

**A
PROJECT REPORT
ON
ONLINE BOOK SHOPPING**

**SUBMITTED BY
Mr. DHRUV D. KACHHATIYA**

**ACADEMIC YEAR 2020-23
T.Y B.C.A. SEM – 6**

**UNDER THE GUIDANCE OF
Mr. SHAUNAK PUROHIT**

**SMT. C.Z.M GOSRANI B.C.A. COLLEGE
JAMNAGAR**

SUBMITTED TO



**SAURASHTRA UNIVERSITY
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Certificate

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CZMG/022/2022-23/89

Date: 04/03/2023

CERTIFICATE OF PROJECT COMPLETION

This is to certify that

Kachhatiya Dhruv D.

of BCA Semester 6 of Smt. C.Z.M.G. BCA College affiliated to Saurashtra University Rajkot, has completed the project on "Online Book Shop" based on institute requirements during Semester 6.

Mr. Shaunak Purohit

CODE GUIDE

Ms. Sandhya Kamadia

DOCUMENT GUIDE

EXAMINER NAME & SIGN

ABSTRACT

Online Shopping is the process whereby consumers directly buy goods, services, etc. from a seller interactively in real-time without an intermediary service over the internet.

Since the emergence of the World Wide Web, merchants have sought to sell their books to people who surf the Internet.

Bookworm Nerds is a web application where the customers can purchase books online. Through a web browser the customers can search for books by its title, its genre.

This project is developed in year 2022-23 to consider the requirement online book shopping.

We would like to convey our sincere gratitude to our Prof. Praful nanda Sir who continuously guided us during whole course of our project.

No serious and lasting achievement or success, one can ever achieve without the help of friendly guidance and cooperation of all people involved in this work.

Thank You.

ACKNOWLEDGEMENT

We feel great pleasure in submitting this project report as a part of our B.C.A. Semester 6 curriculum. A practical study plays an important role.

For the successful completion of our project, we would especially like to thank our parents for their support and unconditional help. We would also like to thank our Project Guide Mr. Shaunak Purohit for their constant support and help in implementation of this project.

We are also thankful to our Principal Ma'am, Ms. Hetal G. Savla for all the facilities they provided throughout our semester and for encouraging us to take up this activity.

Lastly, we would also like to thank the faculties and staff members of Smt. C.Z.M. Gosrani B.C.A. College, Jamnagar.

PROJECT PROFILE

Name Mr. DHRUV D. KACHHATIYA	Enrollment Numbers 00320320840
PROJECT DETAILS	
Project Title	Online Book Shopping
Duration	3 months
Name of Project	Online Book Shopping
Platform	Asp.Net 2017 Microsoft SQL Server 2014
Team Size	1
GUIDE INFORMATION	
Name of Guide	Mr. SHAUNAK PUROHIT

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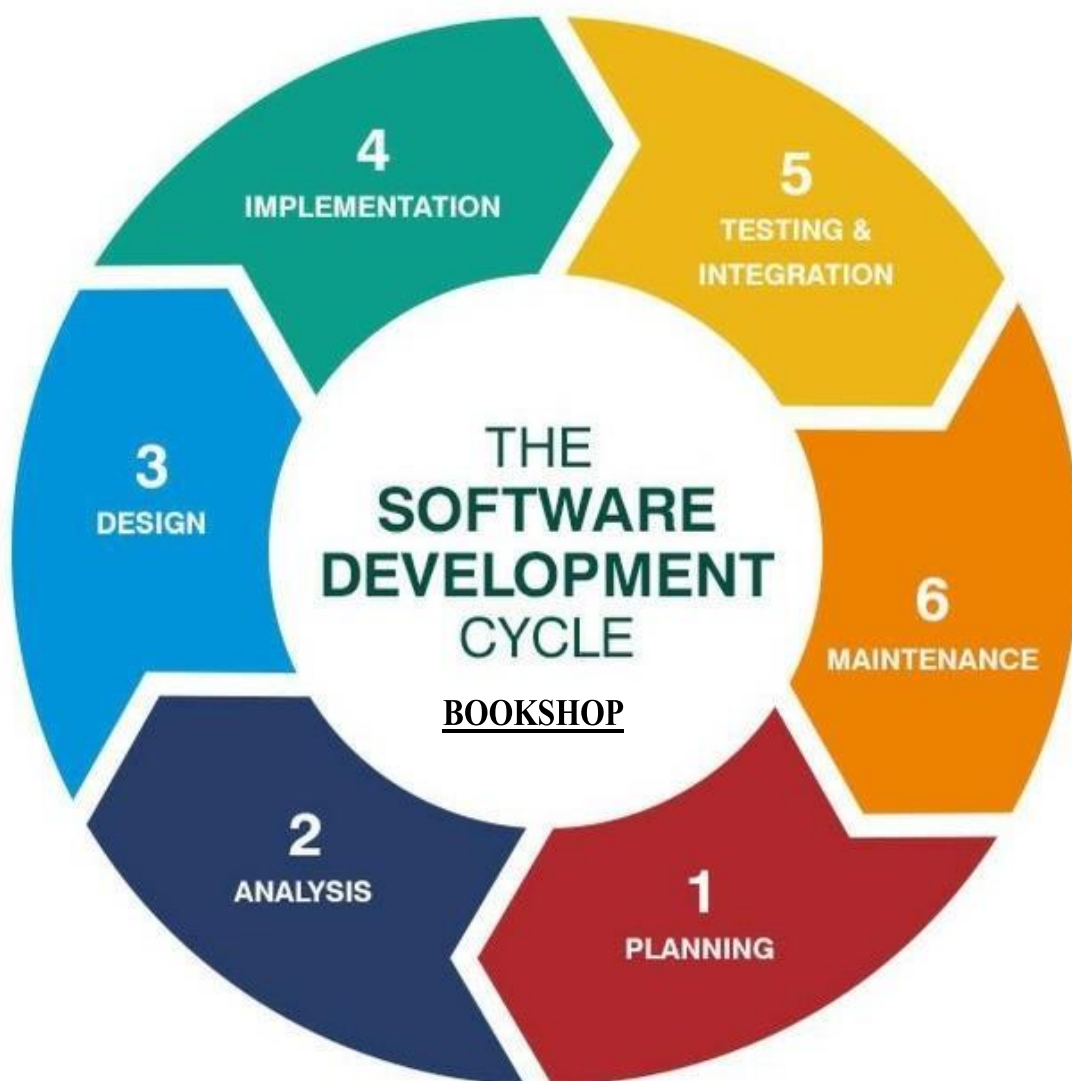
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CHAPTER 1

OVERVIEW OF THE ACCCEPTED SDLC MODEL

MODEL : - SDLC MODEL



SDLC MODEL

- In a waterfall model, each phase must be completed before the next phase can begin and there is no overlapping in the phases.
- The Waterfall model is the earliest SDLC approach that was used for software development.
- The waterfall Model illustrates the software development process in a linear sequential flow.

CHAPTER 2

REQUIREMENT GATHERING AND ANALYSIS

2.1 Organization details

- **Name of organization:**
 - BOOK SHOP

2.2 Meetings

- **Meeting with Owner:**
 - **Name of the Owner:**

- Mr.DilipBhai

i) Meeting with User:

b. Name of the user: Local People

c. User requirement in his word:

Wholesale or retail Online book buying for customer.

- Data Which is will be the input the system:

- I. Text format
- II. Image

- Data Which is will be the output the system:

- I. Text format
- II. Image

2.3 Type of project

- Online Web site

2.4 Method of collecting requirements

- Interview / Meeting
- Requirement gathering

Requirement Specification Document:

Software:

Operation system(Window)

Browser(Opera,Chrome,Firefox)

Hardware:

Ram:- 2gb

HDD:- 40gb

Display:-1280*760(Resolution)

CHAPTER 3

SYSTEM REQUIREMENT SPECIFICATION

3.1 Introduction :

The System Requirements Specification (SRS) is a document focused on what the software needs to do and how it must perform. It lays the important groundwork so that every person involved with the project understands the most crucial details.

3.1.1 Purpose:

The main purpose of Book Shop is to help businesses easily and efficiently manage the ordering, or selling books. By effectively managing your Bookshop or Online selling Books, that use to buy or sell makes easy.

3.1.2 Scope:

Every application development project should begin with an analysis of the requirement and clear list of goals.

The problem is broken into successively manageable parts for individual study.

The basic aim of analysis is to obtain a clear understanding of user need and what exactly is desired from the software and what constraint on the solution are.

We have noted all the requirement of the required information our practice training.

The Bookshop is an online application to help businesses to easily and efficiently user to purchase books and manage the ordering and using of inventory

3.1.3 Operating Environment

- This Software will be operated through the windows OS hardware platforms.

3.2 Overall Review

Project Function:

(i.) Admin Module :

- Login
- Manage User
- Manage Category
- Manage Product
- Manage Inventory
- Manage Transaction
- Manage feedback

(ii.) User/customer Module:

- Register
- Login
- Purchase
- Inventory
- Customer detail

3.3 External Interface Requirements

3.3.1 User Interface

In case the user is not login. He/she can enter the details and create an account. Once the account is created user can 'login'. If the username or password is incorrect then an error message appears.

3.3.2 Software Interface

1. Front End – ASP .net
2. Back End – Microsoft SQL Server – 2014
3. Visual Studio 2017-2019-2020

3.3.3 Functional Requirement

- Admin: Admin will manage the entire system and give appropriate rights to other user.

3.4 Non-functional Requirements

Accessibility
Availability
Performance
Security
Platform Compatibility

3.4.1 System Features:

- To provide user register and login.
- Admin can add, edit, delete menu.
- Books Information.
- Books Purchase.
- Sale and Purchase Billing.

3.4.2 Security Requirements

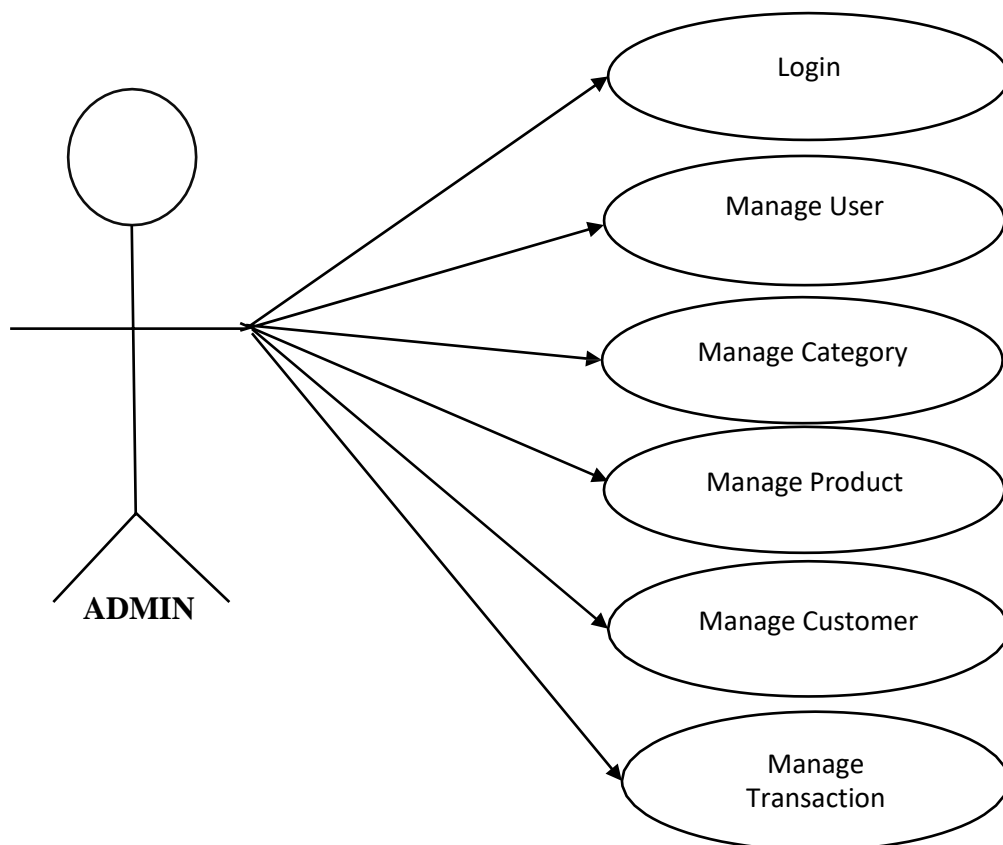
- Administrator has more right than user.

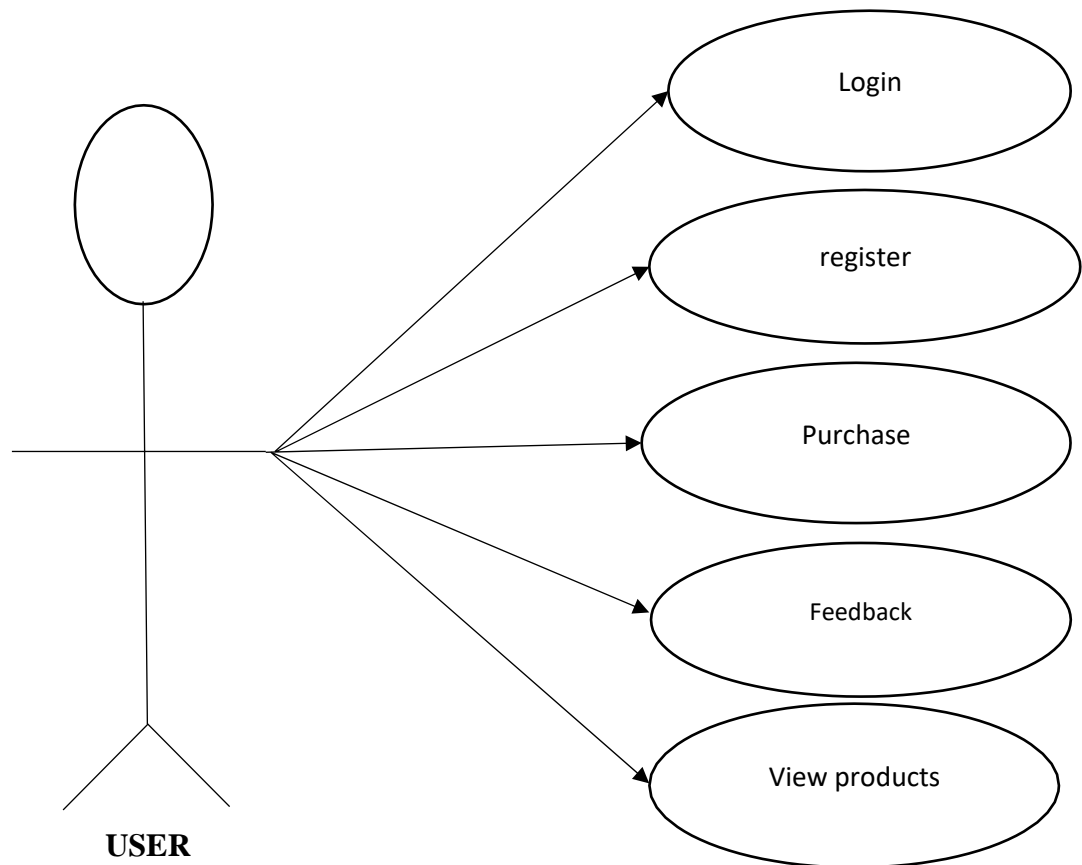
CHAPTER 4

SYSTEM ANALYSIS AND MODELLING

4.1 Use-case Diagram:

Admin:



User:

4.2 Normalization & Data Dictionary :

- Normalization is the process of organizing the columns (attributes) and tables (relations) of a relational database to reduce data redundancy and improve data integrity

Normalization Form:

1st Normal Form:

Table Name: tbl_user

Primary Key: id

id(Primary key)	Admin_id	admin_pass
1	Admin	123456

Table name : Category

Primary key: fidvendor_id

cat_id	cat_name	cat_logo
1	Education books	educa.jpg
2	Story Books	cb.jpeg

Table name : Product

Primary key: pro_id

pro_id (Primary key)	pro_name	cat_name	p_image	pro_features	pro_qty	Added pro_rate
1	Five Points SomeOne	Story Books	cb4.jpeg	Written by Chetan Bhagat Good Stories	200	199
4	What youn india wants	Story Books	cb2.jpg	Write Chetan Bhagat	200	289

• DATA DICTIONARY:

(i.)Admin Table:

Column	Type	Null	Size	Key s	Comments
admin_id (primary)	nvarchar	No	50	Primary	
admin_pass	nvarchar	No	50		

(ii.)Card Table:

Column	Type	Null	Size	Keys	Comment
Aid	Int	no		primary	
Mid	Varchar	no	50		
Tid	Varchar	no	50		
Cname	Varchar	no	50		
Cno	Varchar	no	50		
Cpwd	Varchar	no	50		

(iii.)Add Cart Table:

Column	Type	Null	Size	Key s	Comments
a_id	Int	No		Primary	
tid	varchar	No			
Mid	varchar	No			
cate	varchar	No			
pname	varchar	No			
Qty	Int	No			
rate	Int	No			
total	Int	No			

(iv.)Category Table:

Column	Type	Null	Size	Key s	Comments
Cat_id	Int	No	-	Primary key	
Cate	varchar	No			
Rate	Int	No			

(v.)Feedback Table:

Column	Type	Null	Size	Keys	Comments
C_id	Int	No	-	Primary key	
C_name	Nvarchar	No	50		
C_city	Nvarchar	No	50		
Mono	Nvarchar	No	50		
Email	Nvarchar	No	50		
Msg	Nvarchar	No	MAX		

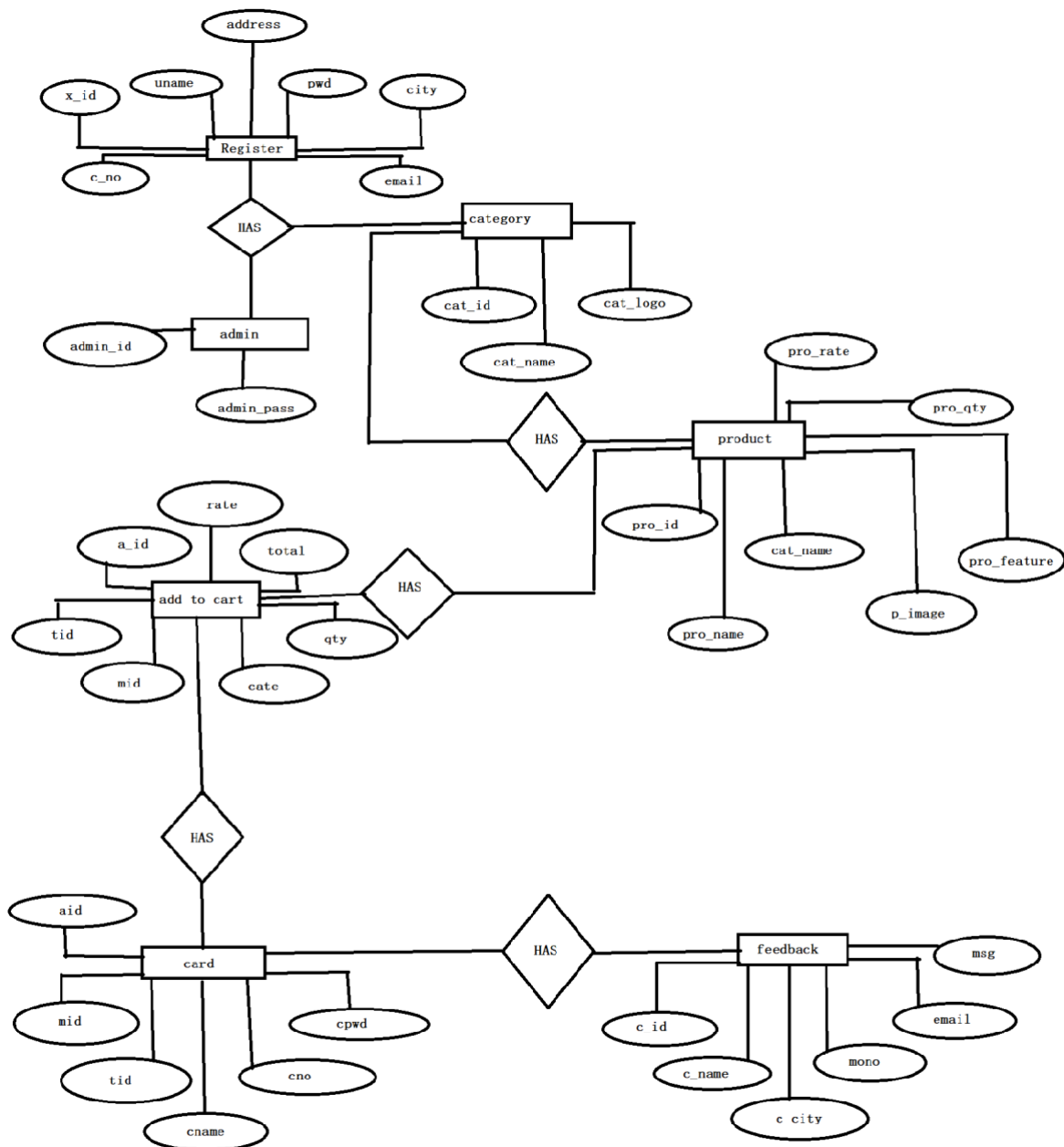
(vi.)Product Table:

Column	Type	Null	Size	Keys	Comments
pro_id	Int	No	-	Primary key	
pro_name	Nvarchar	No	MAX		
Cat_name	Nvarchar	No	MAX		
p_image	Nvarchar	No	MAX		
pro_feature	Nvarchar	No	MAX		
pro_qty	Int	No	-		
pro_rate	Int	No	-		

(vii.)Register Table:

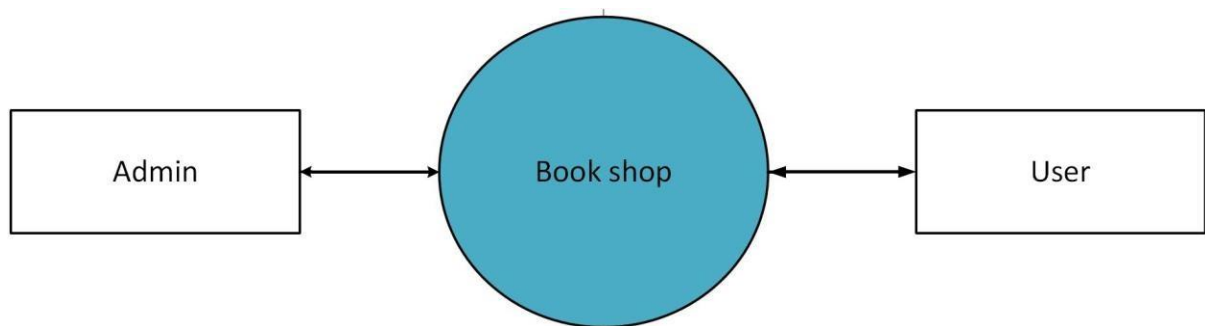
Column	Type	Null	Size	Keys	Comments
R_id	Int	No	-	Primary key	
Uname	Nvarchar	No	MAX		
Pwd	Nvarchar	No	MAX		
address	Nvarchar	No	MAX		
city	Nvarchar	No	MAX		
email	Nvarchar	No	50		
C_no	Nvarchar	No	50		

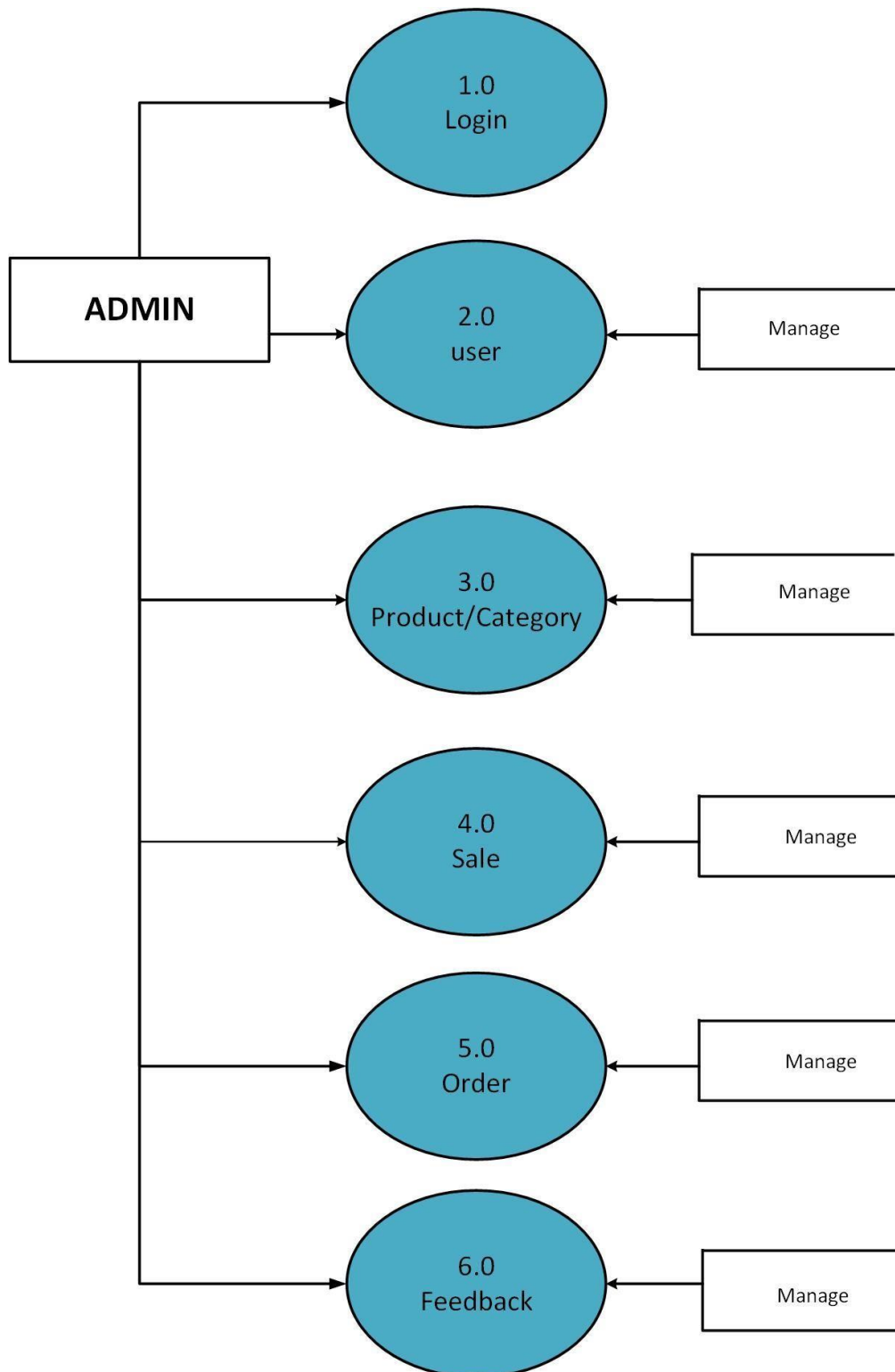
4.3 E-R Diagram:

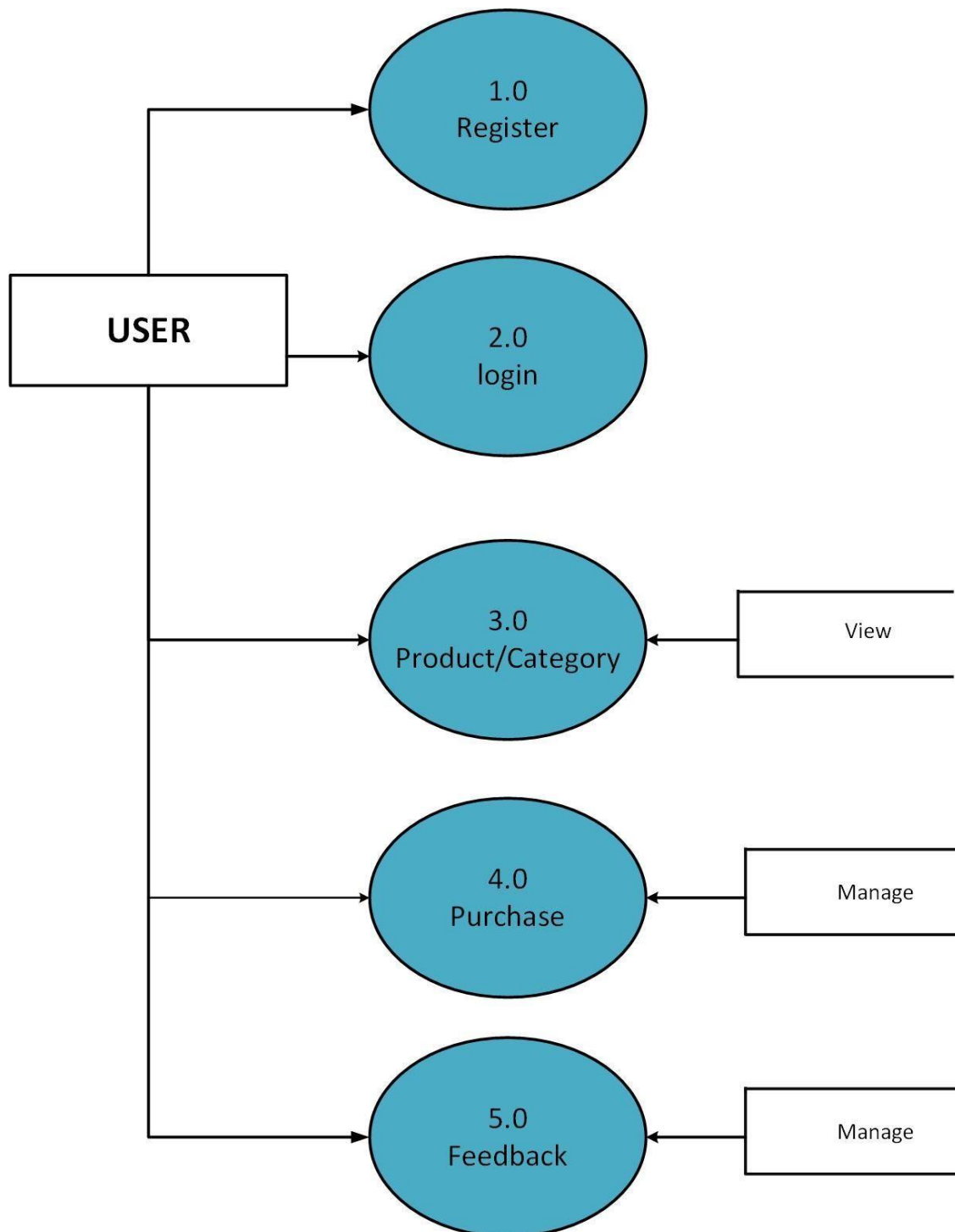


4.4 Data Flow Diagram:

Zero level diagram:







First level diagram:

Second level diagram:

4.5 Gantt Chart:

Accepted time 

Actual time 

Month	December	January	February
Weeks	1 2 3 4	1 2 3 4	1 2 3 4
Analysis			
Design			
Coding			
Testing			
Implementation			

CHAPTER 5

TEST CASES

Test case 1:

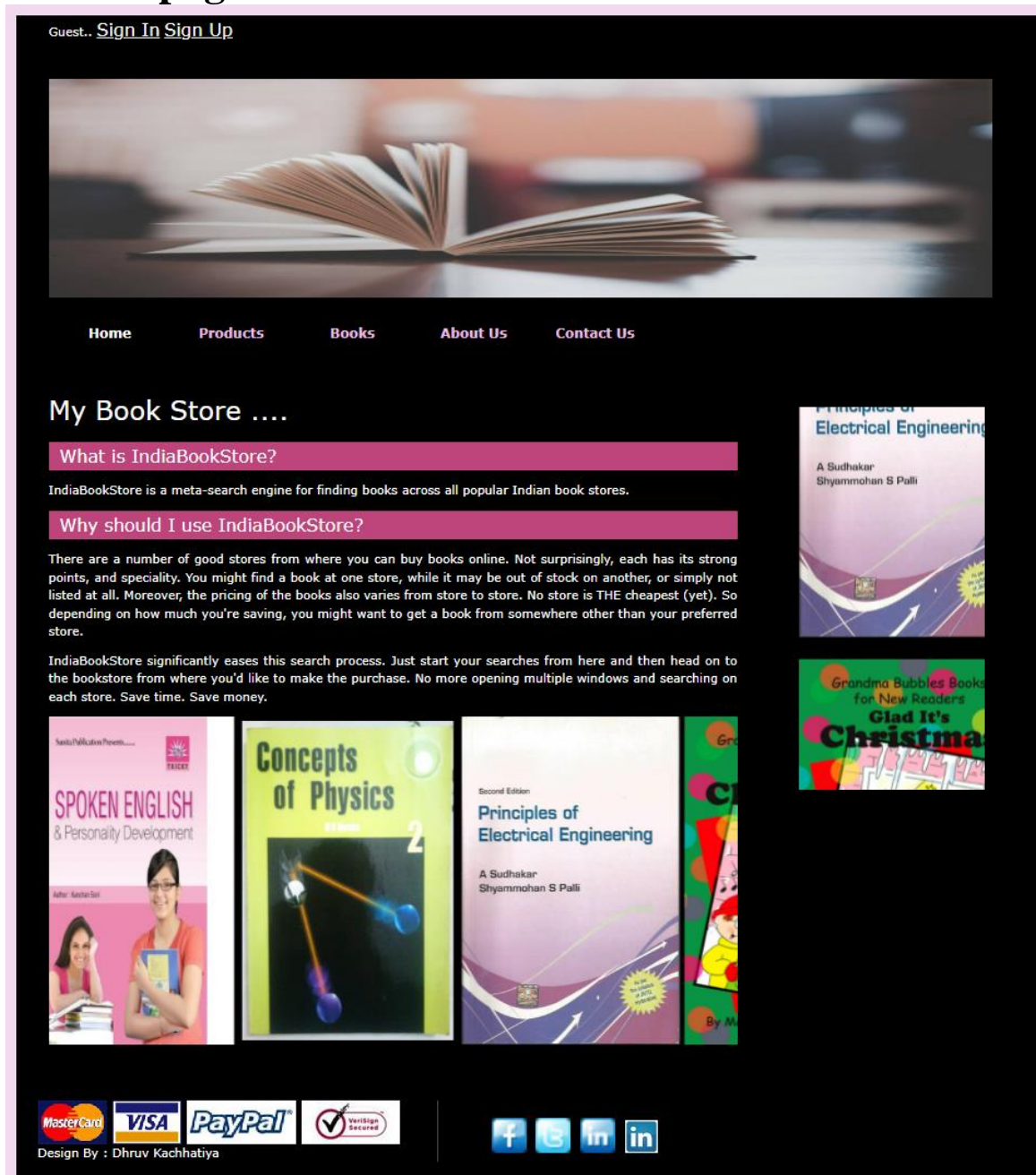
Login Module					
TEST CASE No. 1			TEST CASE DESIGN DATE : 05-JAN-2023		
TEST TITLE : Login Module Test			TEST CASE EXECUTION DATE : 05-JAN-2023		
DESCRIPTION: TO test Login page					
PRECONDITION: Login with correct user & password					
STEP No.	TEST STEP	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS
1	Navigation To login page.	Login Activity	Login in the page	Login in the page	Pass
2	Enter Username & Password	Admin 123456	Login Successful	Login & Transferred To Dashboard	Pass
3	Wrong Username OR Password		Error		Pass

Test case 2:

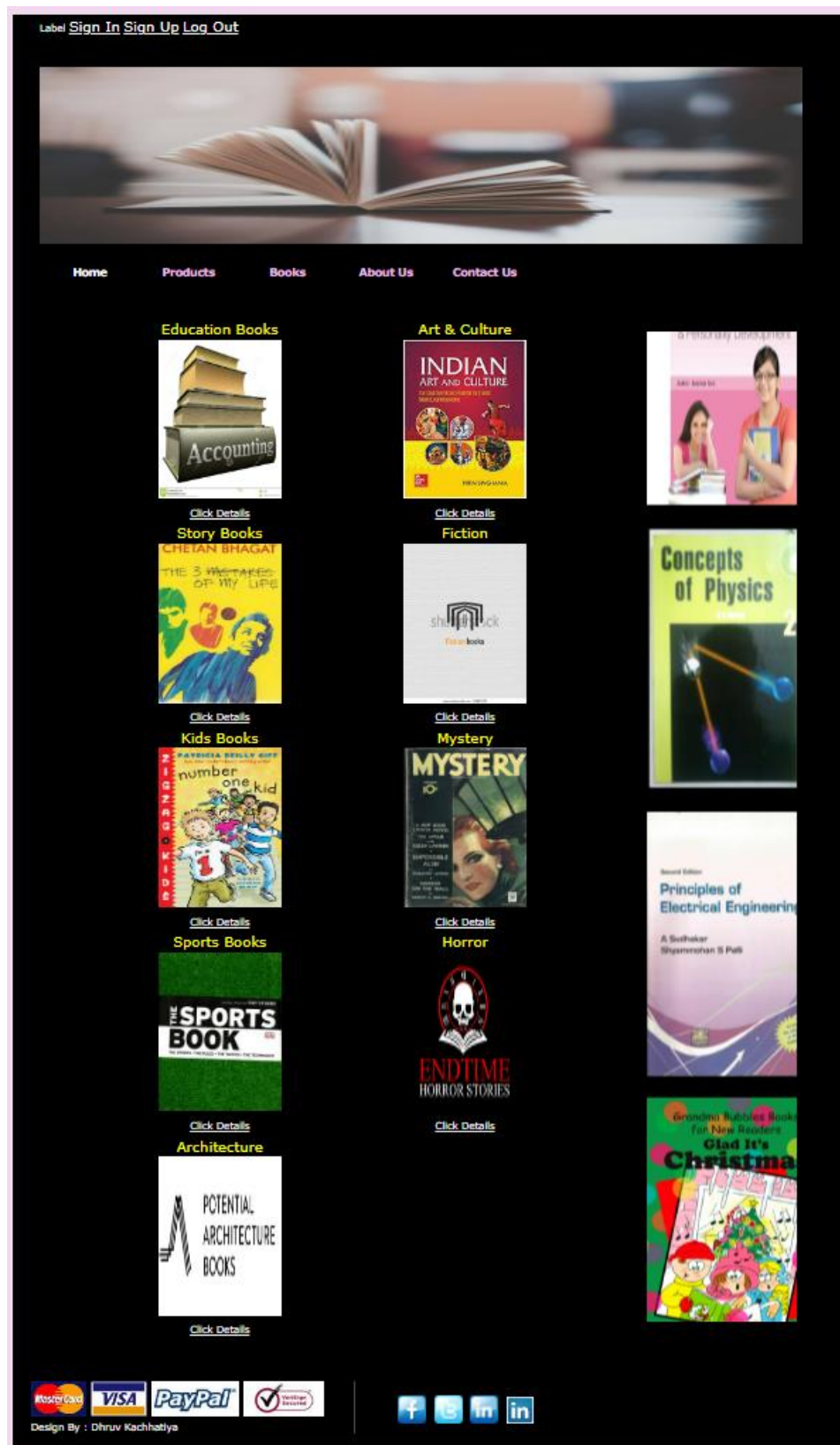
Product Module					
TEST CASE No. 1			TEST CASE DESIGN DATE : 09-January-2023		
TEST TITLE: Admin Test			TEST CASE EXECUTION DATE : 09-January-2023		
DESCRIPTION: To test product page					
PRECONDITION: Stock Inventory					
STEP No.	TEST STEP	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS
1	Admin Dashboard	Redirect	Show successfully	Show successfully	Pass
2	Insert Record	New product, Details	Successful	Successful	Pass
3	Delete	Delete	Successful	Successful	Pass
4	Update	Update	Successful	Successful	Pass
5	Status	View	Successful	Successful	Pass

CHAPTER 6 SCREENSHOTS

1.Home page :



2.Products page :



3. Books page :

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Books Pedia

As a vibrant interactive platform, Oxford Bookstore is home to renowned authors, all of whom prefer to launch their books here. As their new stories unfold, our family of Oxford writers grows. Some of the most distinguished writers who have released their works with us are: Sir V.S. Naipaul, Salman Rushdie, Gunter Grass, Peter Carey, Bapsi Sidhwa, Amitav Ghosh, Sudha Murty, Amit Chaudhuri, William Dalrymple, Chitra Banerjee Divakaruni, Jhumpa Lahiri, Roy Bhasker, Mark Tully, Ruskin Bond and late Dom Moraes.

Oxford Bookstore has encouraged young and debutante writers by hosting their book launch sessions; these include Rupa Bajwa's The Sari Shop, Hindol Sengupta's Indian Fashion, Hiranmay Karlekar's Bangladesh...The Next Afghanistan? , Rohan Narula's Chaos, Abhijit Bhaduri's Mediocre But Arrogant, Sonia Faleiro's The Girl, Nandita Puri's Nine O Nine and Usha Alexander's Only the Eyes are Mine.

"I always enjoyed coming here and listen to other writers. I never imagined that an evening would be organized for readings from my novel, First Light. Great feeling!"

Sunil Gangopadhyay - Veteran Bengali Writer

"Oxford Bookstore used to be as much an institution in Calcutta as a bookshop. With its revival in the mid-nineties, and its welcome proliferation in other cities, it is on its way to becoming what it used to be and perhaps more: an institution multiply located, and one that redefined itself for the times we live in."









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About The Brand

Established as a Lifestyle brand, Lavie launched its first bag collection in 2010, followed by a shoe collection on demand from its lovely consumers. Imbibing the spontaneous, vibrant & independent nature of the 21st century women, Lavie aims to appeal to the Gen Y woman who has high ambitions & lives with an impulsive spirit.

Understanding a woman's need for perfection, Lavie provides them with a wide range of bags to choose from. Lavie's hand bag collection comprises of satchels, totes, slings, hobos, box bags to clutches & wallets ensuring we have something to match all your outfits & suit the many occasions.

However, an outfit is incomplete without a perfectly matching shoe & so ranging from corals to glossy texture Lavie's peep toes, ballerinas, stilettos, slip on's, pumps & wedges are painted with colors that compliment your toned legs & enhance your attire.

You can avail our latest collections across India at select Samsonite and Bagzone stores, Debenhams, Shoppers Stop, Lifestyle, Central, Pantaloons and other leading retail chains.



Product

It is said that one needs to be perfectly dressed from head to toe when stepping out of the house for any reason for that matter. However, if you notice it's always from your shoes that the onlookers begin & gaze at anything designer they spot at your hands.

Combing through the remotest part of the world in search of fashion inspirations, our designers spend months just to conjure that perfect handbag & shoe to get this awestruck effect on the onlookers.

We respect every woman's individuality & with regard to her personal sense of fashion, we include varied textures, colors, prints, patterns & types of bags & shoes in every collection we launch.






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Feedback

First Name

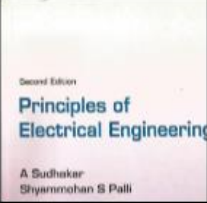

E-Mail





City

Mobile No





Message

Contact Us:-
Lavies ShowRoom
3 Batti, Near Town Hall,
Jamnagar - 361001
Gujarat (India)



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Name Euclids Window

Price 375 /-

Quantity

Features Through Euclids Window, Leonard Mlodinow brilliantly and

[BookNOW](#)



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7.Product purchased page :

localhost:22279 says

Thanks You buy our products

OK

CHAPTER 7

LIMITATION & FUTURE ENHANCEMENT

- 1.This is stand-alone system, for actual use of the database, management can have distributed architecture in which database is on server and other terminal have access to it.
2. As input for bill generation process here barcode scanner can be used.

CHAPTER 8

CONCLUSION

The project report entitled Bookshop has been completed successfully. This asp.net application has been developed with much care that is free of errors and at a same time it is efficient and less time consuming.

And the future scope of this Web application is very good and easy on the basis of changing of objective and analysis report.

Large database support

- Using MS SQL means large of records can be managed without facing any problems.

CHAPTER 9

REFERENCES AND BIBLIOGRAPHY

All the reference listed below were used to develop and design this application and were also used for documentation. We are thankful to each and every person who helped us and supported for this project completion.

Websites:

- www.w3schools.com
- www.sapnaonline.com
- www.khushalrajani.wordpress.com