1.INFORMATION GETHRING

1.1 Project Profile:-

Sr. No.	Title	Detail
1.	Group No	13
2.	Project Title	Book Club
3.	Front-End Tool	ASP.NET
4.	Back-End Tool	SQL Server
5.	Project Type	Web Application
6.	Project Duration	Nov to Feb
7.	Project Team Size	Two(2)
8.	Submitted By	Akbari Devangi B.(03051701245) Paghadal Denisha P.(03051701266)
9.	Stream	TYBCA(Sem - 6)
10.	Guide By	Prof.Rimpal Patoliya
11.	Submitted To	Shree V.N. Borad Mahila BCA College Joshipura-Junagadh.

1.2 Introduction:-

Title:Book Club

Our project is about book club.now a day bookclub is very useful for busy people.

We provide a many types of books for children,elders and youngstar.in our site the user will Purchase books,update in book quantity,and delete the order also.

Our site is free for user.the book will buy more than one book at a time.we personaly visit the library and understand the importance of the book.the user can't give any charge to visit the website.

1.3 Scope:-

- This is an internet based application so that can be accessed anywhere.
- Cash on delivery,searching for a product become very easy.
- Enable the user to make the book shopping online sitting at home provides.
- The features like classified list of products,author wise,publication wise,bookname wise providing cart.
- Admin can manage the product,categories and can view the status of all placed order.
- User can manage his own profile as well as password.
- A product added into the shopping cart remains as it is until and unless they are removed order is placed for the same before use is logged out.

1.4 Objective:-

- To provide an interactive and the user friendly system to the user.
- To provide a simple and consistent output which meet user's requirements.
- To provide a simple user interface so that the user with a little knowledge about computer can do their work very easily.
- Time and energy saving:
  Person can easily login to online site while sitting at home,so by this we can say that it is time as energy saving.

1.5 Advantages:-

- Comparision of the traditional and book club and way buying books.
- There is no doubt that shopping online can be very easy convenient for busy people.
- The advantages of selling books online to the book seller is that he is not limited by geography location and time as compared to a physical store.
- Any customer who is connected to the internet is able to place an order for any academic or non-accademic material.
- This website is open any time for people.
- Comparision of the book store and book club is very easy to buy a book.

1.6 Limitation:-

- This website is use of little-bit technical knowledge required.
- Internetconnection is must be compulsory to use this website.
- There is no human interaction.
- Making payment online is usually safe but not always.

2. REQUIREMENT ANALYSIS

2.1 Tools & Technology:-

2.1.1 Asp.net:-

Asp.net is an object-oriented event driven development platform for waiting web-based application before .net active based server pages was the Microsoft technology for developing application that run through the browser.

Because Asp.net is based on the .net framework the some classes in the framework class library (fcl) are available to all .net based application.

Asp.net gives you the ability to code in any supported .net languages. (Including VB, C#, J# and many other languages that have their party compilers)

Asp.net also includes a fine furned data access model and flexinle data catching to further boost performance.

➢ **Importance Of Asp.net:-**

- Asp.net is integrated with .net framework.
- Asp.net is compiled .net interpreted.
- Asp.net is multi language.
- Asp.net is hosted by the common language runtime.
- Asp.net is object-oriented.
- Asp.net is multiservice and multibrowser.
- Asp.net is easy to deploy and configure.

➢ **New Feature Of Asp.net**

- Better language support.
- Programmable control.
- Event driven programming.
- Xml based components.
- User authentication which account and roles.
- Increased performance compiled code.

- **Benefit Of Asp.net Are As Under**
  - Designing tools are of varied type.
  - make code cleaner.
  - Easy to use graphical interface.
  - provide various tools are debugging.
  - Deployment, scalability, security, reliability are improved.

2.1.2 Sql Server 2014:-

Sql server 2014 express edition is the entry level free database and is ideal for learning and building desktop and small server data driven application it is the best choice for independent software vendors, developers and hobbyists building client application.

If you more need advanced database features sql server express can be seamlessly upgraded to other higher and versions of sql server.

Sql server express LOCALB, a list weight version of express that has all of its programmability features yet runs in user mode and has a fast, zero configuration installation and a short list of prerequisites.

- **Features**
  - Resource governor
  - Policy
  - Table
  - back up
  - Data capture
  - Data collection
- **Sql Advantages**
  - Backup encryption executed at back up time to prevent tempering.
  - Tables level access control, column level access data.
  - Cross platform support and .net are.
  - Transparent data encryption the ability to encryption and entire Data base.
  - Auditing, monitoring at the data access**.**

2.1.3 JavaScript:-

- Java script is a scripting language often used to client side web development.
- Java script was influenced by many language and was designed to have similar work to java but be easier for non- programmers to work with.

➢ **Features Of Java Script**

- In the community of web developers and surfers java script is highly popular as client side scripting language for the web browser.

➢ **Support For Object**

- Java script is an object oriented language however the way java script handles object inheritance is bit different from conventional objected programming language like java due to this java script support most of the object oriented concepts while being simple to learn and use.

2.1.4 CSS:-

- Css cascading style sheets.
- Css use to control the style and layout of multiple web pages all once.
- Styles are normally stored in style sheets. External style sheets are stored in css file.
- Styles ware added to html to solve a problem.
- Multiple style definition will cascaded in to one.

2.2 User Characteristic:-

1. User should be comfortable with English language.
2. Basic knowledge about computer.
3. Use able to put required in formation secure user login account.
4. These users are usually responsible for insuring that
5. A design is feasible and software.
6. More often than not software is design for a client.

2.2.1 Education level:-

- User should be conformable with English language.

2.2.2 Skills:-

Users should have basic knowledge and should be comfortable using Generate purpose application on compare.

User should have provided information, on regarding the wedding planner.

2.3 Hardware & Software:-

System develop in following configuration:-

2.3.1 Hardware:-

Hardware	Specification
Hard Disk	500 GB
Processor	3.30 GHZ
RAM	4.00 GB

2.3.2 Software:-

Software	Specification
Operating System	Microsoft Windows 10
Tools	Asp.net (visual studio 2015)
Back-End	SQL server 2014
System Type	64 bit Operating System

3. PROJECT PLANNING

We referred the book from library with the help of them we can make project more efficient & more reliable.

Project planning is part of project management which related to the use of schedules such as Gantt chart to plan and subsequently report progress within the project environment.

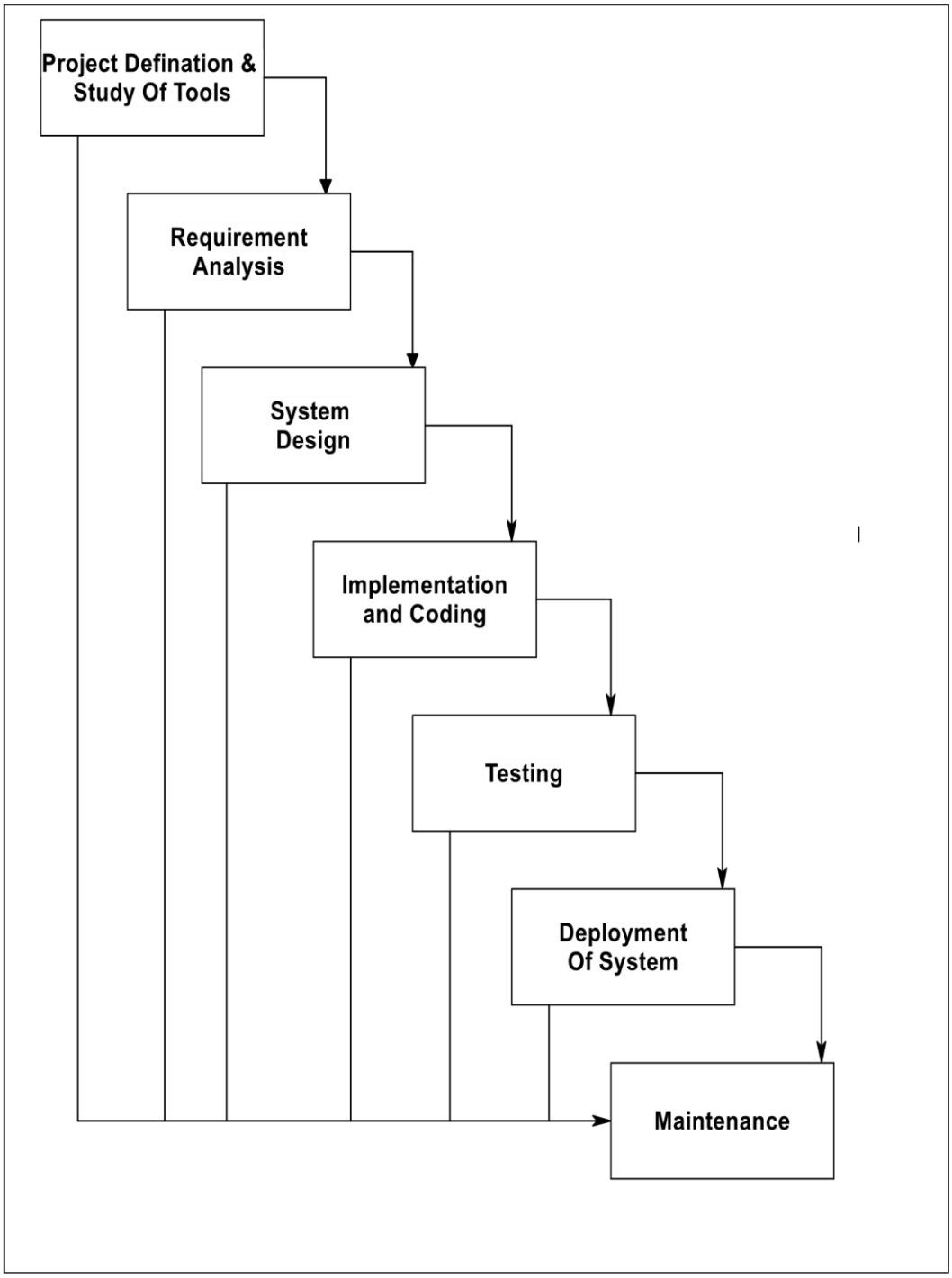
Following this step the durations for the various task necessary to complete the work are listed and grouped in to a work are breakdown structure.

After collection all data we start make web pages by macromedia.

3.1 Waterfall Model: -

The waterfall model was first process model to be introduction it is also referred to as a liner sequential lifecycle model.

It is very simple to understand and use in a waterfall model, each phase must be completed before the next phase can begin and there is no overlapping in the page.



3.1.1 Project Definition & Study of Tool: -

Our project is about Book Club.this work is online selling a book.

3.1.2 Requirement Analysis: -

The requirements gathering process makes stronger and focused specifically on business activities understanding requirement.

an analyst can have clear idea about the nature of the software including function behavior, performance and interface requirement for the system recorded and executed with the users.

3.1.3 System Design: -

Software design shows following four distinct components of a program.

- Database design
- Software architecture
- Interface design
- Algorithm

The process converts requirements into a symbolic representation of the software that can be used for static testing before coding like requirement the design in documented and turns out to be part of the software configuration.

3.1.4 Implementation & Coding: -

The design must be converted into a machine, program the code generation step done this task. If design is performed in a correctly code generation can be done speedy and with more efficiency.

3.1.5 Testing: -

Once code developed program testing can be started. The testing process covered by static and dynamic way. It also covers structure and functional testing. for quality testing also covers non-functional requirements.

3.1.6 Deployment of System: -

Once the functional and non-functional testing is done the product deployment in the customer environment or released in to the market.

3.1.7 Maintenance: -

There are some issues which come up in the client environment to fix those issues patches are released maintenance is done to deliver these changes in the customer environment.

3.2 Project Scheduling : -

Project scheduling is corned with the techniques that can be employed to manage the activity that need to be undertaken during the development of a project.

No	Activity	Starting Date	Completion Date
1	Requirement analysis	20 Nov	30 Nov
2	System analysis	1 Dec	14 Dec
3	Project planning & scheduling	15 Dec	28 Dec
4	System design & form design	29 Dec	11 Jan
5	Coding & implementation	12 Jan	14 Feb
6	Testing	15 Feb	25 Feb
7	Documentation	20 Nov	25 Feb

3.2.1 Gantt chart & Timeline Chart:-

Task date& name	20Nov to 30Nov	1Dec to 14Dec	15Dec to 28Dec	29Dec to 11Jan	12Jan to 14Feb	15Feb to 25Feb	20Nov to 25Feb
Requirement analysis							
System analysis							
Project planning scheduling							
System design							
Impletation&coding							
Testing							
Documentation							

4. FEASIBILITY STUDY

The initial investigation points to the question whether the project is feasible a feasibility is conducted to identity the best system that meets the all the requirements this includes an identification description and evaluation of the proposed system and selection of the best system for the job.

The requirement of the system is specified with a set of constraints. Such as system objective and the description of the output. If is then duty of the analyst to evaluate the feasibility of the proposed system to generate the above results.

4.1 Technical Feasibility: -

- Technical current of technology supports the proposed system. The current setup is sufficient for the processing of the kind tasks.
- Management agreed to purchase extra device for latest technology if necessary.
- The software needed to important and execute the system are already exit.
- Technical analysis evaluation technical merits of the system at the same time collecting additional information about performance, reliability, maintainability and productivity.

4.2 Operational Feasibility: -

- The proposed system will fulfill the company's quarrymen.
- The proposed system covers all aspect of the current Manual system.
- The human sources required number of staff operationally for the company.
- Proposed system is helpful for all the users associated with the organization.
- The decision making process of their will also become faster with the use of data integration, consolidation so it is feasible to implement the system.

4.3 Social Feasibility: -

- Social feasibility addresses the influences that a proposed project may have on the social system in the project environment.
- It should be recognized that workers in certain industries may have certain status system within the society.
- The ambient social structure may be such that certain categories of workers may be in short supply or non-existent.

The stages in social assessment are:-

- Develop an effective public plan to involve all potentially affected public.
- Scoping to identify the full range of probable social impacts.
- Screening to determine the boundaries of the SIA.

4.4 Organizational Feasibility:-

- I have organizational feasibility as meaning whether the new system will fit in to the organization and meet the current goals and objectives.
- This involves questions such as whether the system has enough support to be implemented successfully whether it brings an excessive amount of change and whether the organization is changing two rapidly to it.

Two of important factors in this are:-

- The passion that the sole entrepreneur or management team has for the business idea.
- The extent to which the management team or sole entrepreneur understand the markets in which the firm will participate.

4.5 Economic Feasibility: -

- Economic feasibility is the most important and frequent used method for evaluating the effectiveness of the proposed system.
- It is very essential the main goal of the proposed system is to have economically better result along with increased efficiency cost benefit analysis is usually performed for the purpose.
- It is the comparative study of the cost versus the benefit and savings that are expected from the proposed system, since the organization is well equipped with the organization is well equipped with the required hardware the project was found to be economically.

Cost Estimation: -

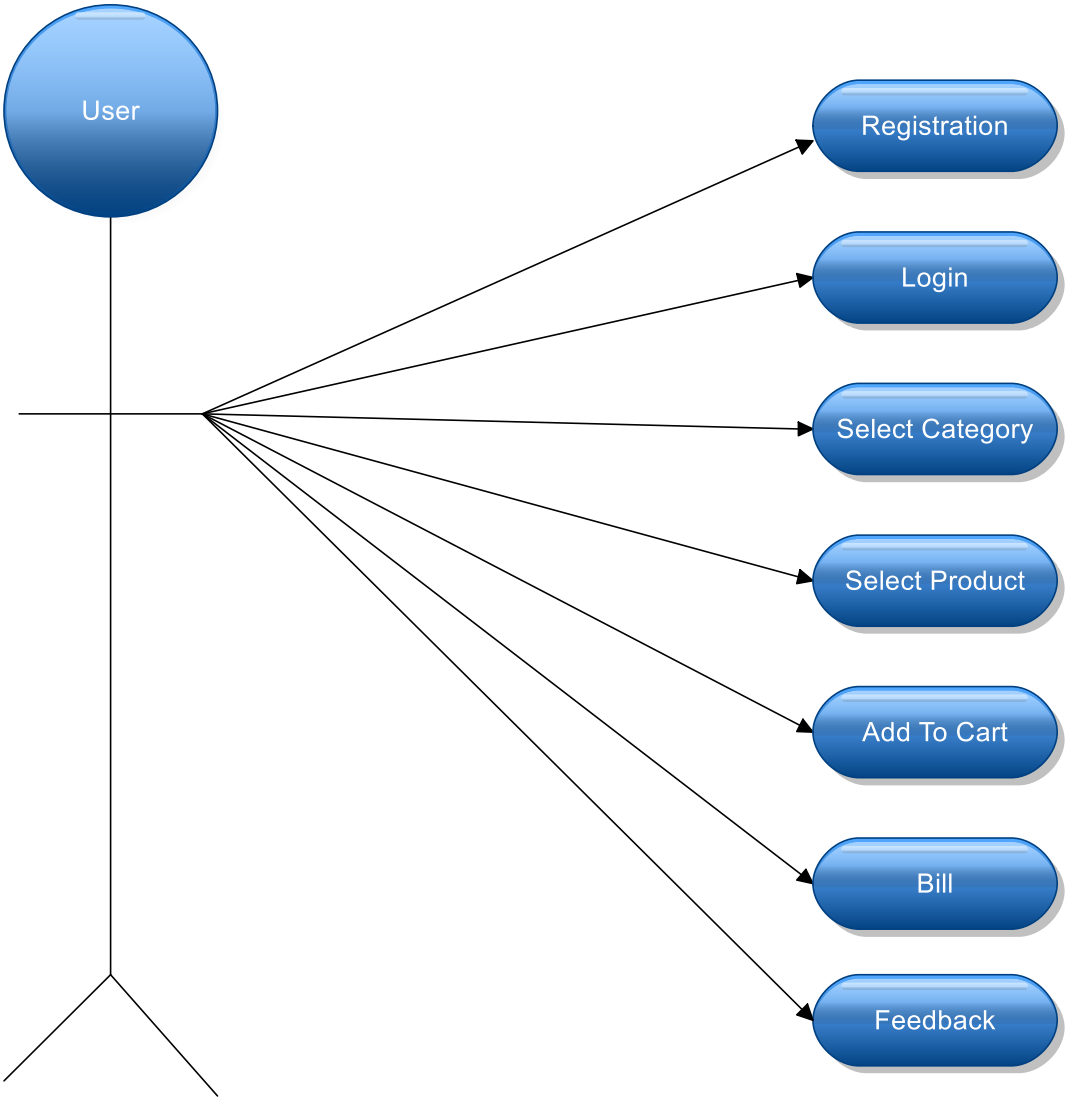
- Working the estimation is given:
- 3Months and 3 days =95days
- Hours 1 days = 95*4=380/24 = 16days
- Now, the expense & cost estimation

Light Bill	3000
Energy charge	2500
Database design	3000
Coding	7500
Internet connection	2000
Extra activity	2000
Total	**20000 Rs**.

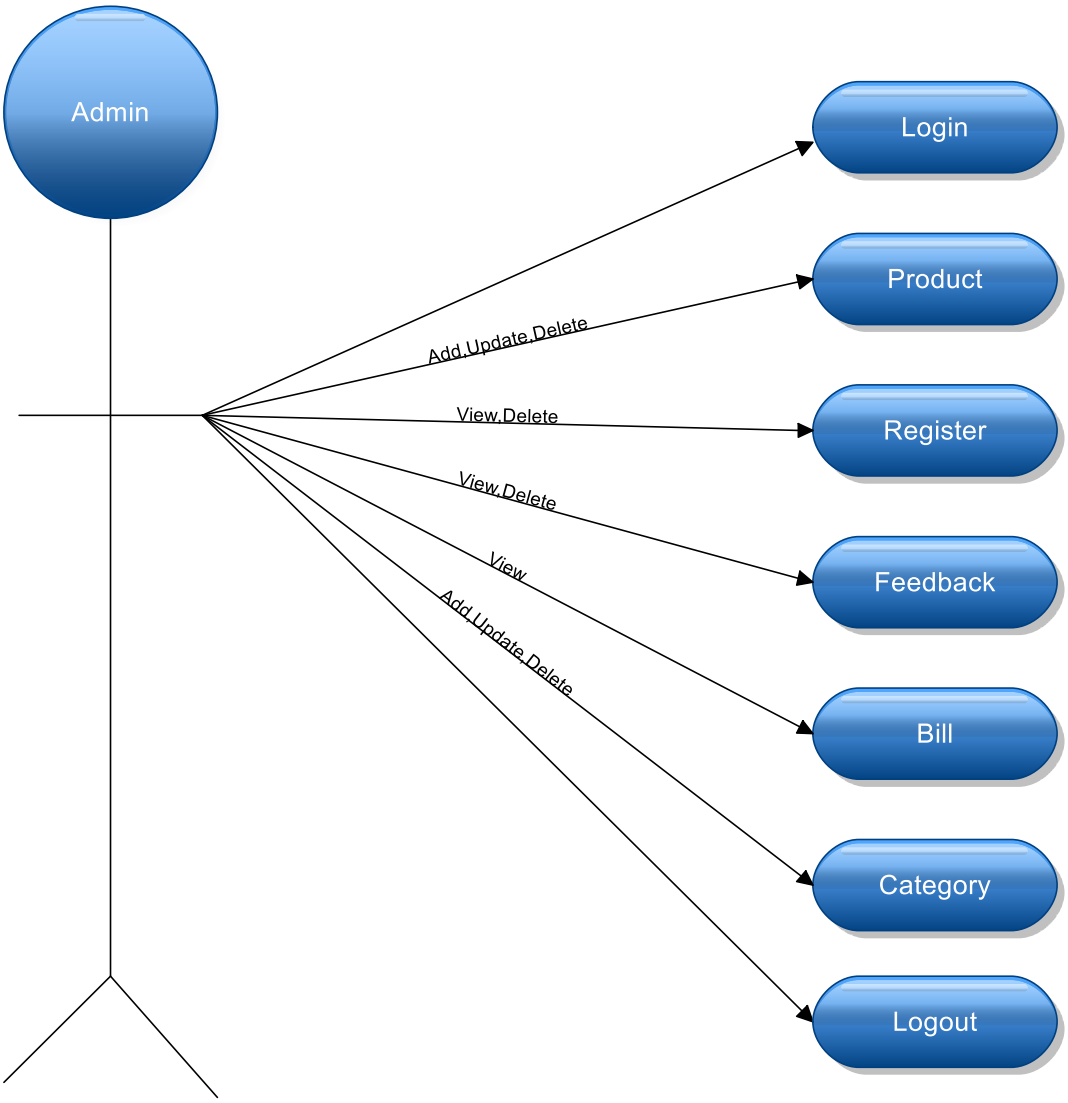
5. DATABASE DESIGN

5.1 Use Case Diagram:-

USER:-



ADMIN:-


Admin
Login
Product
Add,Update,Delete
View,Delete
Register
View,Delete
Feedback
View
Add,Update,Delete
Bill
Category
Logout

5.2 DFD (Data Flow Diagram):-

Data is the life blood of any system. Diagram of flow of data in system and its processing. which converts data into valuable information in known as data flow diagram.

It will not show logic of the algorithm its shows only flow of the data from the process to the process or from the table or from external source to the external source to the external destination.

[1] Data process:

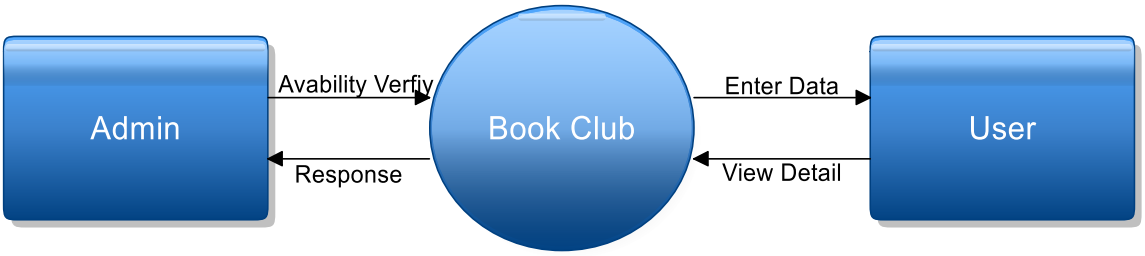
[2] Data Store:

[3]External interaction:-

[4]Dynamic connector

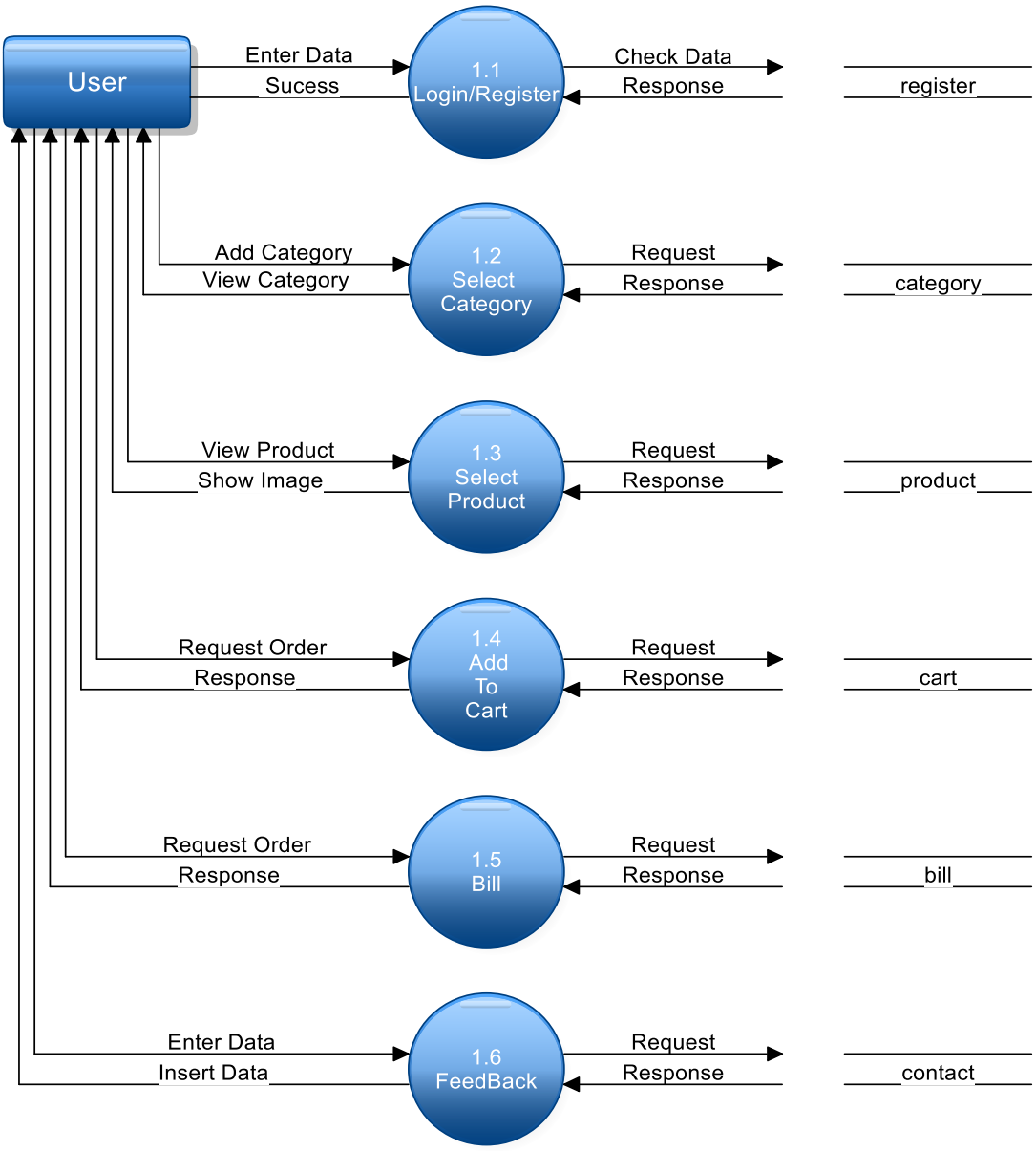
5.2.1 DFD :-

Level – 0:-

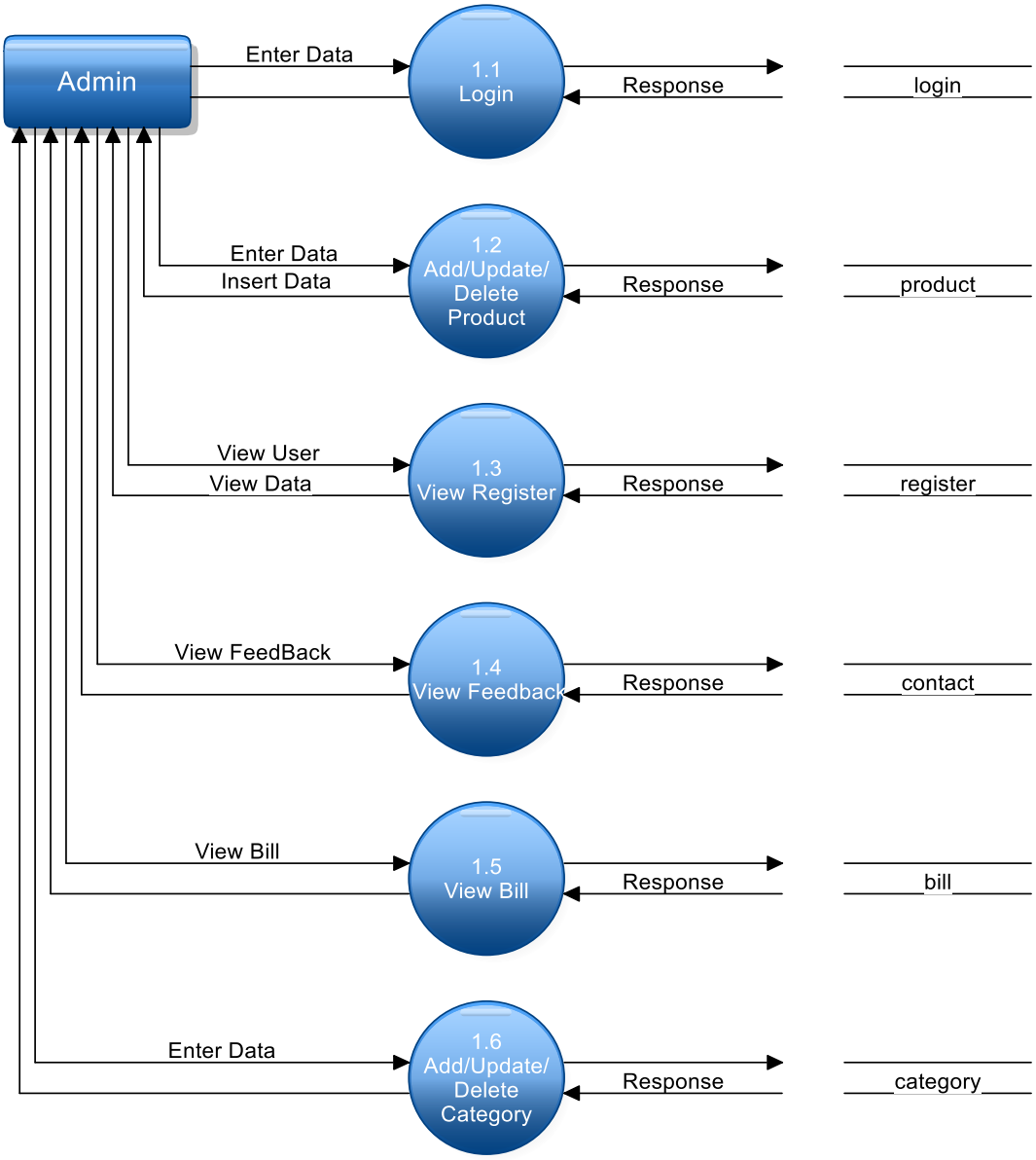


Level – 1:-

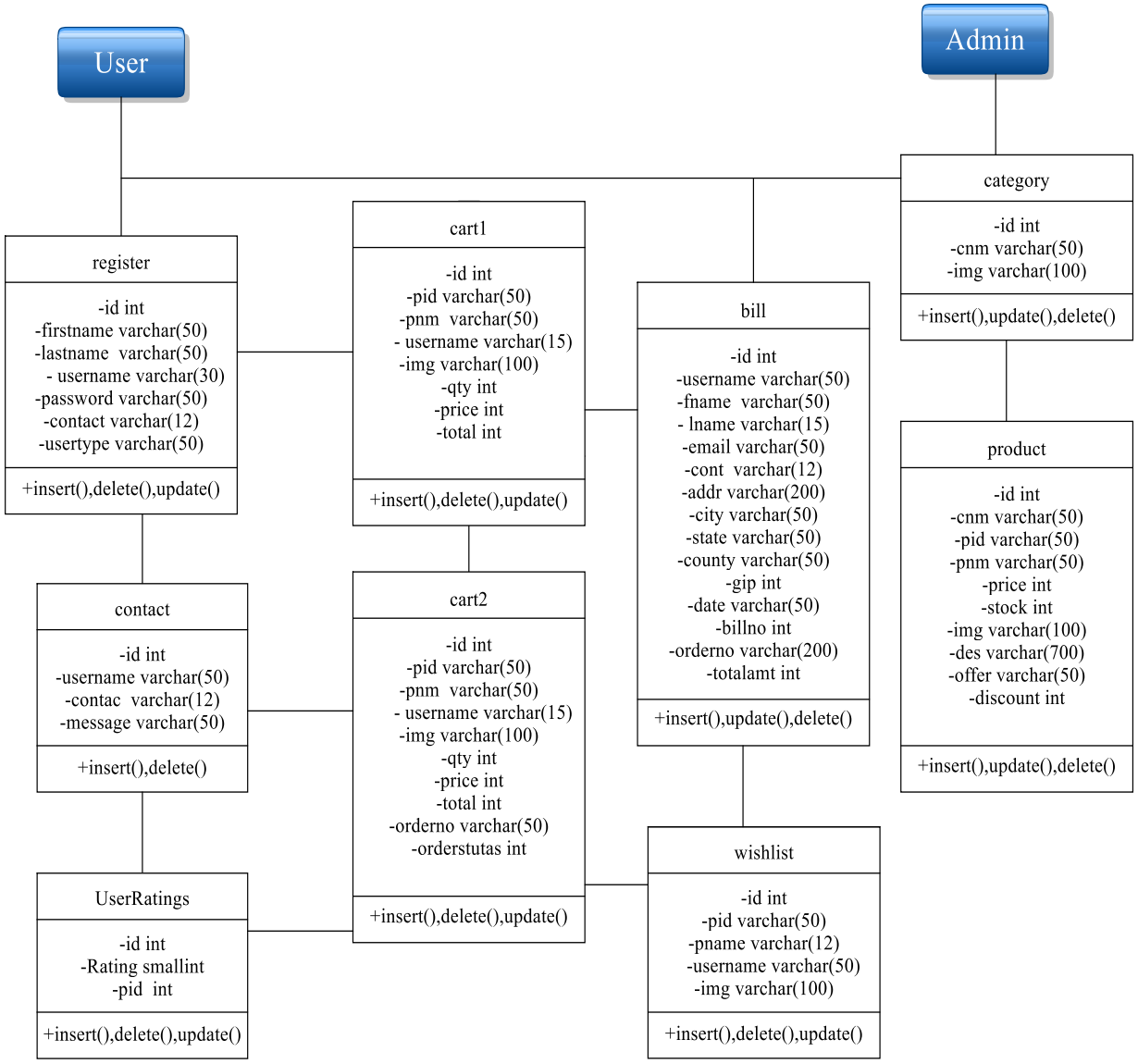
User:


User
Enter Data
Sucess
1.1
Login/Register
Check Data
Response
register
Add Category
View Category
1.2
Select
Category
Request
Response
category
View Product
Show Image
1.3
Select
Product
Request
Response
product
Request Order
Response
1.4
Add
To
Cart
Request
Response
cart
Request Order
Response
1.5
Bill
Request
Response
bill
Enter Data
Insert Data
1.6
FeedBack
Request
Response
contact

Admin:-


Admin
Enter Data
1.1
Login
Response
login
Enter Data
Insert Data
1.2
Add/Update/
Delete
Product
Response
product
View User
View Data
1.3
View Register
Response
register
View FeedBack
1.4
View Feedback
Response
contact
View Bill
1.5
View Bill
Response
bill
Enter Data
1.6
Add/Update/
Delete
Category
Response
category

5.3 Class Diagram:-



5.4 DATA DICTIONARY:-

The Data Dictionary can be specifically defining as an exhaustively organized list of all data elements that are pertinent to the system with precise, rigorous understanding of inputs and outputs and the components of stores along with all the constraints and intermediate calculations.

In other words, a data dictionary is a catalogue – a repository of element in a system. Here in a data dictionary one can find list of all the elements composing the data flowing through a system. The major elements are data flows, data stores and process. The data dictionary stores the details and description of all these elements.

Importance of Data Dictionary:-

- To manage the details in large system.
- To communicate a common meaning for all system elements.
- To document the features of a system. To facilitate analyst for the details in order to evaluate system requirements.

Following is the list of Tables which are used in my project. Consider Following Data Dictionary which denotes tables detail.

Table:-1 register

Table:-2 category

Table:-3 product

Table:-4 contact

Table:-5 wishlist

Table:-6 cart1

Table:-7 cart2

Table:-8 UserRatings

Table:-9 bill

Table 1:-register

Fieldname	Data Type
id	int
firstname	varchar(50)
lastname	varchar(50)
username	varchar (50)
password	varchar(30)
contactno	varchar(12)
usertype	varchar(50)

Table 2:-category

Fieldname	Data Type
id	int
cnm	varchar(30)
img	varchar (200)

Table 3:-product

Fieldname	Data Type
id	int
cnm	varchar(30)
pid	varchar(50)
pnm	varchar (50)
price	int
stock	int
img	varchar(200)
des	varchar(1000)
offer	varchar(50)

Table 4:-Contact

Fieldname	Data Type
id	int
email	varchar(50)
contactno	varchar(12)
message	varchar (1000)

Table 5:-wishlist

Fieldname	Data Type
id	int
Pid	varchar(50)
pnm	varchar(50)
username	varchar(50)
img	varchar(100)

Table 6:-cart1

Fieldname	Data Type
id	int
pid	varchar(50)
pnm	varchar(50)
username	varchar (50)
img	varchar(50)
qty	int
price	int
total	int

Table 7:-cart2

Fieldname	Data Type
id	int
pid	varchar(50)
pnm	varchar(50)
username	varchar(50)
img	varchar(200)
qty	int
price	int
total	int
orderno	varchar(100)

Table 8:-UserRatings

Fieldname	Data Type
id	int
Rating	smallint
pid	int

Table 9:-bill

Fieldname	Data Type
id	int
username	varchar(50)
fname	varchar(30)
lname	varchar(30)
email	varchar(50)
cont	varchar(12)
addr	varchar(500)
city	varchar(50)
state	varchar(50)
country	varchar(50)
zip	int
date	varchar(50)
billno	int
orderno	varchar(100)
totalamt	int

6. DATABASE NORMALIZATION

UNnormalization: -

id	id	pname
username	pnm	image
email	image	qty
password	pid	price
role	height	email
id	width	id
username	price	firstname
email	stock	lastname
message	description	email
id	id	contactno
category	pid	address
country	state	city
zip	date	totalamt
id	Rating	pid
discount	orderstatus	pid
pnm	username	img

- There are three types of normalization:-
  - 1NF
  - 2NF
  - 3NF

1NF:-

Table 1:-register

Fieldname	Data Type
id	int
firstname	varchar(50)
lastname	varchar(50)
username	varchar (50)
password	varchar(30)
contactno	varchar(12)
usertype	varchar(50)

Table 2:-category

Fieldname	Data Type
id	int
cnm	varchar(30)
img	varchar (200)

Table 3:-product

Fieldname	Data Type
id	int
cnm	varchar(30)
pid	varchar(50)
pnm	varchar (50)
price	int
stock	int
img	varchar(200)
des	varchar(1000)
offer	varchar(50)

Table 4:-Contact

Fieldname	Data Type
id	int
email	varchar(50)
contactno	varchar(12)
message	varchar (1000)

Table 5:-cart1

Fieldname	Data Type
id	int
pid	varchar(50)
pnm	varchar(50)
username	varchar (50)
img	varchar(50)
qty	int
price	int
total	int

Table 6:-cart2

Fieldname	Data Type
id	int
pid	varchar(50)
pnm	varchar(50)
username	varchar(50)
img	varchar(200)
qty	int
price	int
total	int
orderno	varchar(100)

Table 7:-bill

Fieldname	Data Type
id	int
username	varchar(50)
fname	varchar(30)
lname	varchar(30)
email	varchar(50)
cont	varchar(12)
addr	varchar(500)
city	varchar(50)
state	varchar(50)
country	varchar(50)
zip	int
date	varchar(50)
billno	int
orderno	varchar(100)
totalamt	int

Table 8:-UserRatings

Fieldname	Data Type
id	int
Rating	smallint
pid	int

Table 9:-wishlist

Fieldname	Data Type
id	int
Pid	varchar(50)
pnm	varchar(50)
username	varchar(50)
img	varchar(100)

2NF:-

Table 1:-register

Fieldname	Data Type	Constraint
id	int	Primary Key
firstname	varchar(50)	-
lastname	varchar(50)	-
username	varchar (50)	-
password	varchar(30)	-
contactno	varchar(12)	-
usertype	varchar(50)	-

Table 2:-category

Fieldname	Data Type	Constraint
id	int	Primary Key
cnm	varchar(30)	-
img	varchar (200)	-

Table 3:-product

Fieldname	Data Type	Constraint
id	int	Primary Key
cnm	varchar(30)	-
pid	varchar(50)	-
pnm	varchar (50)	-
price	int	-
stock	int	-
img	varchar(200)	-
des	varchar(1000)	-
offer	varchar(50)	-

Table 4:-Contact

Fieldname	Data Type	Constraint
id	int	Primary Key
email	varchar(50)	-
contactno	varchar(12)	-
message	varchar (1000)	-

Table 5:-cart1

Fieldname	Data Type	Constraint
id	int	Primary Key
pid	varchar(50)	-
pnm	varchar(50)	-
username	varchar (50)	-
img	varchar(50)	-
qty	int	-
price	int	-
total	int	-

Table 6:-cart2

Fieldname	Data Type	Constraint
id	int	Primary Key
pid	varchar(50)	-
pnm	varchar(50)	-
username	varchar(50)	-
img	varchar(200)	-
qty	int	-
price	int	-
total	int	-
orderno	varchar(100)	-

Table 7:-bill

Fieldname	Data Type	Constraint
id	int	Primary Key
username	varchar(50)	-
fname	varchar(30)	-
lname	varchar(30)	-
email	varchar(50)	-
cont	varchar(12)	-
addr	varchar(500)	-
city	varchar(50)	-
state	varchar(50)	-
country	varchar(50)	-
zip	int	-
date	varchar(50)	-
billno	int	-
orderno	varchar(100)	-
totalamt	int	-

Table 8:-UserRatings

Fieldname	Data Type	Constraint
id	int	Primary Key
Rating	smallint	-
pid	int	-

Table 9:-wishlist

Fieldname	Data Type	Constraint
id	int	Primary Key
Pid	varchar(50)	-
pnm	varchar(50)	-
username	varchar(50)	-
img	varchar(100)	-

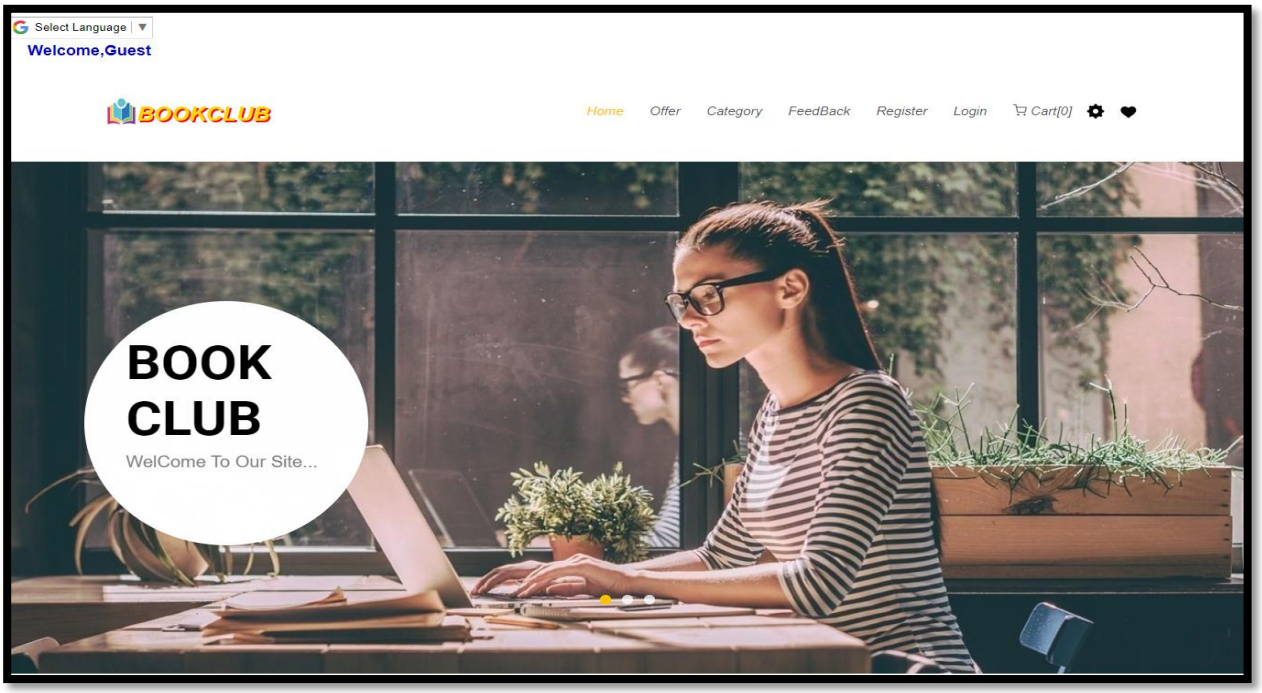
3NF:-

Fieldname	Data Type	Constraint
id	int	Primary Key
username	varchar(50)	-
fname	varchar(50)	-
lname	varchar(50)	-
email	varchar(50)	-
pid	varchar(50)	-
pnm	varchar(50)	-
img	varchar(200)	-
qty	int	-
price	int	-
orderno	varchar(100)	-
date	varchar(50)	-
contacno	varchar(12)	-
des	varchar(2000)	-

7. SCREEN SHORT

User Side:

➢ Home Page

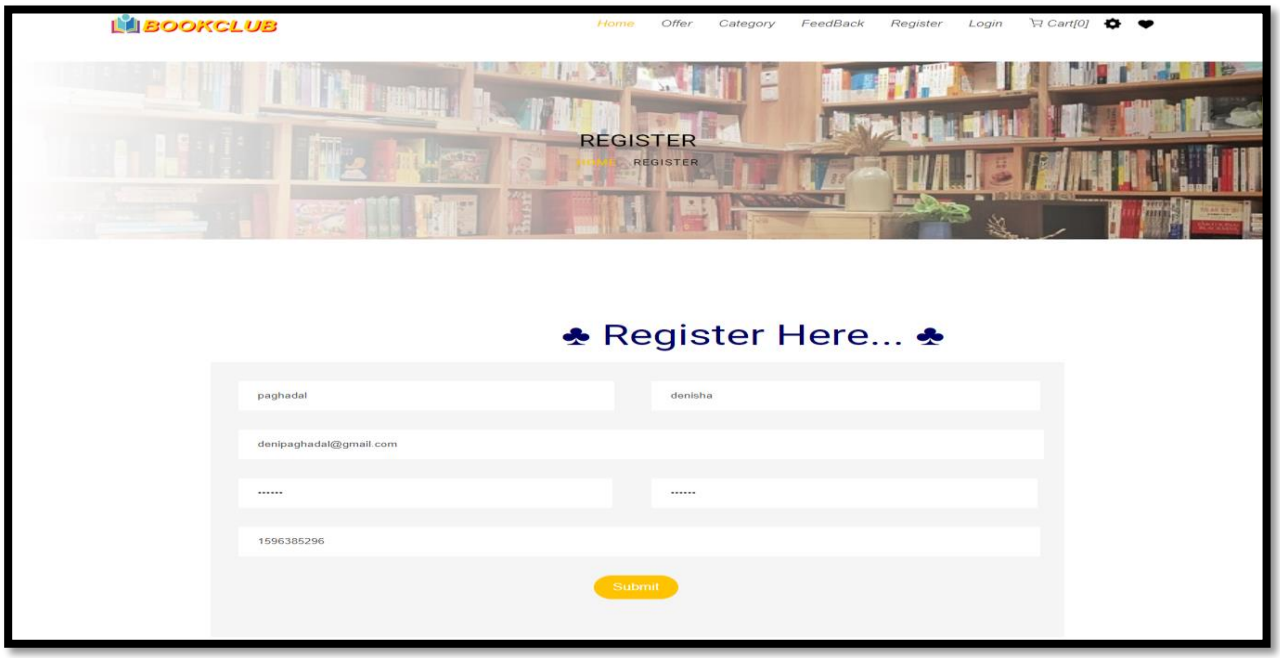


➢ Register

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Configuration;

public partial class register : System.Web.UI.Page
{
SqlConnection cn;
protected void Page_Load(object sender, EventArgs e)
{
cn = new SqlConnection(ConfigurationManager.ConnectionStrings["cn"].ConnectionString);
}

protected void Button1_Click(object sender, EventArgs e)
{
string q = "select username from register where username='" + TextBox3.Text + "'";
```

```
SqlCommand c = new SqlCommand(q, cn);
cn.Open();
SqlDataReader dr = c.ExecuteReader();
if (dr.Read())
{
Response.Write("<script>alert('email is match')</script");
cn.Close();

}
else
{

cn.Close();

string qry = "insert into
register(firstname,lastname,username,password,contact,usertype)values('" + TextBox1.Text +
"','" + TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox7.Text + "','" + TextBox6.Text
+ "','user')";
SqlCommand cmd = new SqlCommand(qry, cn);
cn.Open();

// Response.Write(qry);
int res = cmd.ExecuteNonQuery();
if (res > 0)
{
Response.Write("<script> alert('Sucessfully Register');</script>");
Response.Write("<script>window.location.href = 'Default.aspx'</script>");

}
else
{
Response.Write("<script>alert('Register Not Sucessfully');</script>");
Response.Write("<script>window.location.href = 'register.aspx'</script>");
}


cn.Close();
}


}


}
```

Output:

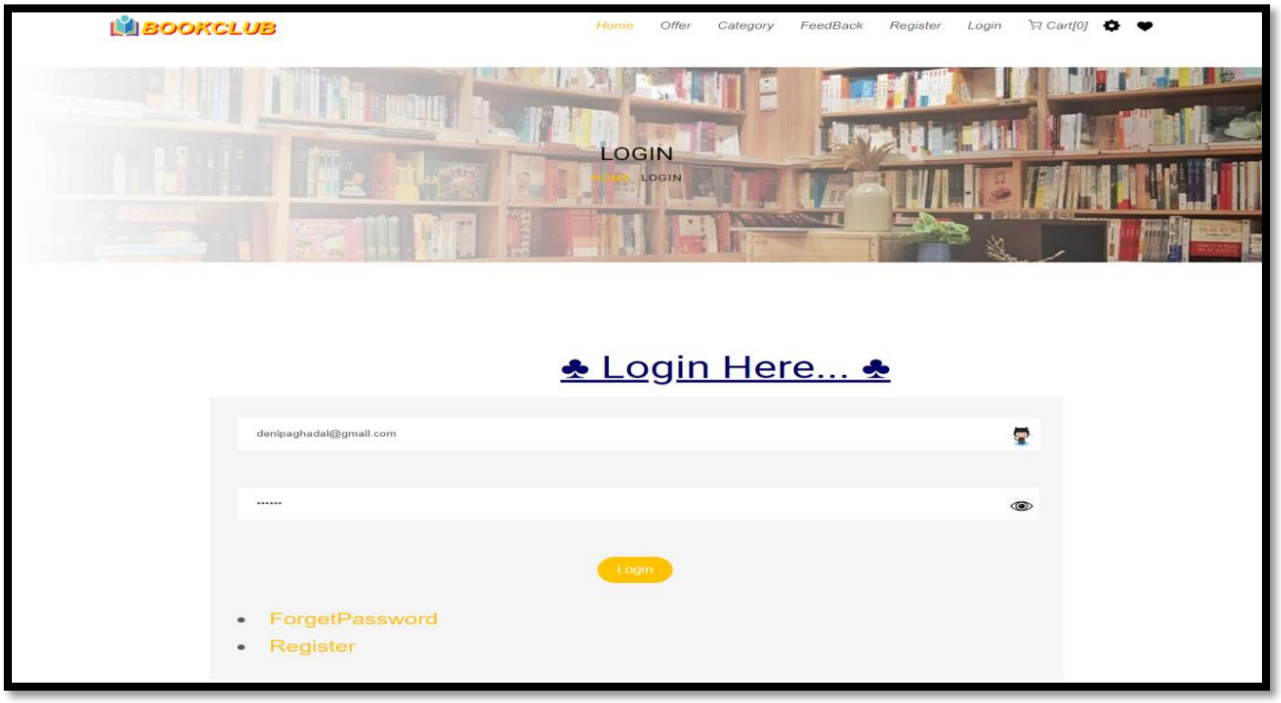


➢ Login

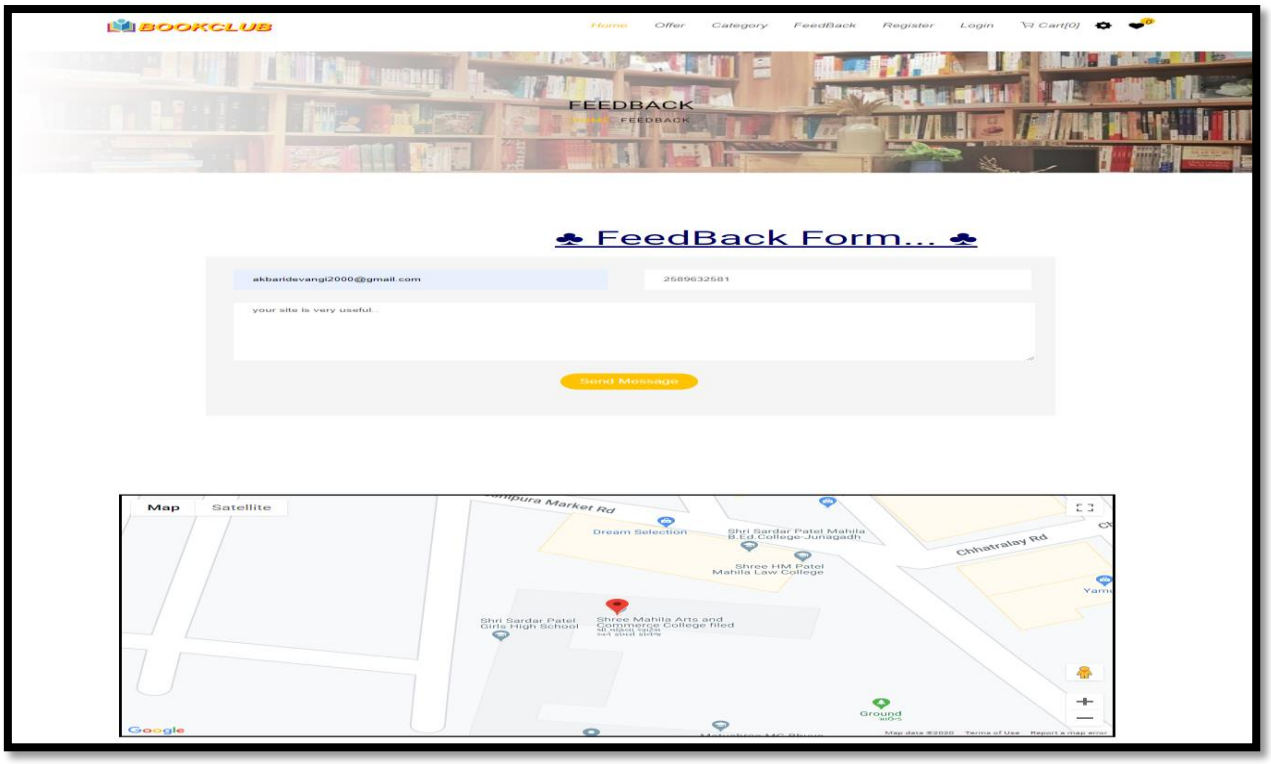
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Configuration;

public partial class login : System.Web.UI.Page
{
SqlConnection cn;
protected void Page_Load(object sender, EventArgs e)
{
cn = new SqlConnection(ConfigurationManager.ConnectionStrings["cn"].ConnectionString);
}

protected void Button1_Click(object sender, EventArgs e)
{
string qry="select * from register where username='"+TextBox1.Text+"'and
password='"+TextBox2.Text+"'";

SqlCommand cmd = new SqlCommand();
cmd.Connection = cn;
cmd.CommandText = qry;
cn.Open();
SqlDataReader dr = cmd.ExecuteReader();
if(dr.Read())

{
```

```
if (dr[6].ToString() == "user")
{


Response.Write("<script> alert('Login Sucessfully...');</script>");
Session["user"] = TextBox1.Text;
Session["nm"] = dr[1].ToString();

Response.Write("<script>window.location.href = 'Default.aspx'</script>");

}
else
{
Session["user"] = TextBox1.Text;
Session["nm"] = dr[1].ToString();

Response.Redirect("~//admin//Default.aspx");
}

}
else
{
Response.Write("<script>alert('Login Not Sucessfully');</script>");
Response.Write("<script>window.location.href = 'login.aspx'</script>");
}
}
}
```

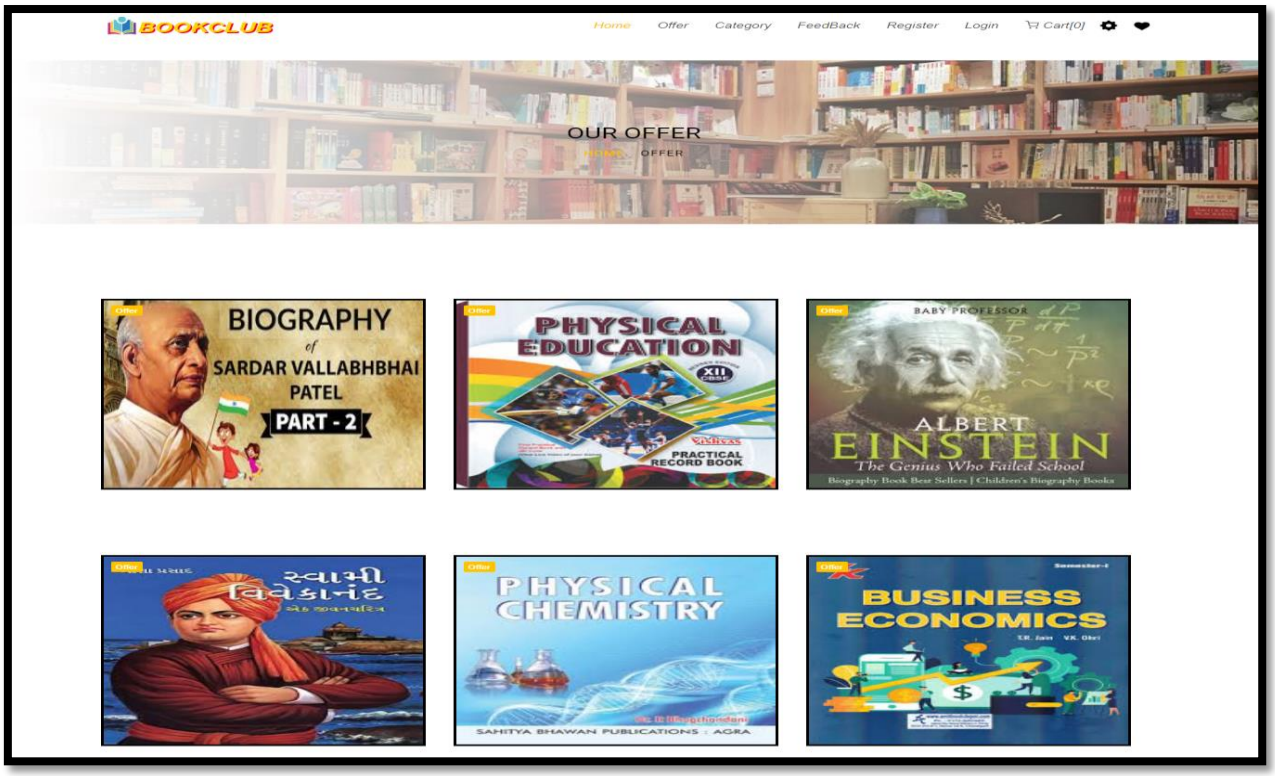
Output:



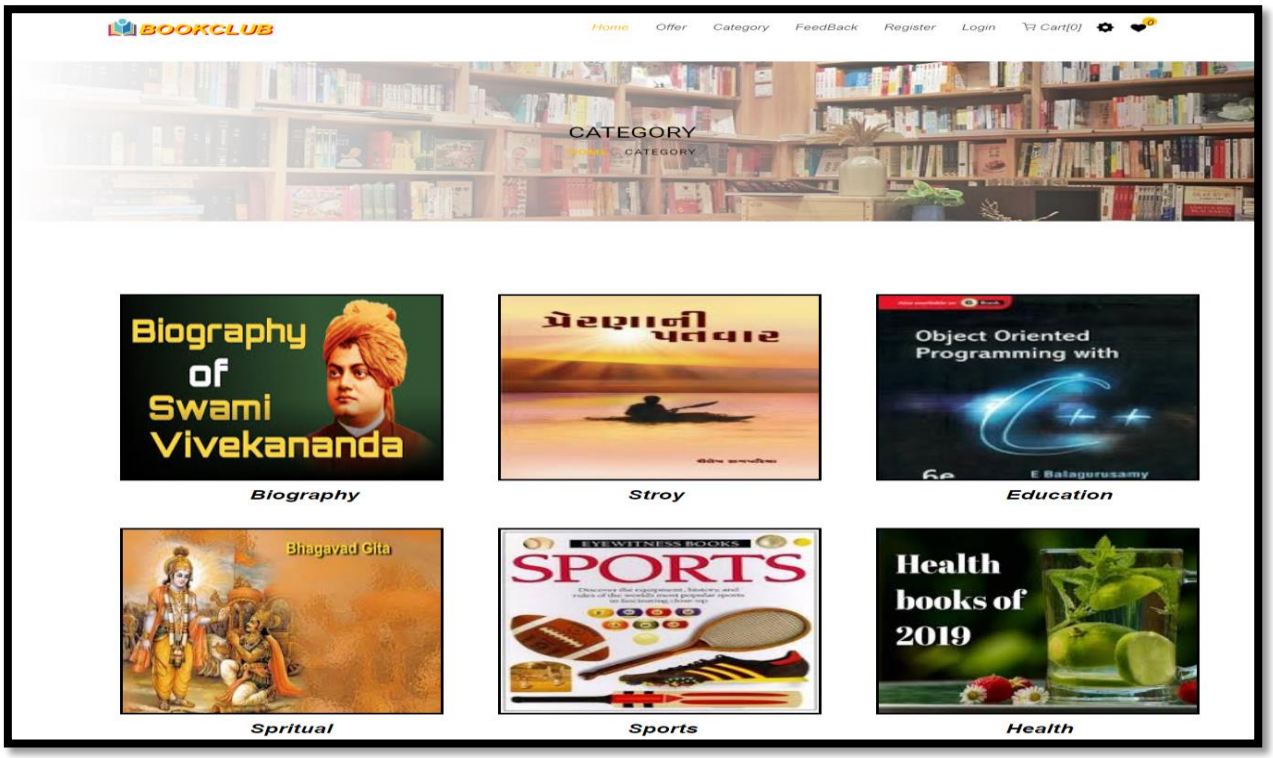
➢ FeedBack



➢ Offer

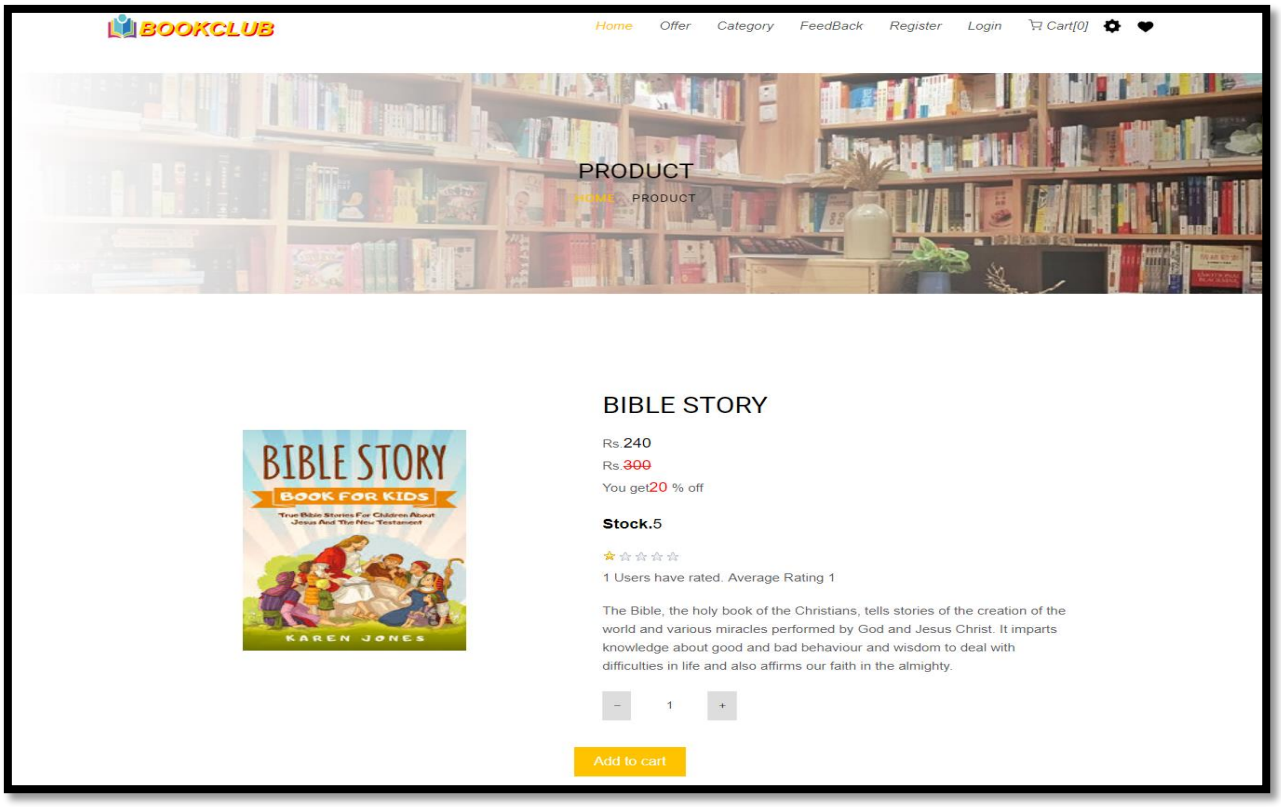


➢ Category

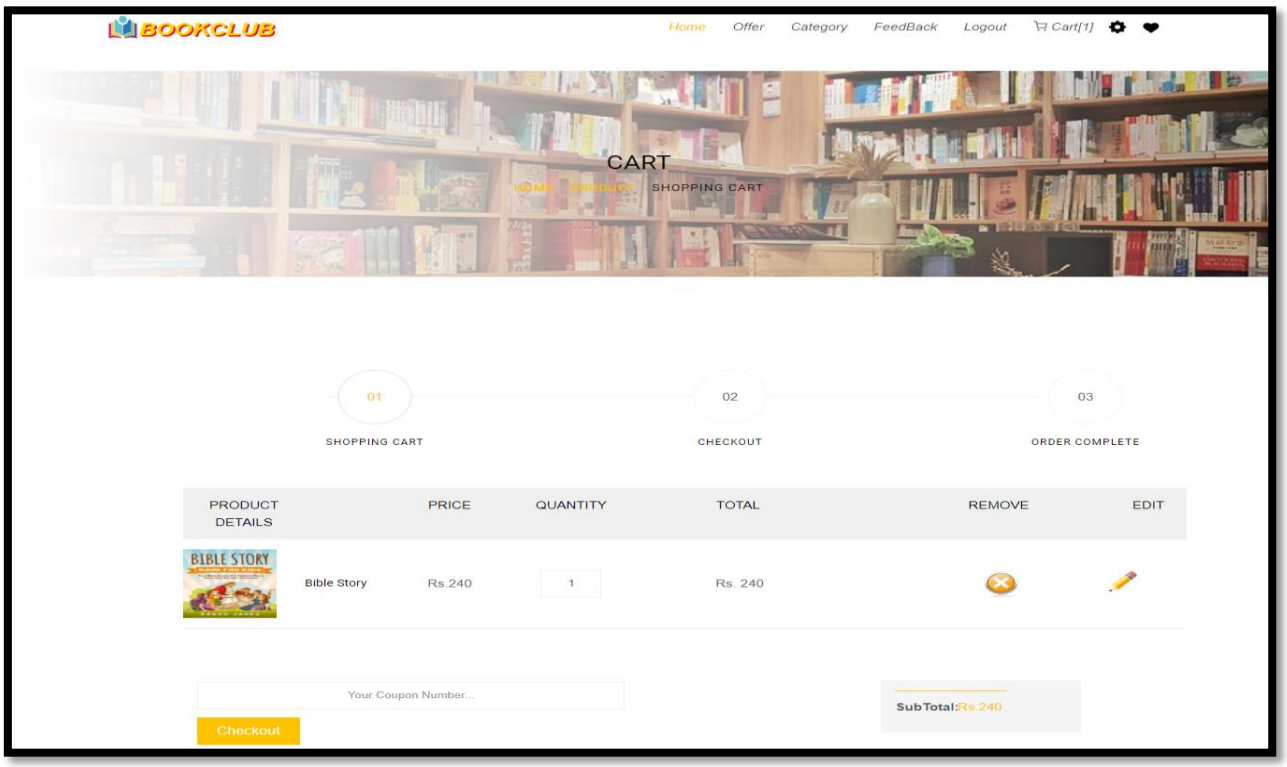


➢ SubCategory

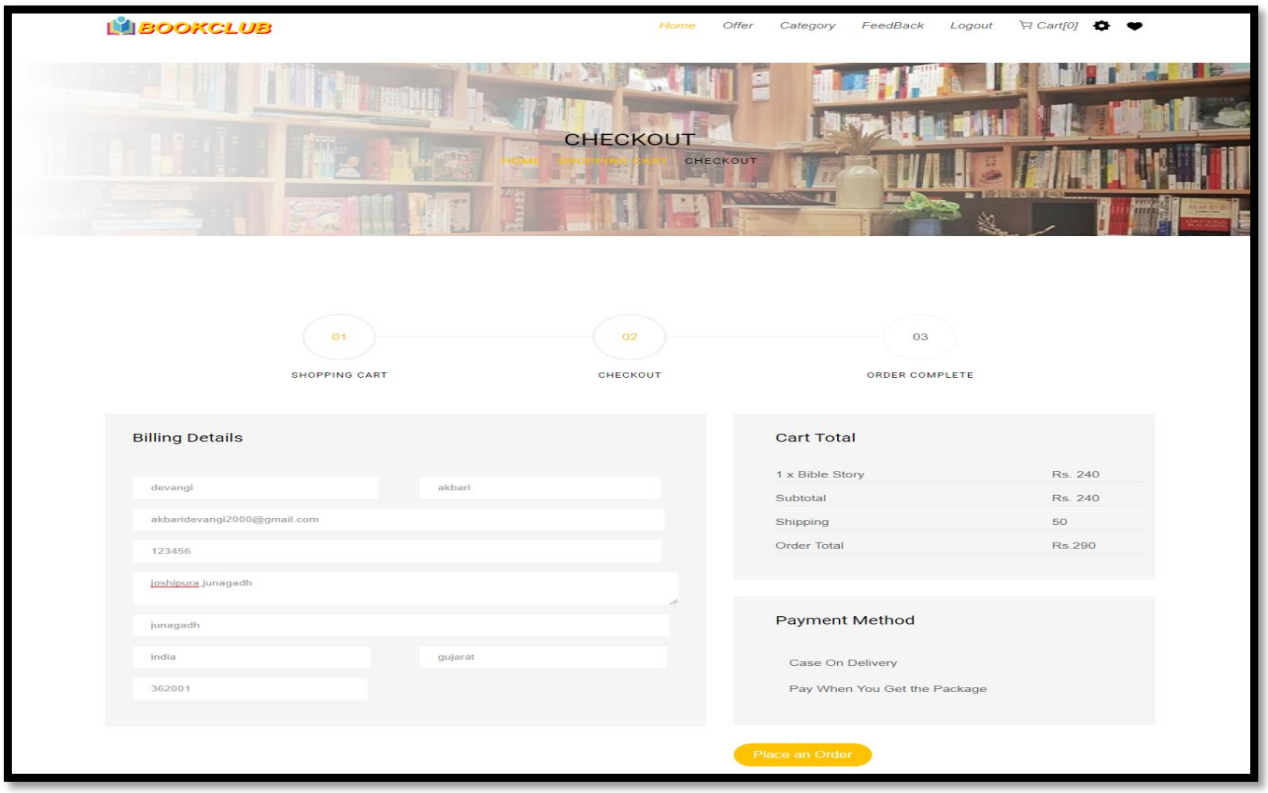
➢ Details



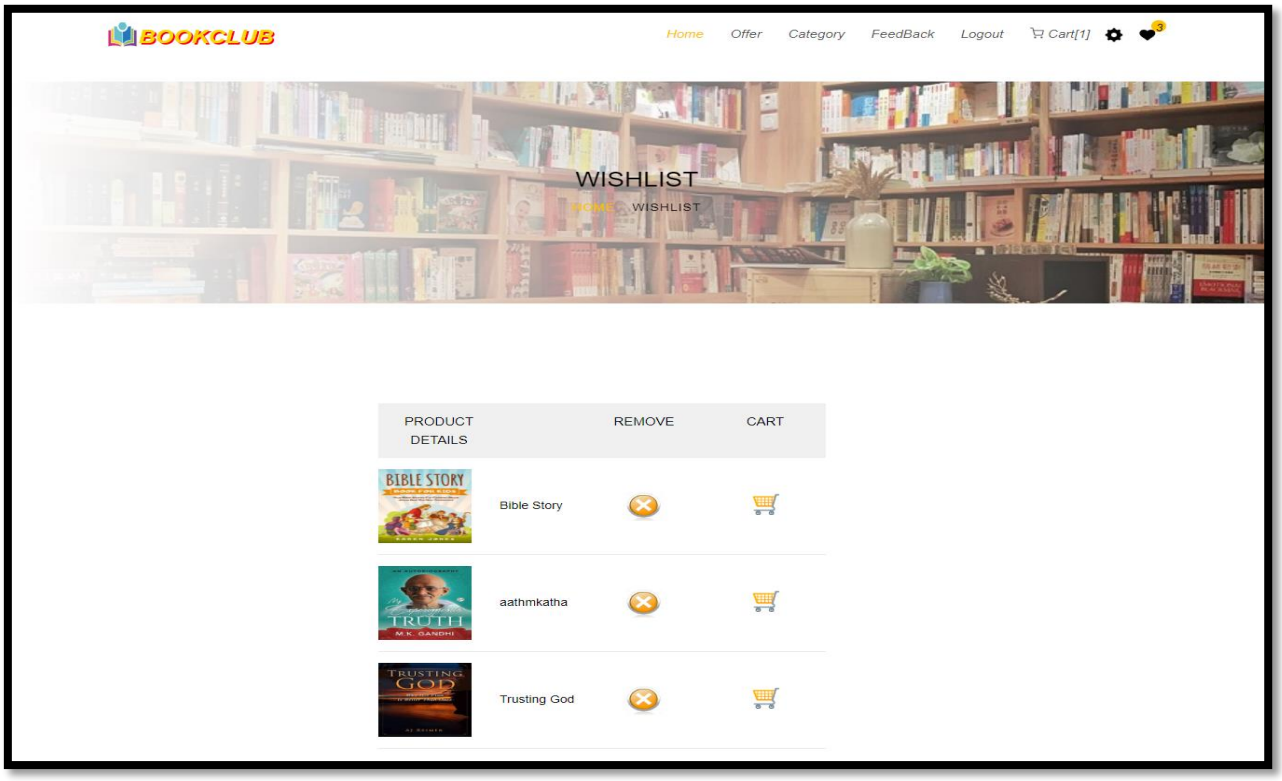
➢ Cart



➢ CheckOut

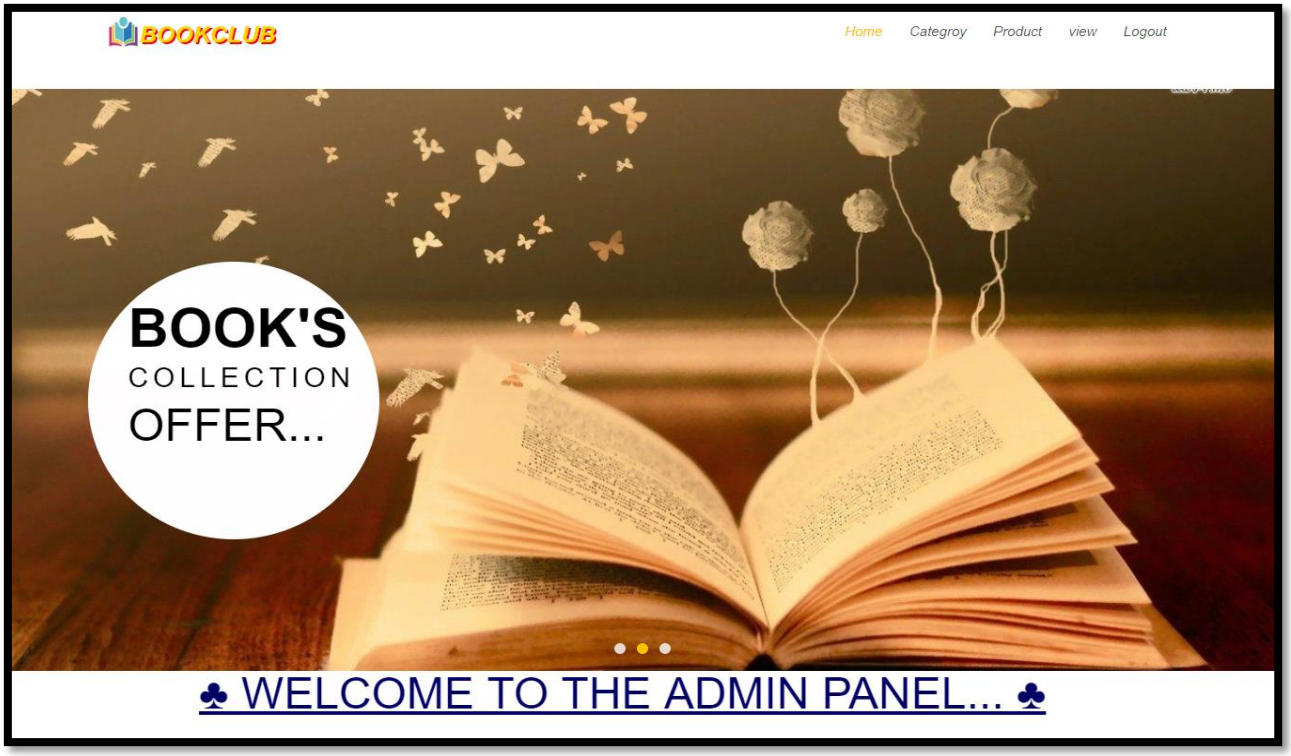


➢ WhishList

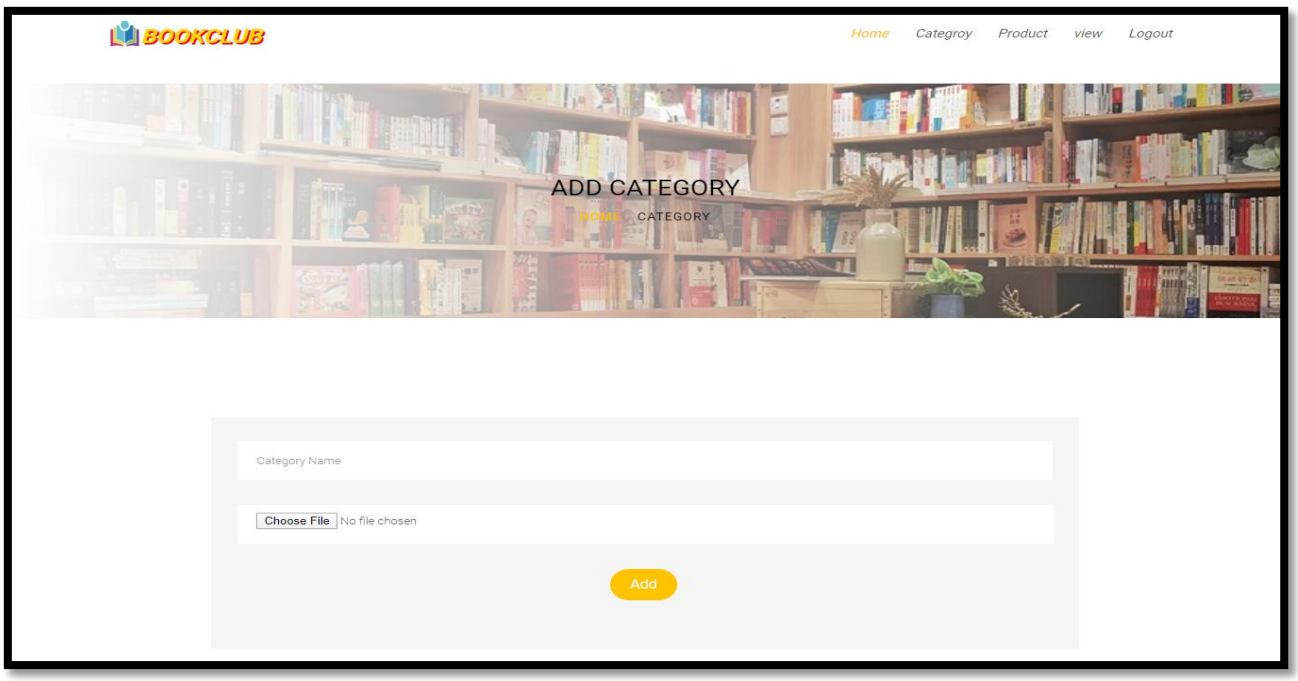


AdminSide:

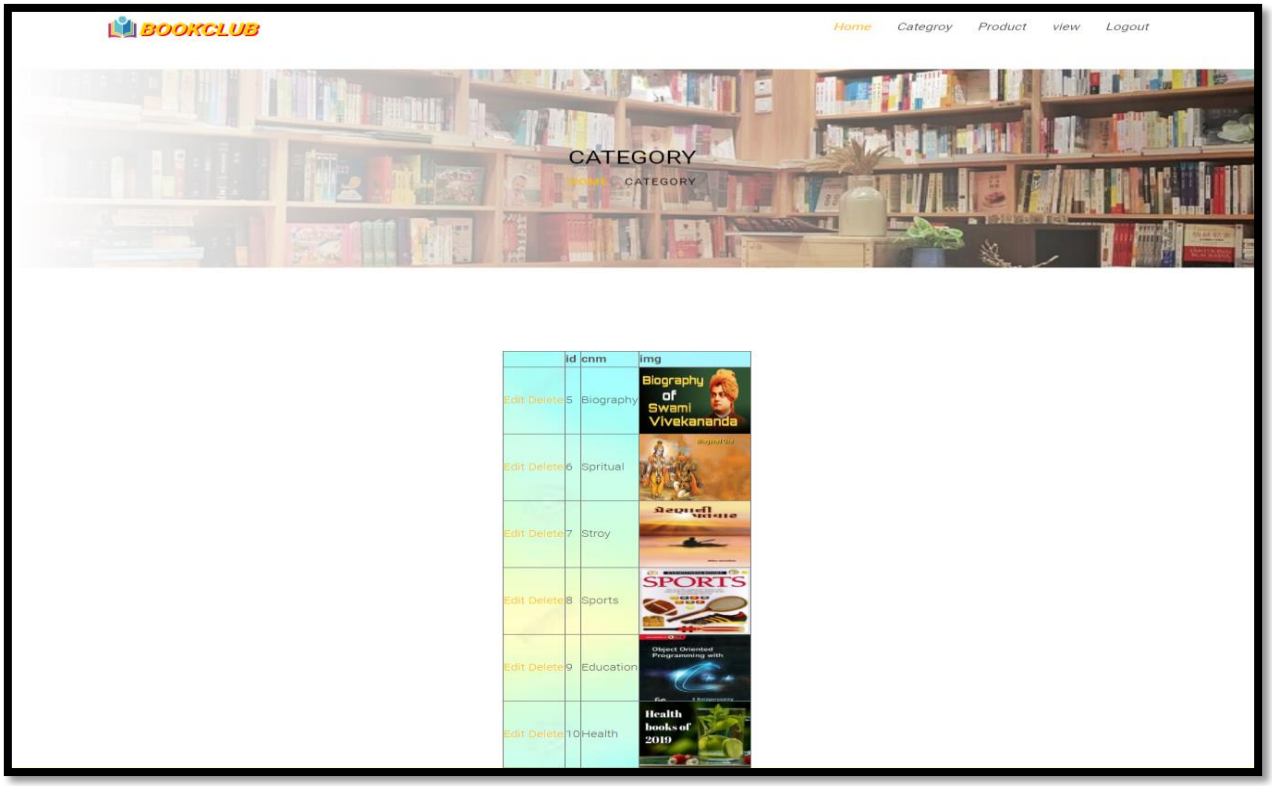
➢ Home Page



➢ Category Form



➢ View Category

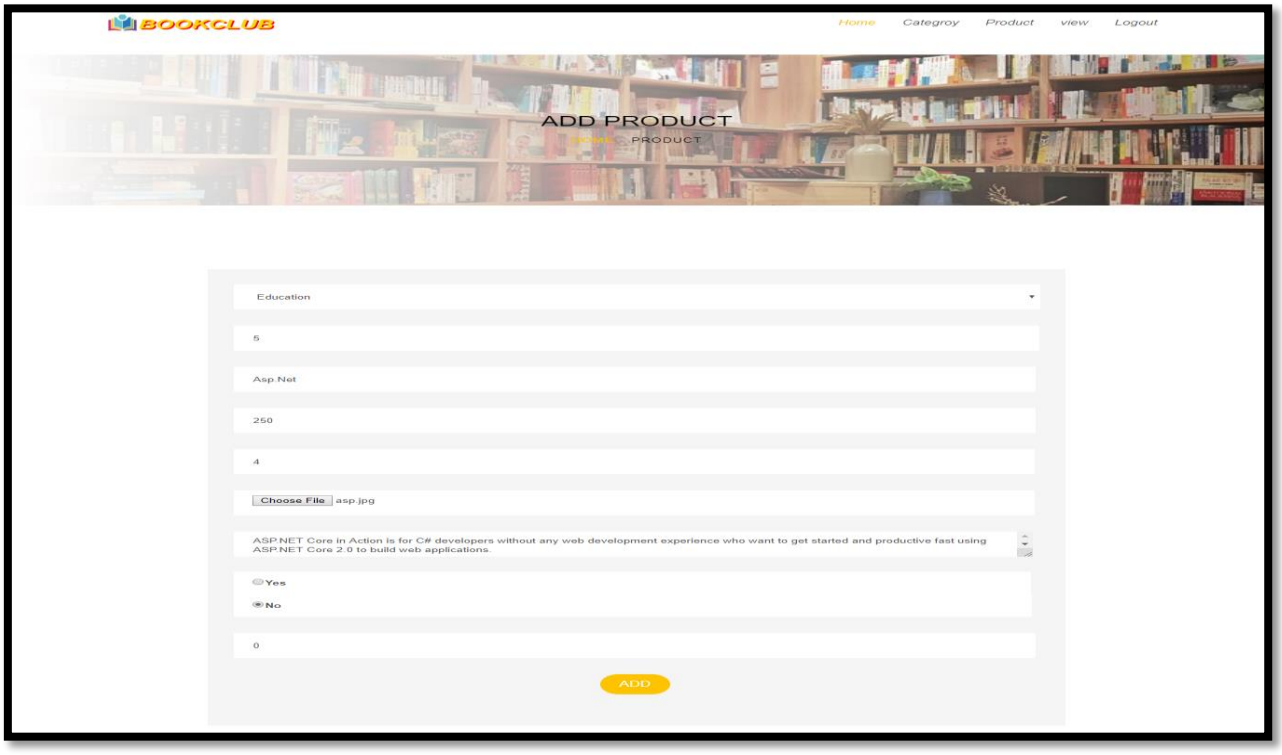


➢ Product Form

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Configuration;
public partial class Admin_product : System.Web.UI.Page
{
SqlConnection cn;
protected void Page_Load(object sender, EventArgs e)
{
cn = new SqlConnection(ConfigurationManager.ConnectionStrings["cn"].ConnectionString);
DropDownList2.Items.Add("--Select--");
SqlCommand cmd = new SqlCommand("select cnm from category",cn);
cn.Open();
SqlDataReader dr = cmd.ExecuteReader();
while(dr.Read())
{
DropDownList2.Items.Add(dr[0].ToString());
}
cn.Close();
}

protected void btn_Click(object sender, EventArgs e)
```

```
{

string g;
if (radio1.Checked)
{
g = "Yes";
}
else
{
g = "No";
}

string fn = "";
if (FileUpload1.HasFile)
{
fn = FileUpload1.FileName;
}


string qry = "insert into product(cnm,pid,pnm,price,stock,img,des,offer,discount)values('"
+DropDownList2.SelectedItem + "','" + TextBox1.Text + "','" + TextBox2.Text + "'," +
TextBox6.Text + "," + TextBox7.Text +
",'"+fn+"','"+TextBox8.Text+"','"+g.ToString()+"','"+TextBox9.Text+"')";
SqlCommand cmd = new SqlCommand(qry, cn);
cn.Open();
//Response.Write(qry);
int res = cmd.ExecuteNonQuery();
String str = Server.MapPath("~\\img\\");
if (res > 0)
{
FileUpload1.SaveAs(str + "\\" + fn);
Response.Write("<script> alert('Sucessfully Add Product');</script>");
Response.Write("<script>window.location.href = 'Default.aspx'</script>");
// Response.Redirect("~//Admin/Default.aspx");
}
else
{
Response.Write("<script>alert('Not Sucessfully Add Product');</script>");
Response.Write("<script>window.location.href = 'product.aspx'</script>");
}

cn.Close();
}
}
```

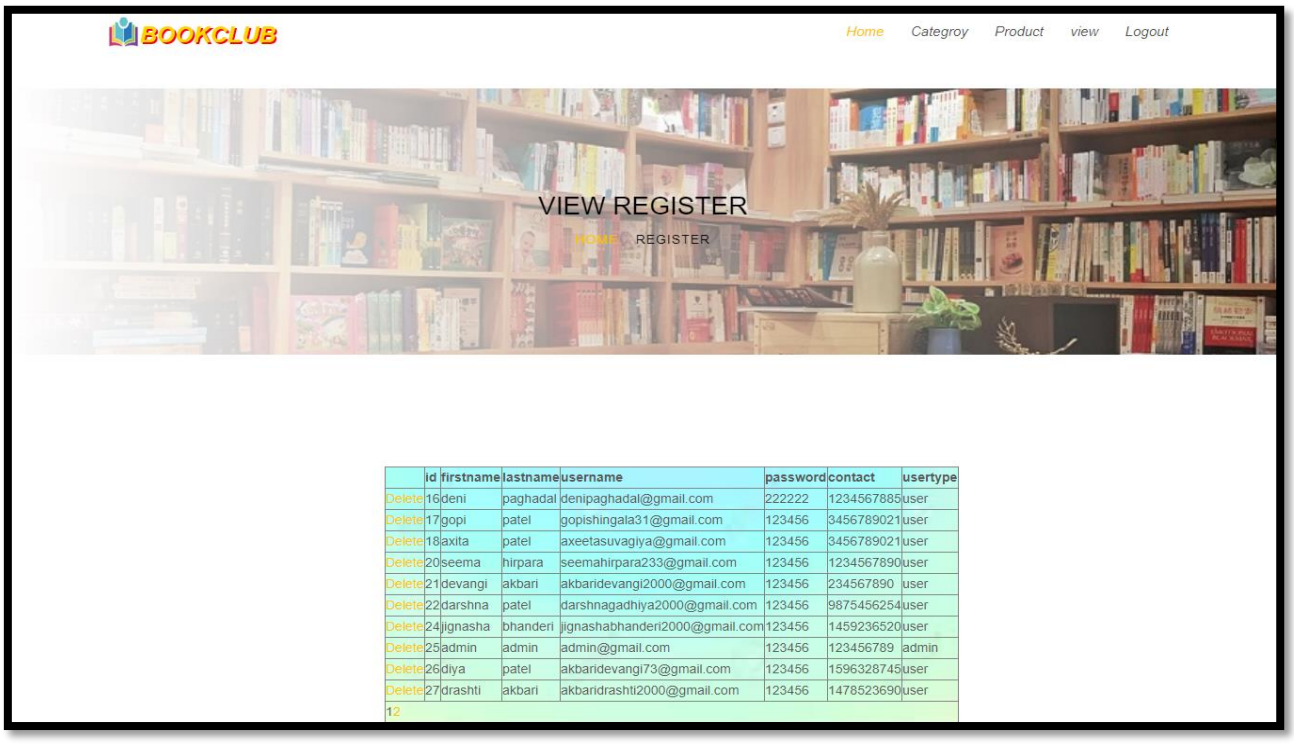
Output:-



➢ **View Product**

	id	cnm	pid	pnm	price	stock	img	des	offer	discount
Edit Delete	31	Biography	29	Dr.Sarvapali Radhakrushn	250	5		Sarvepalli Radhakrishnan, the great philosopher and statesman was the second President and the first Vice-President of India. He was a very prominent scholar and academician. His birthday is observed as Teacher's Day all over India. Born on 5 September 1888 at Tiruttani in Tamil Nadu.	No	0
Edit Delete	32	Health	30	Health books of 2019	100	6		THE TEEN HEALTH BOOK: A Parents' Guide to Adolescent Health and Well-Being. ... Extensive chapters on drugs and alcohol explain the physical and mental effects of different substances, and advise parents on talking to their teen about drug use.	No	0
Edit Delete	33	Stroy	31	A New Friend	120	9		A moving story of love, friendship, grief, healing, and the magical bond between a woman and her dog. When a woman unexpectedly loses her lifelong best friend and mentor, she finds herself burdened with the unwanted dog he has left behind.	No	0
Edit Delete	34	Stroy	31	Tom-Jerry	150	10		Tom and Jerry is an American animated series of comedy short films created in 1940 by William Hanna and Joseph Barbera. Best known for its 161 theatrical short films by Metro-Goldwyn-Mayer, the series centers on a rivalry between the title characters Tom, a cat, and Jerry, a mouse.	No	0
Edit Delete	35	Sports	32	cricket	270	10		Insightful and humorous, On Cricket is an intelligent exposition of the game's idiosyncratic culture and its enduring appeal by Mike Brearley, one of England's finest cricket captains. Enter your mobile number or email address below and we'll send you a link to download the free Kindle App.	Yes	0
Edit Delete	36	Sports	34	The Secret Game	230	5		"The Secret Game: A Wartime Story of Courage, Change, and Basketball's Lost Triumph," the riveting new book by Scott Ellsworth, uncovers the events of that day — and of the months and years leading up to it — as an early blow against the ironclad segregation of the Jim Crow South.	No	0

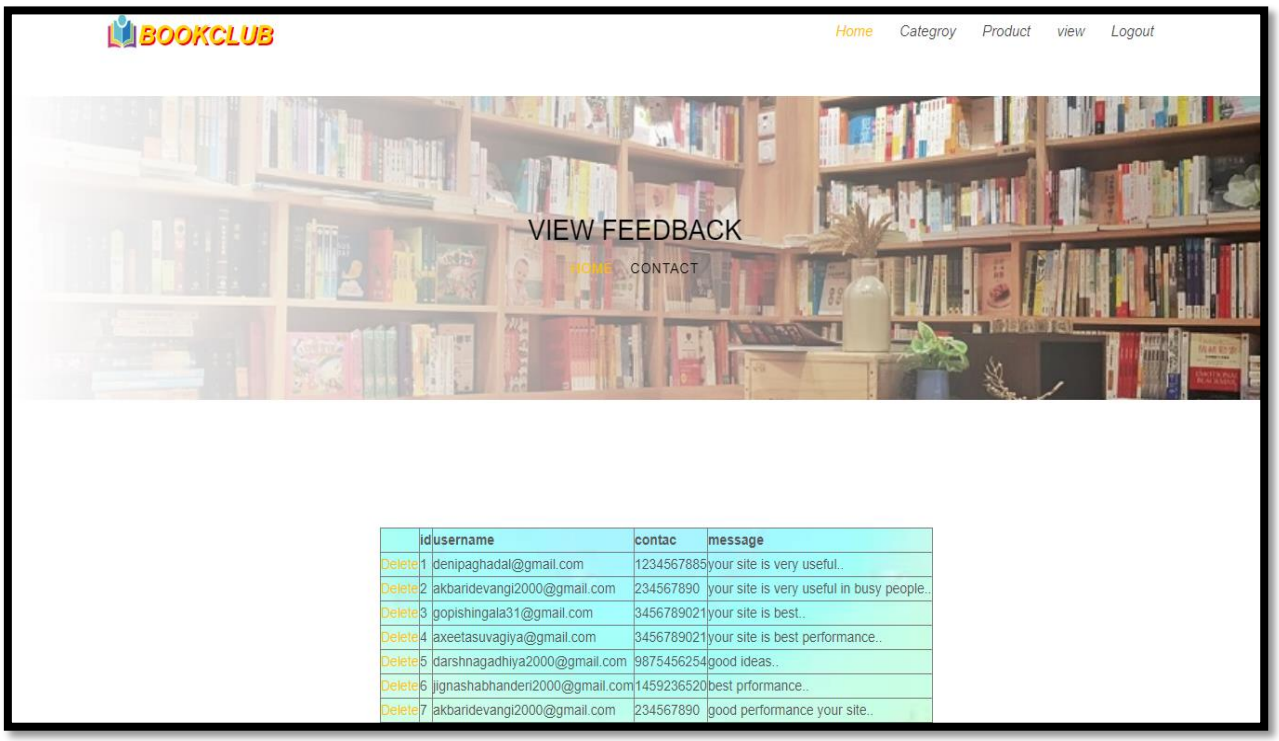
➢ View Register



	id	firstname	lastname	username	password	contact	usertype
Delete	16	deni	paghadal	denipaghadal@gmail.com	222222	1234567885	user
Delete	17	gopi	patel	gopishingala31@gmail.com	123456	3456789021	user
Delete	18	axita	patel	axeetasuvagiya@gmail.com	123456	3456789021	user
Delete	20	seema	hirpara	seemahirpara233@gmail.com	123456	1234567890	user
Delete	21	devangi	akbari	akbaridevangi2000@gmail.com	123456	234567890	user
Delete	22	darshna	patel	darshnagadhiya2000@gmail.com	123456	9875456254	user
Delete	24	jignasha	bhanderi	jignashabhanderi2000@gmail.com	123456	1459236520	user
Delete	25	admin	admin	admin@gmail.com	123456	123456789	admin
Delete	26	diya	patel	akbaridevangi73@gmail.com	123456	1596328745	user
Delete	27	drashti	akbari	akbaridrashti2000@gmail.com	123456	1478523690	user

1 2

➢ View FeedBack



	id	username	contac	message
Delete	1	denipaghadal@gmail.com	1234567885	your site is very useful..
Delete	2	akbaridevangi2000@gmail.com	234567890	your site is very useful in busy people..
Delete	3	gopishingala31@gmail.com	3456789021	your site is best..
Delete	4	axeetasuvagiya@gmail.com	3456789021	your site is best performance..
Delete	5	darshnagadhiya2000@gmail.com	9875456254	good ideas..
Delete	6	jignashabhanderi2000@gmail.com	1459236520	best prformance..
Delete	7	akbaridevangi2000@gmail.com	234567890	good performance your site..

8. SOFTWARE TESTING

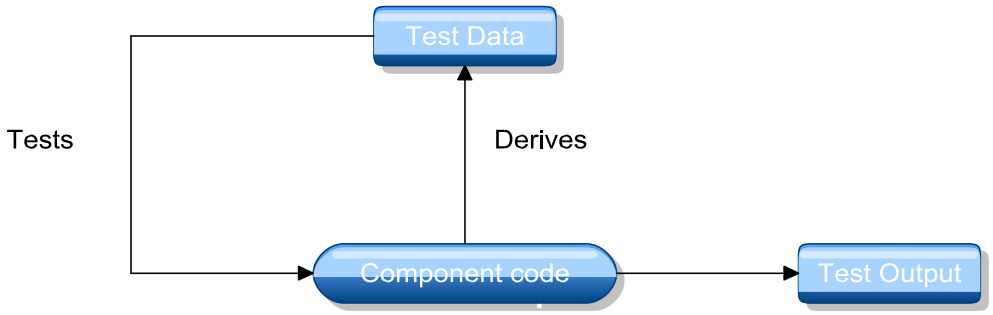
Software testing in values the executing of a software component or system component of evaluates one or more properties of interest.

Meet the requirements that guided its design the development. Responds correctly to all kinds of inputs. Perform its function whether on acceptable time. Is sufficiently usable.

8.1 Type of Testing: -

1. White Box Testing
2. Black Box Testing
3. Validation Testing
4. Alpha
5. Beta
6. Manually

8.1.1 White Box Testing:-

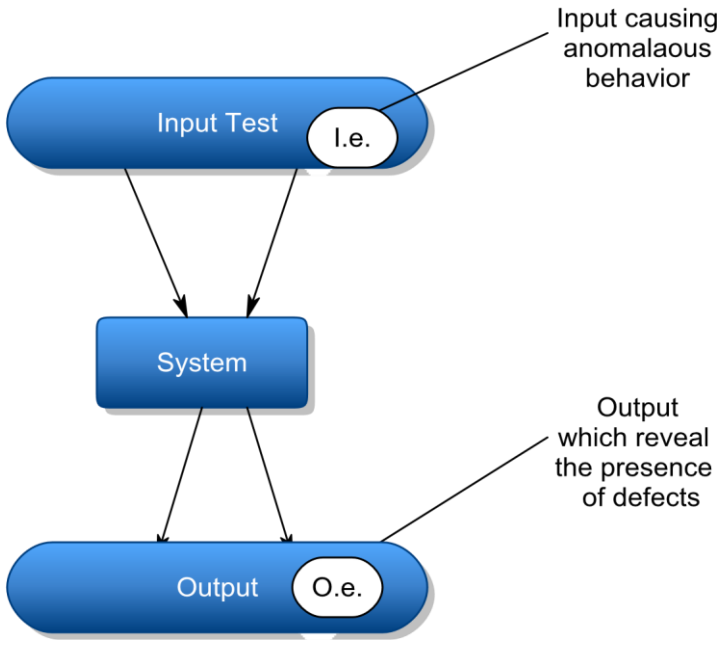


As per our project, we have used white box testing model because independent paths of PHP file and loop are the cornerstones of the vast majority of all algorithms implemented in the software.

White box testing sometime called glass box testing, where test data are derived from direct examination of the code to be tested.

For glass box testing the test case cannot be determined until the code has actually been written both of these testing techniques have advantages and disadvantages, but when combined, they help to ensure thorough testing of the product.

8.1.2 Black Box Testing: -



It takes an external perspective of the test object to derive test cases. These tests can be functional or non-functional, though usually functional.

The test designer selects valid and invalid input and determines the correct output.

- Interface errors.
- Errors data structures or external data base access.
- Behavior or performance errors.
- Initialization and termination error.

8.1.3 Validation Testing: -

In validation testing, the software is assembling as a package. Validation testing is completely associated with requirement satisfaction of customers. According to this test, project is tested and found to be satisfactory for functional characteristic, behavioral characteristics and performance requirement.

8.1.4 Alpha: -

Alpha is the first letter of the Greek alphabet. In the system of Greek numerals, it has value of 1. It was derived from the Phoenician letter alpha.

Letter's that arose from alpha include the Latin A and Cyrillic letter A. in English, the noun" Alpha" is used as a synonym for "beginning", or" first", Reflecting its Greek roots.

8.1.5 Beta: -

Beta is the second latter or the Greek alphabet. In system of Greek numerals has valued has of 2. In ancient Greek, beta represented the voiced bilabial plosive. In modem Greek it represents the voice labiodentals fricative. Letters that arose from beta include the roman letter (B) and Cyrillic letter (5) and (B).

8.1.6 Manual: -

We have done manual testing for over project all the web pages validation, redirection, navigation are manually test by us.

8.2 Test Strategy: -

A test strategy is an outline that describe testing approach of the software development cycle. it is created to inform project manages, testers, and developers about some key issues of the testing objective, methods of testing new functions, total time and resources required for the project, and the testing environment.

Design document describe the functionality of the software to be enabled in the upcoming release's corresponding test strategy should be created to test the new feature sets.

8.3 Test case: -

A test case is a set of conditions or variable under which a tester will determine whether a system under test satisfies requirements or works correctly. The process of developing test case can also help find problems in the requirements or design of an application.

1. Formal test case
2. Informal test case
3. Typical written test cases
4. Error Handling

8.3.1 Formal Test Case: -

The formal test case is order to fully test that all the requirements of an application are met, there must be at least two test cases for each requirement positive test and one negative test.

If a requirement has sub- requirements, each requirement must have at least two test cases. A formal test-case is characterized by a known input and by an expected output, which is worked out before the test is executed.

8.3.2 Informal Test Case: -

Information is valuable because it can affect behavior, a decision, or an outcome.

For example, if a manager is told her company's net profit decreased in the past month, he may use this information as a reason to cut financial spending for the next month.

A piece of information is considered valueless if, after receiving it, things remain unchanged. For a technical definition of information see information theory.

8.3.3 Typical Written Test Case: -

A test case is usually a single step, or occasionally a sequence of steps, to test the correct behavior/functionally, features of an application. An expected result or expected outcome is usually given.

A written test case should also contain a place for the actual result. The larger test case may also contain prerequisite states or steps, and descriptions.

These steps can be stored in a word processor document, spreadsheet, database or other common repository.

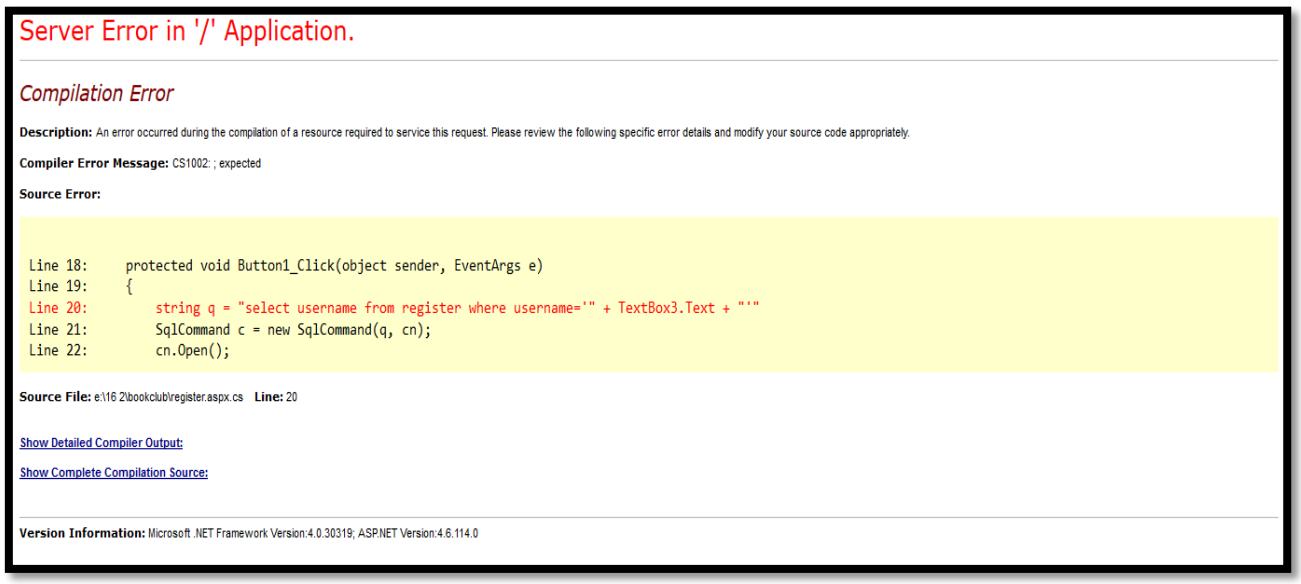
Additional information that may be included.

- Test case id
- Test case description
- Test case step or order or exception number
- Related requirement
- Depth
- Text category
- Author
- Pass/failed

8.3.4 Error Handling:-

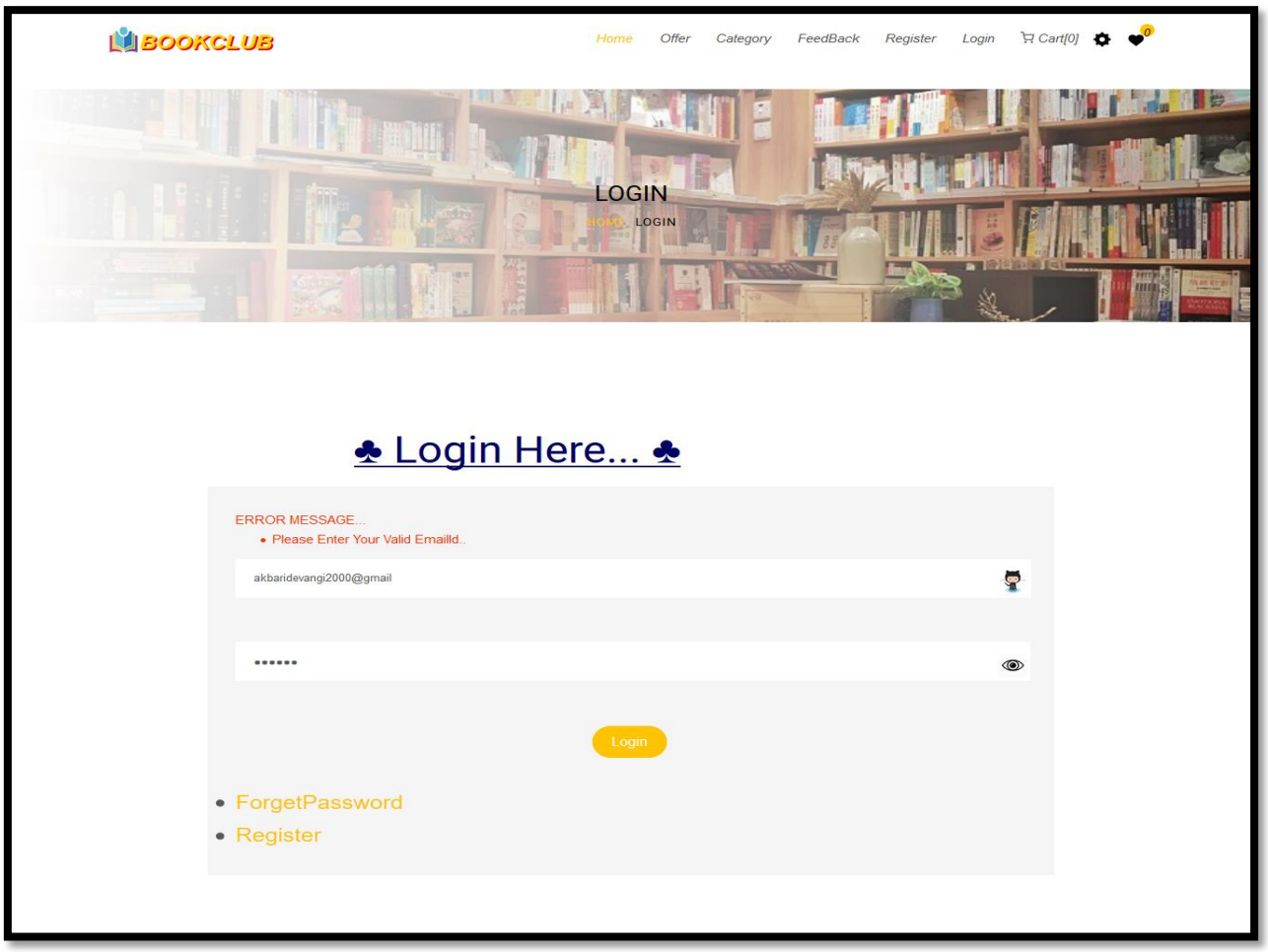
ERROR:- Statement Missing Error.

SOLUTION: - Must Be Semicolumn Is Over.



ERROR:- Validation Error.

SOLUTION: - Must Be Specific Format To Enter Your Email.(Ex:-abc@gmail.com)



9. PROJECT IMPLEMENTATION

Implementation simply means carrying out the activities description in your work plan. executing a project in the water and sanitation sector is a very complex mission, as it requires the coordination of a wide range of activities the overseeing if a team, the management of budget, the communication to the public, among other issues.

Project implementation is the phase where visions and plans become reality. This is the logical, conclusion, after, evaluating, deciding, visioning, planning, applying for funds and finding the financial resources of a project.

9.1 User of function: -

A user define function is a programmed routine that has its parameters set by the user of the user of the system.

9.1.1 Admin: -

Admin is the heart of any application. In this project admin can view and manage all the details about the institute. The most important facility is to manage the input validation.

Another thing is that, material update, delete by the admin and add tricks so user cannot make any change in profile details. This makes the database secure and reliable.

9.1.2 User: -

User an individual who uses as computer. This includes expert programmer as well as Novice.

An end user is any individual who runs an application program.

User can login in the application with user id, password given after the registration.

9.2 Security Features: -

Security is an important aspect of any software components, without reasonable level of security, the availability, the reliability and safety may be compromised if external attack causes some damage to the system.

As our application web-based so network security is an aspect which should be provided by the servers where the application is deployed.

User name and password should not accessible by any other user. Only administrator can delete users.

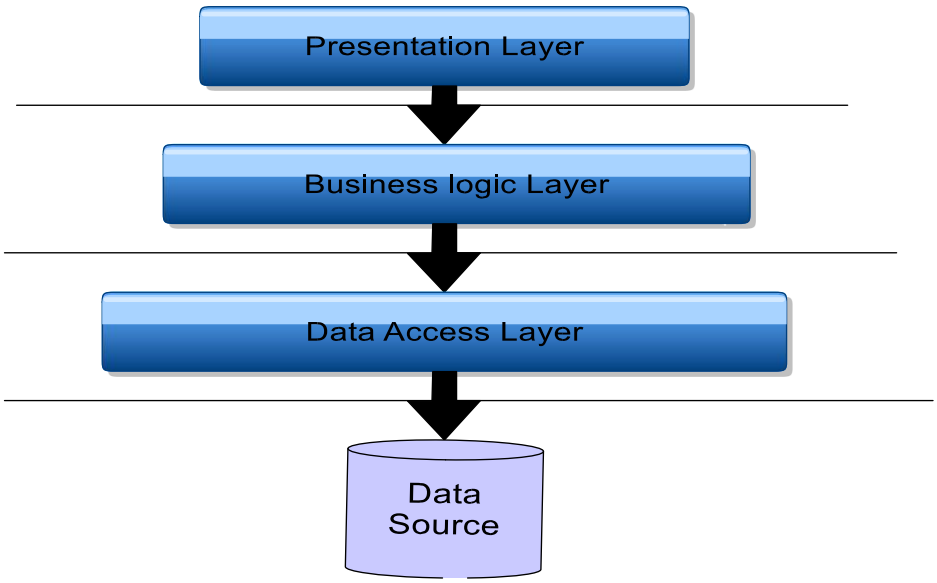
Session is created as the user login and session is checked in all the modules.

Session destroyed after the user logout to application.

9.3 Coding Standards:-

2 tier architecture used for coding which makes the functionality easy error face, easy modification.

The coding standard is the well-defined and standard style of coding with the help of the coding standard any person can go into any code and figure out what's going on and new people can get up to speed quickly. A coding standard's ways of doing several things such as the way variable are to be named the code is to be a id the comments are to be described, the work of function are to carried out etc.



The entire query is written as a store procedure which is separately stored for further modification.

Make a property file for all Queries. This will help in changing query easily without changing you. Java files. Queries can also be reused.

Data source is physical storage space where they actually data stored.

Connection is established in web.config file, developer doesn't require making connection in the entire file, just have to call the connection string of web.config file.

Keep few variables at class level along with frequently used DAO and Property files. Make proper usage of CSS files. Use standard Style Class defined in CSS except for exceptional cases.

Write proper comments in all files for easy maintenance and understanding. Changes in the files made should also be maintained.

10. LIMITATION AND FUTURE ENHANCEMENTS

10.1 Limitation: -

- Internetconnection is must be compulsory use this website.
- This website is use of little-bit technical knowledge required.
- There is no human interaction.
- Data loss can occur due to technical issues so it is necessary to make back up at regular intervals of time.

10.2 Future Enhancement: -

- In future we also provide the calling feature. User can call to the send image or audio and video message.
- In short in future we are making more user friendly website.
- In future we also provide the paytm feature.

11. CONCLUSION

Our project is about book club.now a day bookclub is very useful for busy people.

We provide a many types of books for children,elders and youngstar.in our site the user will Purchase books,update in book quantity,and delete the order also.

User can buy Books items. User can easily register on our website and also they can buy our products. User can also show their registration details, order of products and their entry.

Provides information about the product in categories. Customer are provided with up to data information on the product available. The site is simple and dynamic. So, user can gather information easily.

12. BIBLIOGRAPHY

Reference book:-

- Nirav Prakashan Web Developing Using Asp.net

Website:-

- www.w3school.com