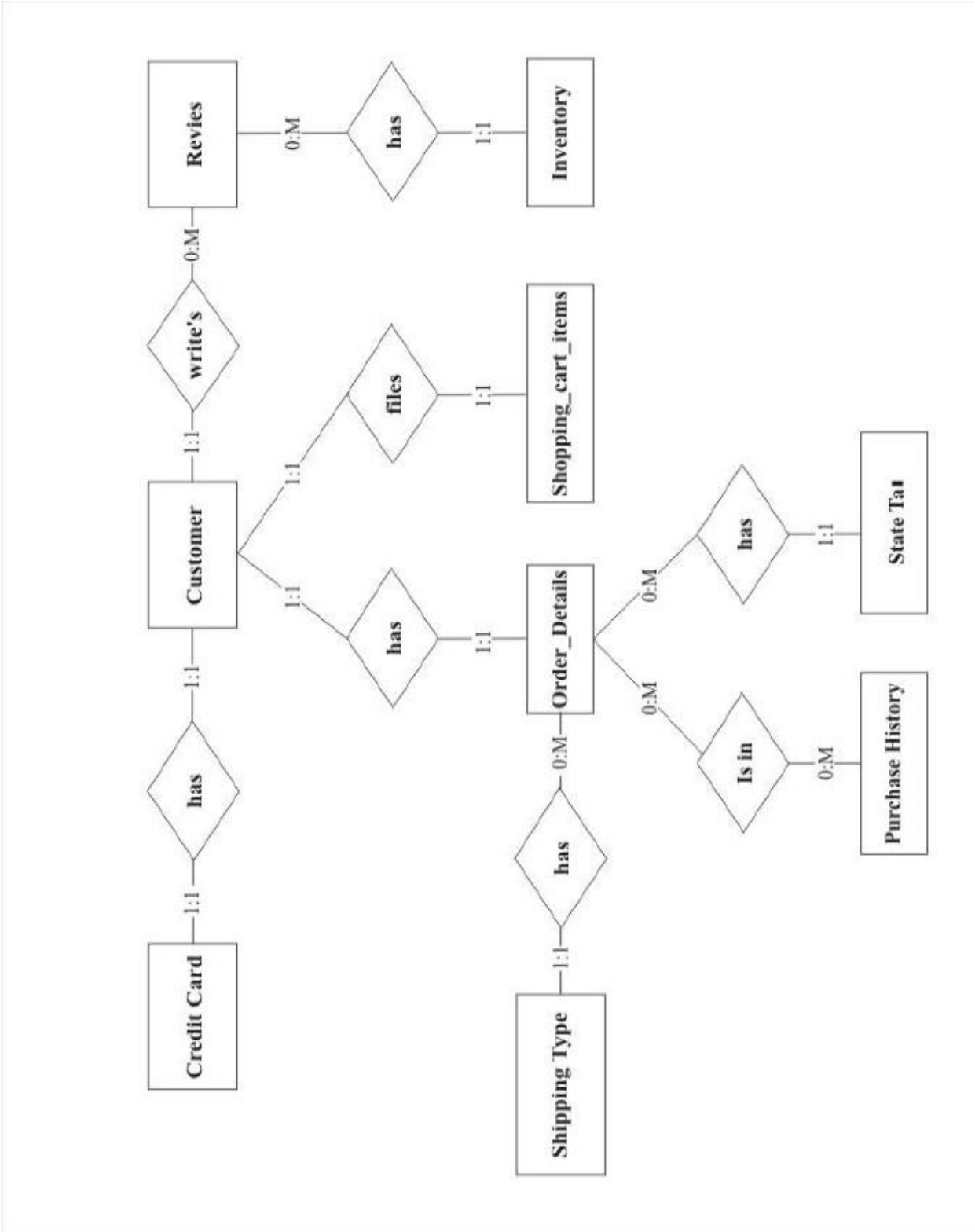
book

Column	Type
book_id *(Primary)*	int(4)
book_name	varchar(60)
book_subcat	int(4)
book_desc	varchar(400)
book_publ	varchar(50)
book_isbn	int(11)
book_pages	int(4)
book_price	int(8)

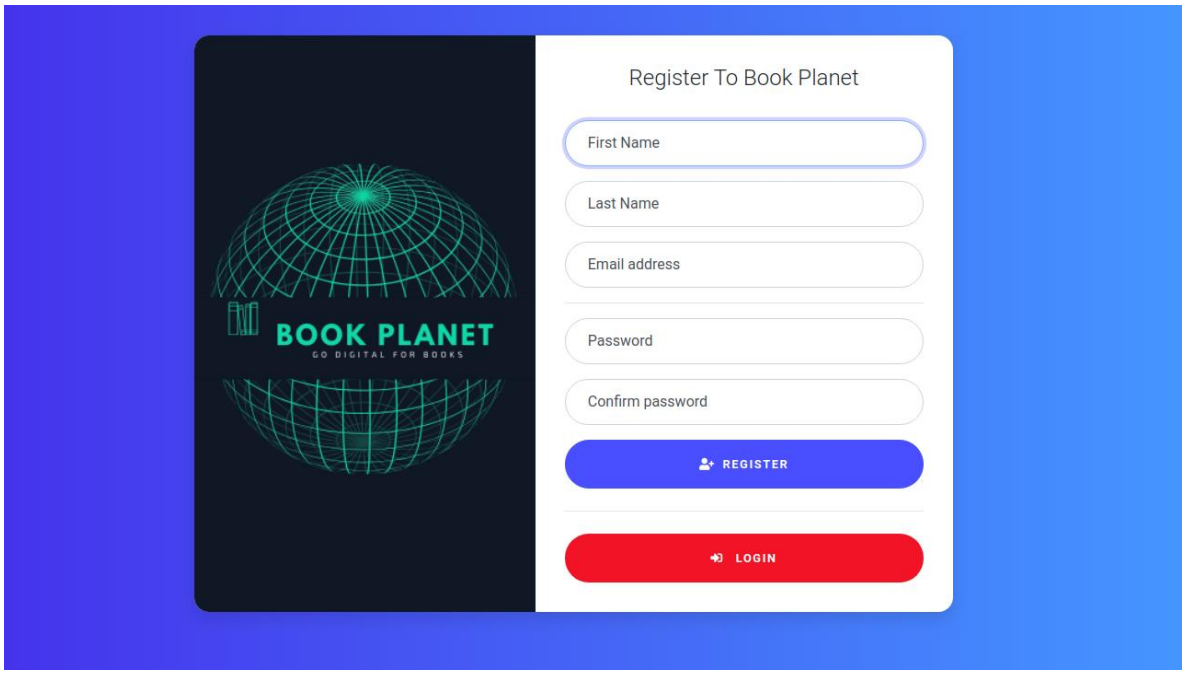
SCHEMA DIAGRAM

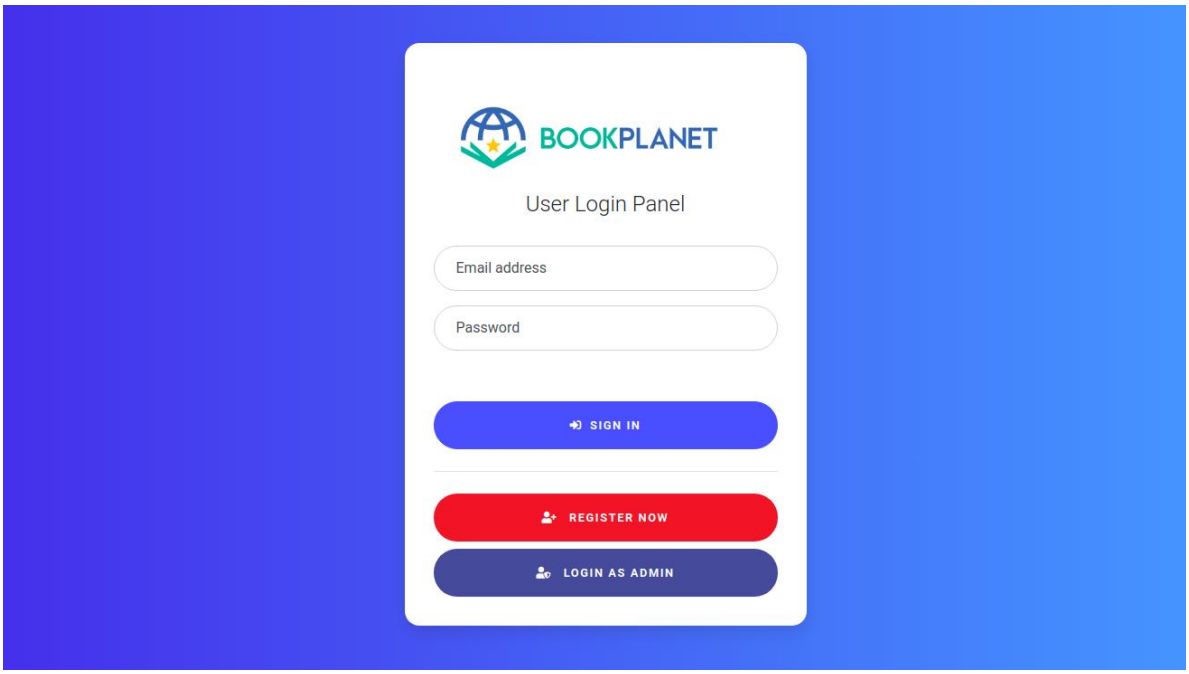


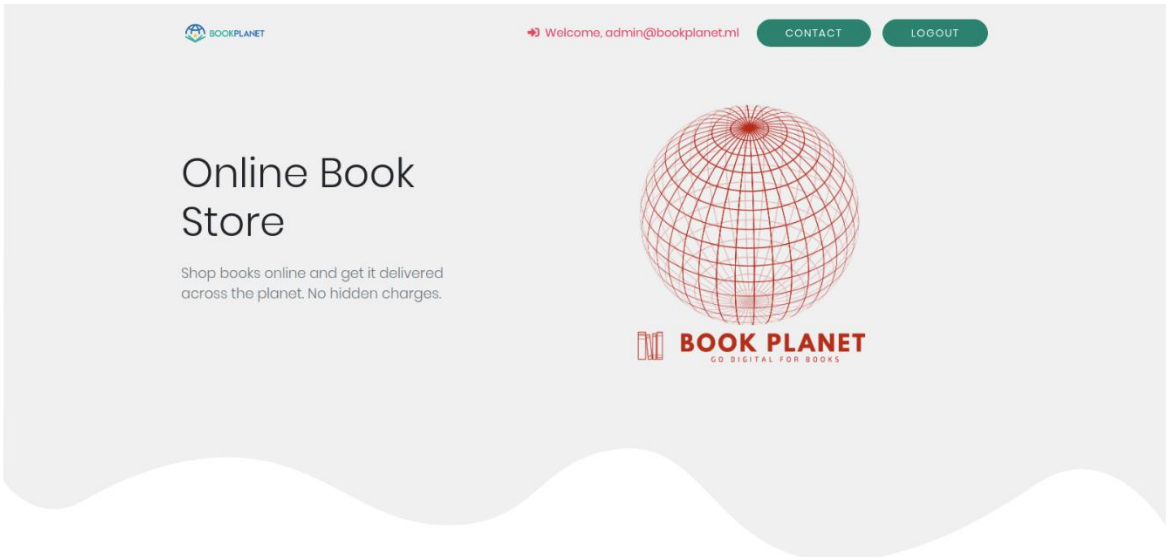
ER DIAGRAM


Revies
0:M
has
1:1
Inventory
0:M
write's
1:1
Customer
1:1
files
1:1
Shopping_cart_items
1:1
has
1:1
Order_Details
0:M
has
1:1
State Tax
0:M
Is in
0:M
Purchase History
1:1
has
0:M
Shipping Type
1:1
has
1:1
Credit Card

RESULTS AND SNAPSHOTS






BOOKPLANET
Welcome, admin@bookplanet.ml
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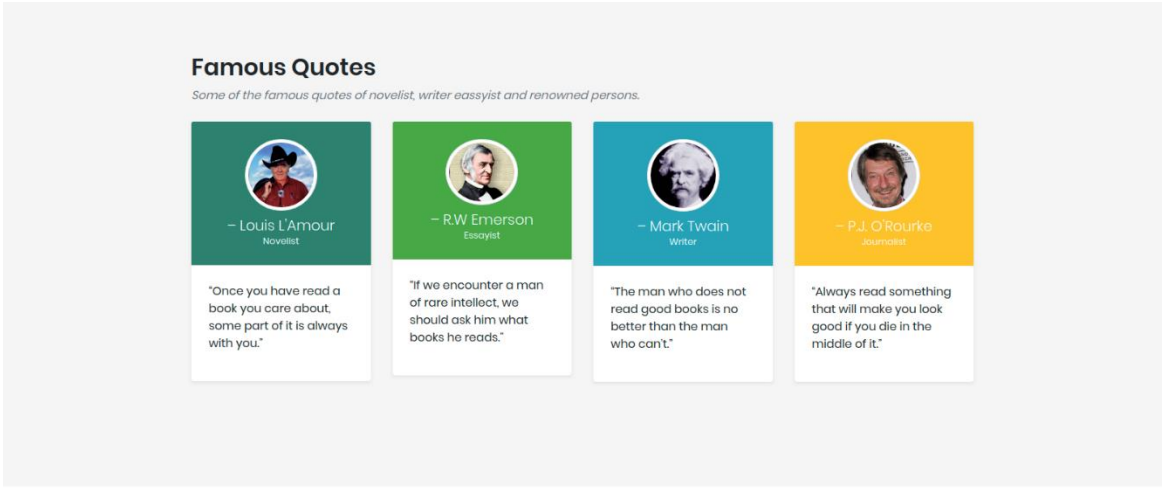
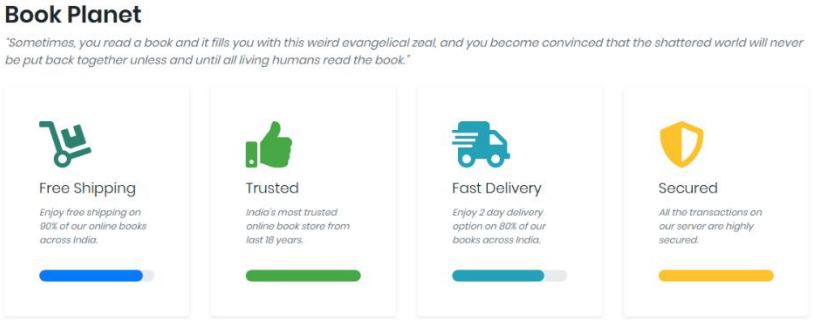
Online Book Store
Shop books online and get it delivered across the planet. No hidden charges.
BOOK PLANET
GO DIGITAL FOR BOOKS


Famous Quotes
Some of the famous quotes of novelist, writer eassyist and renowned persons.
– Louis L'Amour
Novelist
"Once you have read a book you care about, some part of it is always with you."
– R.W Emerson
Essayist
"If we encounter a man of rare intellect, we should ask him what books he reads."
– Mark Twain
Writer
"The man who does not read good books is no better than the man who can't."
– P.J. O'Rourke
Journalist
"Always read something that will make you look good if you die in the middle of it."


Book Planet
"Sometimes, you read a book and it fills you with this weird evangelical zeal, and you become convinced that the shattered world will never be put back together unless and until all living humans read the book."
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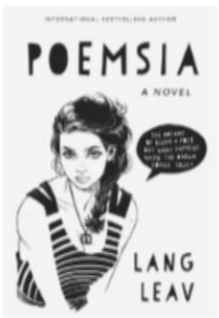

Poemsia

By : Lang Leav.

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I'm Rising

By : Michelle Stradford.

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Hull

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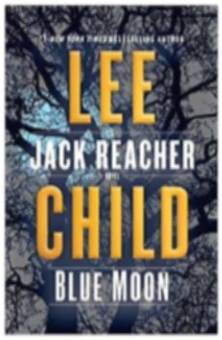

Blue Moon

By : Lee Child

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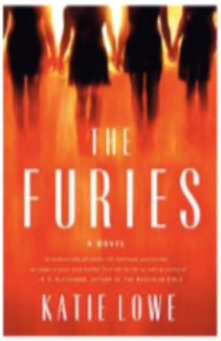

The Furies

By : Katie Lowe

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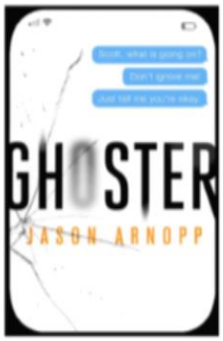

Ghoster

By : Jason Arnoop

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The Tenth Girl

By : Sara Faring

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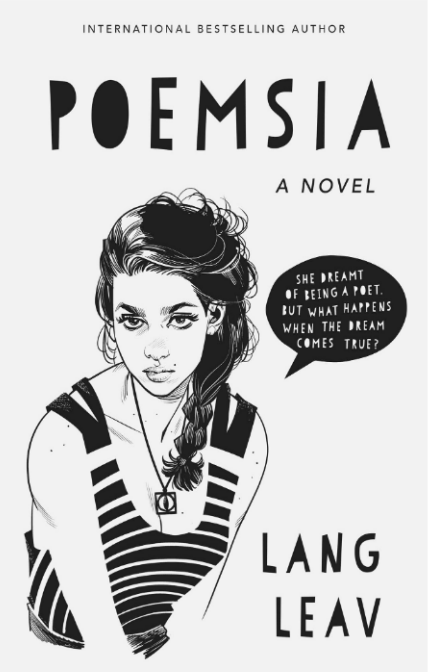
Book Detail

Find complete detail about the Poemsia - Lang Leav by Penguin .



Poemsia - Lang Leav

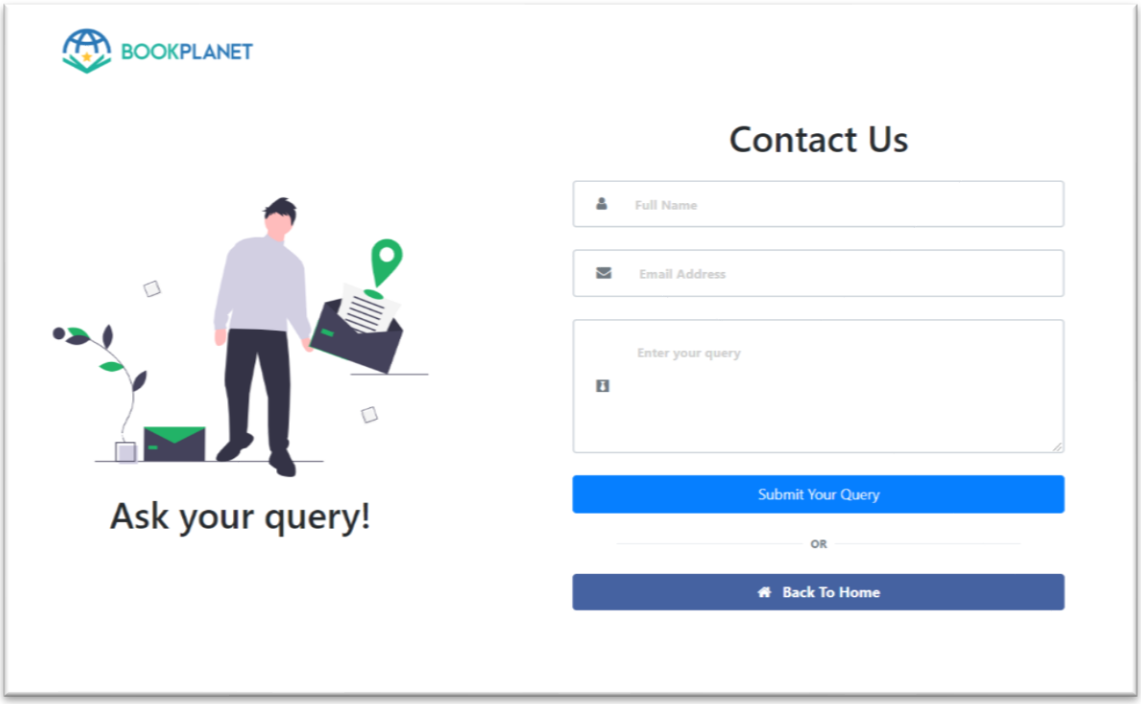
INR ₹120 .00

Description
Award-winning Author Lang Leav presents Poemsia, an inspiring YA novel that will make you laugh, cry, and want to share with all your friends! VERITY WOLF dreams of being a poet–not that she'd ever admit it to anyone. Her best friend, Jess, thinks she's definitely got what it takes, while her cat, Zorro, is characteristically indifferent. As for the cute boy she's just met, he's about to discover her best kept secret. When Verity stumbles on an old, mysterious book, Poemsia, she finds herself suddenly thrust into the dizzying world of social media stardom, where poets are the new rock stars and fame is sometimes just a click away. International bestselling author Lang Leav takes you into the shadowy world of contemporary poetry in this revealing and emotionally charged story about friendship, first love, betrayal, and the courage to follow your dreams.

ISBN#
389475

Publication
Penguin

In Stock:
67



Checkout Detail

Fill all the details carefully befor procedding further.

BOOK NAME	PRICE	QUANTITY	STOCK STATUS
Stolen - Richard Bell *Tandan Publication*	INR ₹ 310.00	1	✓

SHIPPING DETAILS

First Name | Last Name

Address Line 1

Address Line 2

Email Address | Phone

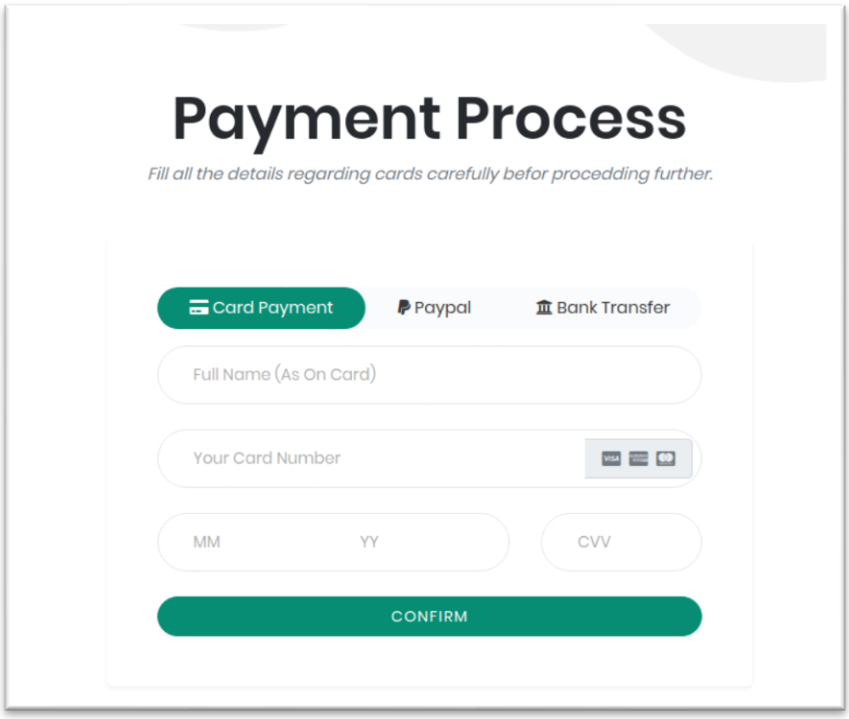
City | State

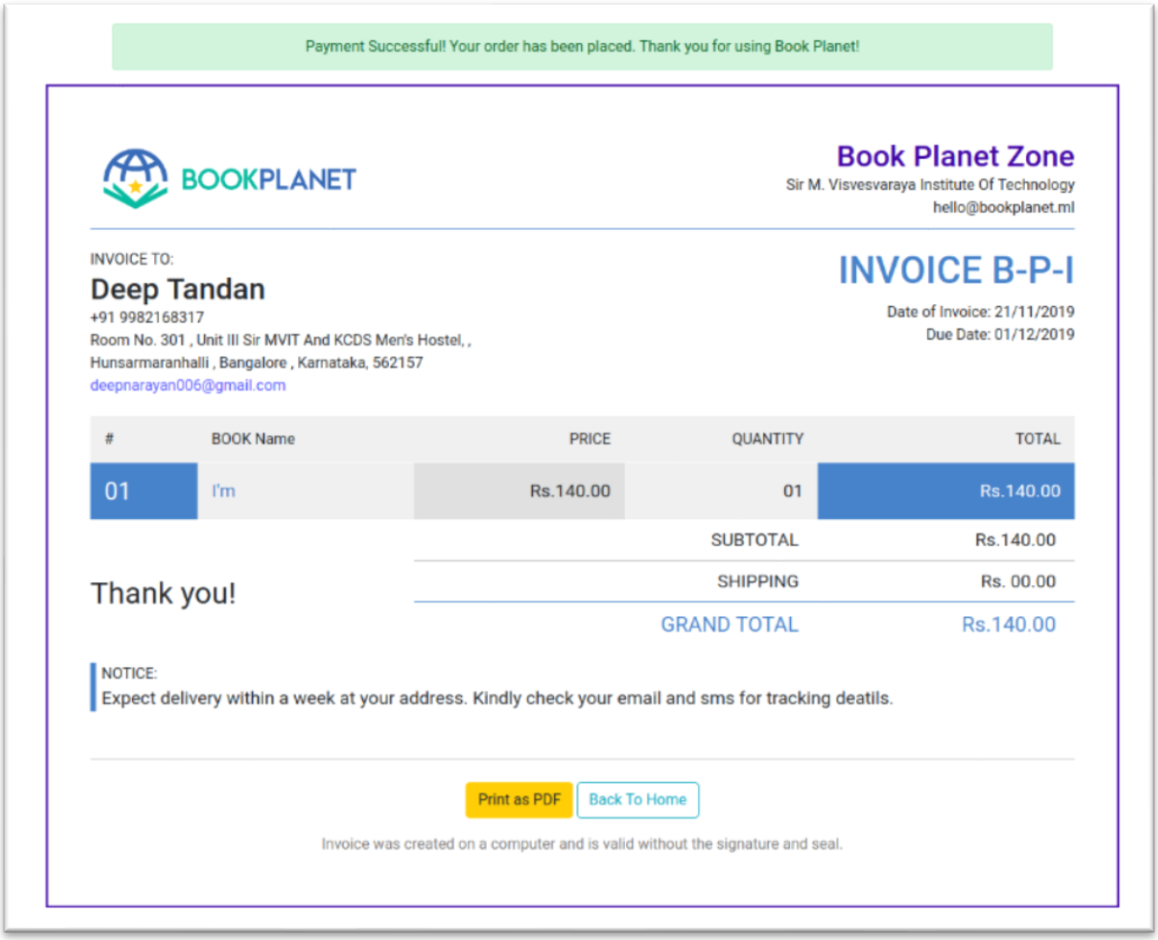
Zip Code | ◉ Male ○ Female ○ Other

PAY NOW

AMMOUNT SUMMARY

Order Subtotal	INR ₹ 310.00
Shipping	INR ₹ 00.00
Tax	INR ₹ 00.00
Total	**INR ₹ 310.00**


Payment Process
Fill all the details regarding cards carefully befor procedding further.
Card Payment
Paypal
Bank Transfer
Full Name (As On Card)
Your Card Number
MM
YY
CVV
CONFIRM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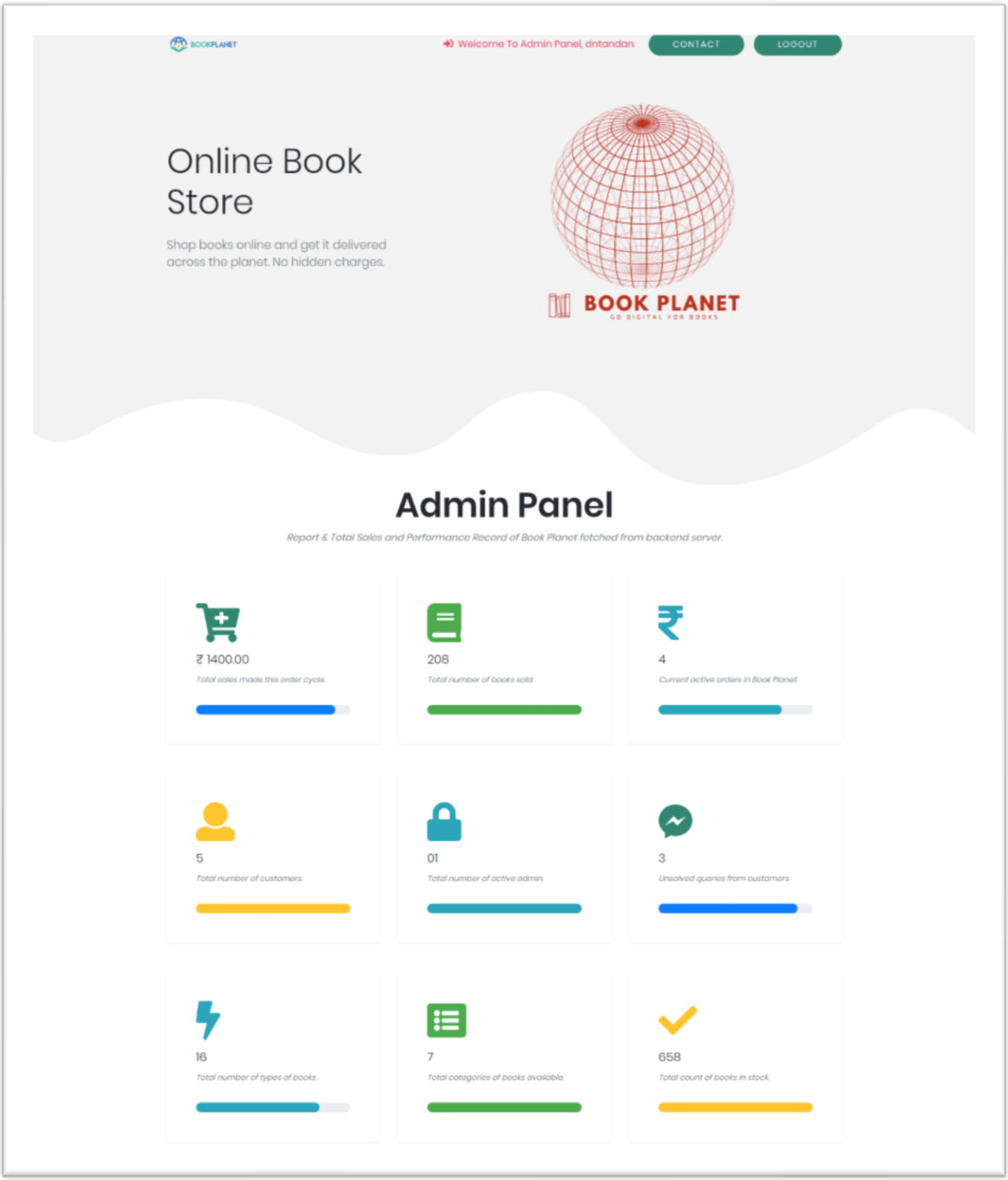
deepnarayan006@gmail.com
INVOICE B-P-I
Date of Invoice: 21/11/2019
Due Date: 01/12/2019
BOOK Name PRICE QUANTITY TOTAL
01 I'm Rs.140.00 01 Rs.140.00
SUBTOTAL Rs.140.00
SHIPPING Rs. 00.00
GRAND TOTAL Rs.140.00
Thank you!
NOTICE:
Expect delivery within a week at your address. Kindly check your email and sms for tracking deatils.
Print as PDF
Back To Home
Invoice was created on a computer and is valid without the signature and seal.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Online Book Store
Shop books online and get it delivered across the planet. No hidden charges.
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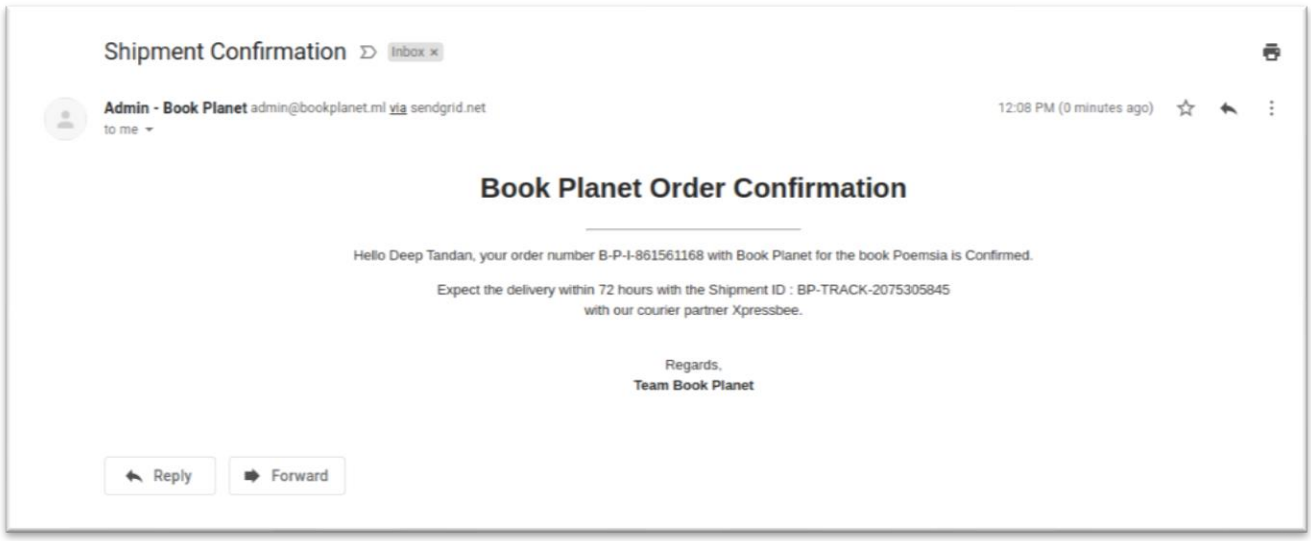
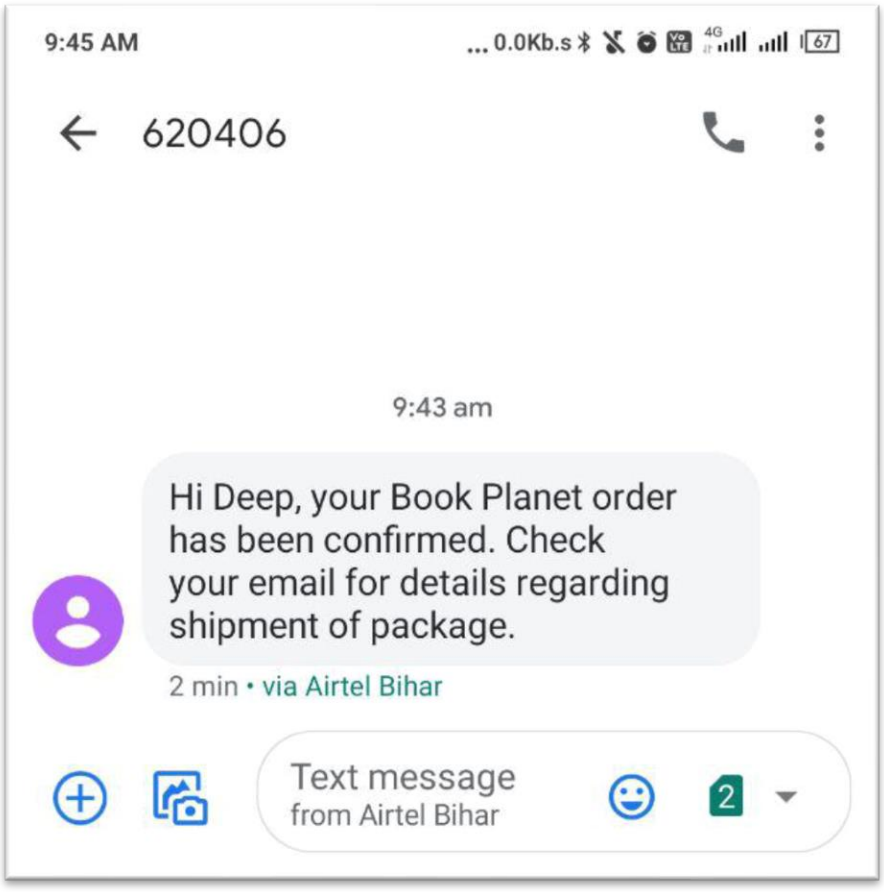
GO DIGITAL FOR BOOKS
Admin Panel
Report & Total Sales and Performance Record of Book Planet fetched from backend server.
₹ 1400.00
Total sales made this order cycle.
208
Total number of books sold.
4
Current active orders in Book Planet.
5
Total number of customers.
01
Total number of active admin.
3
Unsolved queries from customers.
16
Total number of types of books .
7
Total categories of books available.
658
Total count of books in stock.


Shipment Confirmation
Inbox ×
Admin - Book Planet admin@bookplanet.ml via sendgrid.net
to me
12:08 PM (0 minutes ago)
Book Planet Order Confirmation
Hello Deep Tandan, your order number B-P-I-861561168 with Book Planet for the book Poemsia is Confirmed.
Expect the delivery within 72 hours with the Shipment ID : BP-TRACK-2075305845
with our courier partner Xpressbee.
Regards,
Team Book Planet
Reply
Forward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620406
9:43 am
Hi Deep, your Book Planet order has been confirmed. Check your email for details regarding shipment of package.
2 min • via Airtel Bihar
Text message
from Airtel Bihar

	a_id	a_uname	a_password
Edit Copy Delete	1	dntandan	admin@password

	book_id	book_name	book_subcat	book_desc	book_isbn	book_publ	book_pages	book_price	book_img	book_count
Edit Copy Delete	1	Arias - Sharon Olds	1	Following her recent Odes, the Pulitzer Prize-winn...	389456	Signet Classics	135	196	images/books/poetry/arias.jpg	6
Edit Copy Delete	2	Poemsia - Lang Leav	1	Award-winning Author Lang Leav presents Poemsia, a...	389475	Penguin	300	120	images/books/poetry/poemsia.jpg	67
Edit Copy Delete	3	I'm Rising - Michelle G. Stradford	1	Take back your Power, your Glorious and Rise! ...	3336475	Dwarka Publicaion	256	140	images/books/poetry/imrising.jpg	110
Edit Copy Delete	4	Hull -Xandria Phillips	1	Hull explores emotional impacts of colonialism and...	3123756	Amazon Books	315	100	images/books/poetry/hull.jpg	60

+ Options

	cont_id	cont_name	query	cont_email
Edit Copy Delete	9	Pankaj	sahi hain boss.	p4pankaj@gmail.com
Edit Copy Delete	11	Sahil Kumar	A sentence worded or expressed so as to elicit inf...	sahil@gmail.com
Edit Copy Delete	12	Rohit Akela	Going great. Please tell me my order status.	akela@akelaphotography.com

	scat_id	subcat_id	subcat_name
Edit Copy Delete	1	1	Poetry
Edit Copy Delete	1	2	Thriller
Edit Copy Delete	2	3	History
Edit Copy Delete	1	4	Short Story
Edit Copy Delete	1	5	Romance
Edit Copy Delete	1	6	Sci-Fi
Edit Copy Delete	2	7	Satire

	user_id	user_fname	user_lname	user_pw	user_email
Edit Copy Delete	14	Book	Planet	login@time	admin@bookplanet.ml
Edit Copy Delete	18	Saheb	Kumar	goforit	saheb@gmail.com
Edit Copy Delete	20	Khushi	Kumari	15646541	khushi@aol.com
Edit Copy Delete	21	Rustam	Raghav	754364	rraghav@yandex.mail
Edit Copy Delete	22	Ram	Bhaskar	localppaswword	bhaskar@ram.com

	cat_id	cat_name
Edit Copy Delete	1	Fiction
Edit Copy Delete	2	Non-Fiction

CONCLUSION OF PROJECT

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

In the end, it is concluded that we have made an effort on the following points

- A description of the background and context of the project and its relation to work already done in the area.
- Made a statement of the aims and objectives of the project.
- The description of Purpose, Scope, and applicability.
- We define the problem on which we are working in the project.
- We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
- We included features and operations in detail, including screen layouts.
- We designed the user interface and security issues related to system
- Finally, the system is implemented and tested according to test cases.

FUTURE SCOPE OF THE PROIECT

In a nutshel, it can be summanized that the future scope of the project circles around maintaining information regarding:

- We can add a printer in the future which will directly print the receipt of each order placed for admin.
- We can give more advance software for BOOK PLANET induding more facilities.
- We will host the platform on online servers to make it accessible worldwide.
- Integrate multiple load balancers to distribute loads of the system.
- Create the master and slave database structure to reduce the overload of the database queries
- Implement the backup mechanism for taking the backup of codebase and database on a regular basis on different servers.

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project Here we can maintain the records of Books and Stock. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the **BOOK PLANET**. Enhancements can be done to maintain all the Books, Stock, Customer, Order and Payments.

We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them.

In the last, we would like to thanks all the persons involved in the development of the system directly or indirectly. We hope that the project will serve its purpose for which it is developed there by underlining the success of the process and synopsis of **BOOK PLANET**.

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