THE UNIVERSITY OF BURDWAN

A Project Submitted In Partial Fulfillment Of

The Requirement For The Honors Degree Of Bachelor Of Computer Application

ONLINE BOOK STORE

Paper:- BCA-603

Year of Examination:-2022

Submitted By

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OF

CYBER RESEARCH & TRAINING INSTITUTE

BCA PROJECT & PROJECT REPORT STANDARD 2022

THE UNIVERSITY OF BURDWAN

SELF CERTIFICATE

This is to certify that the dissertation/project report entitled "**Online Book Store"** is done by me is an authentic work carried out for the partial fulfillment of the requirements for the award of the degree of BCA.

I also Certify that I am aware of the **"BCA PROJECT & PROJECT REPORT STANDARD 2022, THE UNIVERSITY OF BURDWAN"** issued by The University of Burdwan and this project report is based on the standard. The matter embodied in this project work not been submitted earlier for award of nay degree or diploma to the best of my knowledge and belief.

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Signature of the Student

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Name of the Student: - **Sk Motahar Hossain**

Roll No: - **19BCA070040**

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_____

Signature of the Student

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Name of the Student: - **Md Aminur Islam**

Roll No: - **19BCA070016**

Reg. No: - **201905000170 of 2019-20**

College Name: - **Cyber Research & Training Institute**

_____

Signature of the Student

ACKNOWLEDGEMENT

The experience that we have gathered during the project has been unique and overwhelming. For this we pleased to express our deepest sense gratitude and regards to our respect project guide.

In spite of his busy schedule, his frequent valuable advice and master suggestions at every stage lead to a systematic approach in completing this project without which this project work could not take its shape.

We are very thankful to all, who have provided us with their, guidance and encouragement.

Lastly, with all my heart, I express my deep gratitude to our parents.

1)

2)

3)

4)

Date:- .....

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Introduction

Online Book Store software projects that acts as a central database containing various books in stock along with their title, author and cost. This project is a website that acts as a central book store. This web project is developed using asp.net as the front-end and sql as a back-end. The sql database stores various book related details. A user visiting the website can see a wide range of books arranged in respective categories. The user may select desired book and view its price. The user may even search for specific books on the website. Once the user selects a book, he then has to fill in a form and the book is booked for the user.

Project Goal

We the students of BCA 6th semester of **Cyber Research & Training Institute** have created a project using PHP & MYSQL. In our project we have done **Online Book Store**. Our goal for this project was to create a website where customer can search for books and then add them to the cart to order later. Admin can add or delete books and view customer, order and shipping details. Customers can also contact the customer service team on the website.

Software Requirements

For doing our project in PHP/My SQL the software we required is:-

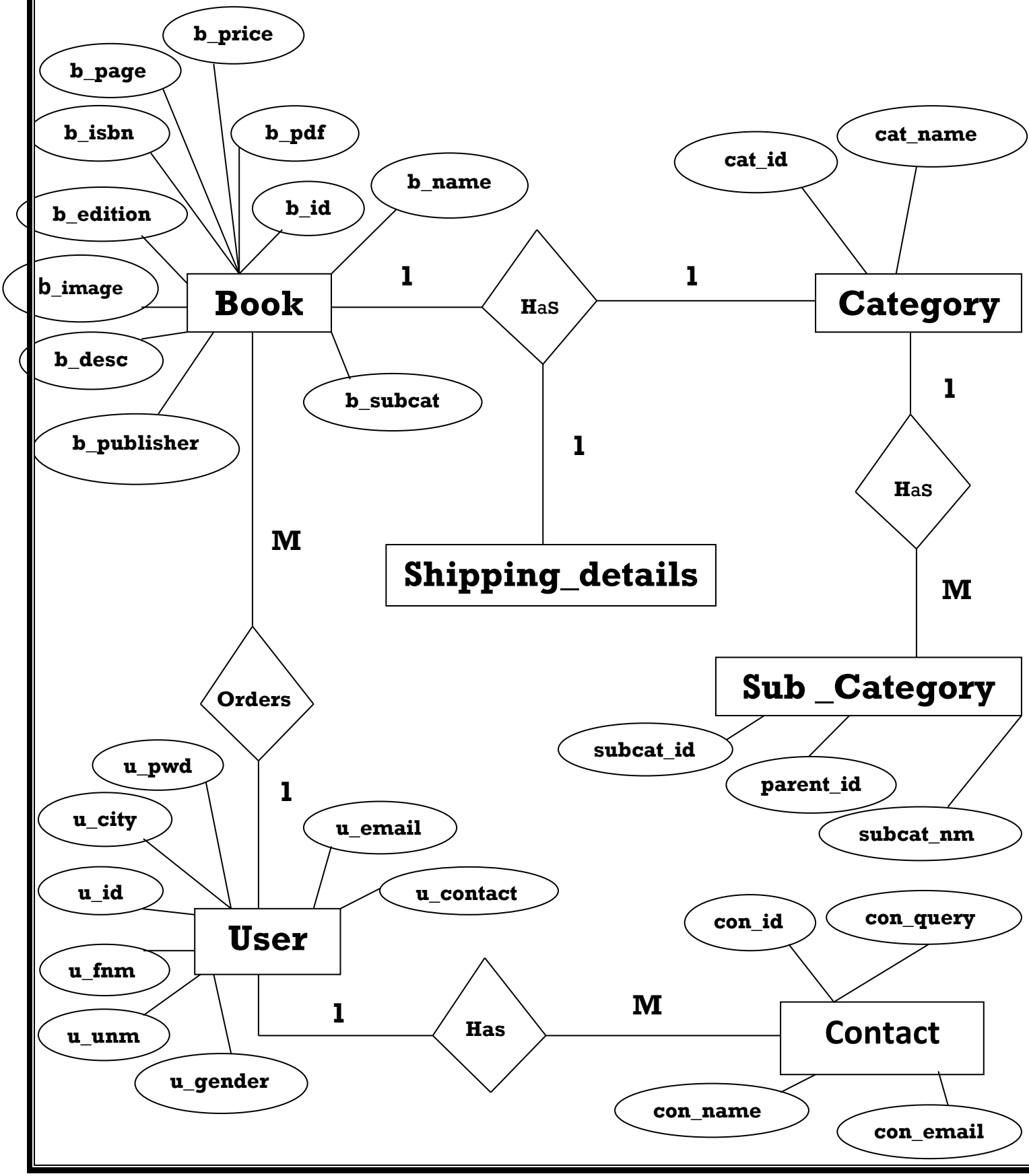
- XAMPP Server
- PHP Version 8.0.13
- Apache Version 2.4
- MySQL Version 5
- VS Code
- MS Word

Hardware Requirements

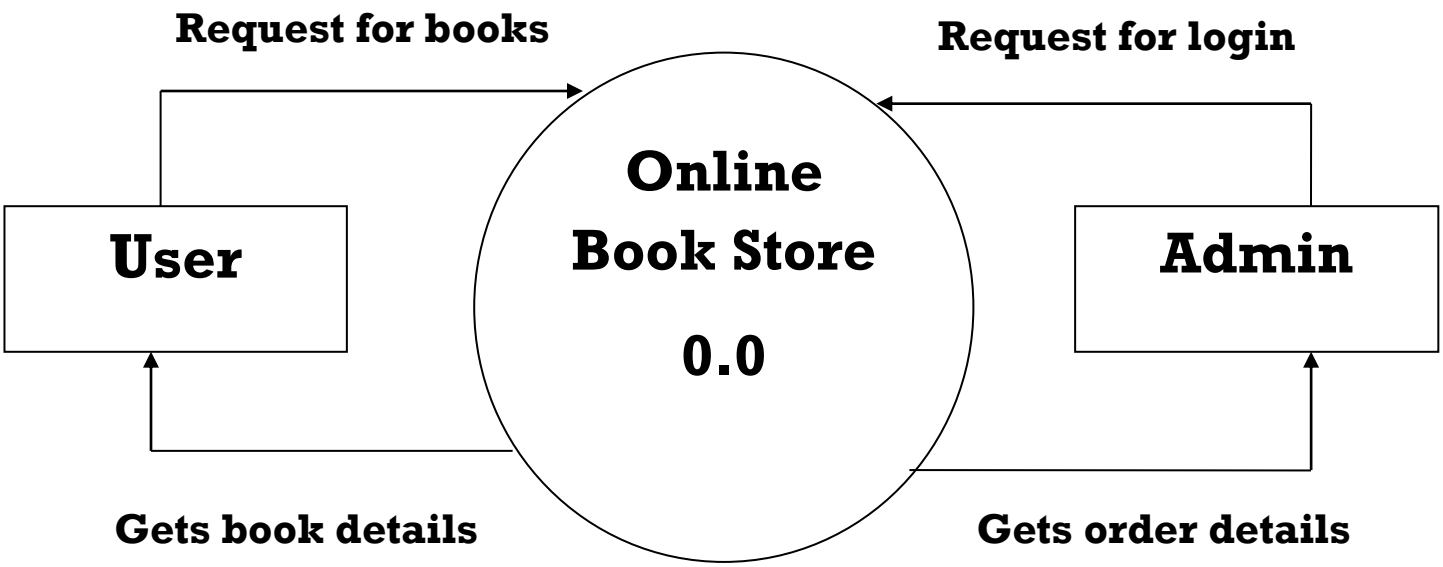
For completion of our project we need the following hardware.

1. Processor - Intel i3 or i5
2. Hard Disk - 1 TB or 512 GB
3. Memory - 4 or 8GB RAM
4. OS - Windows 8 or 10

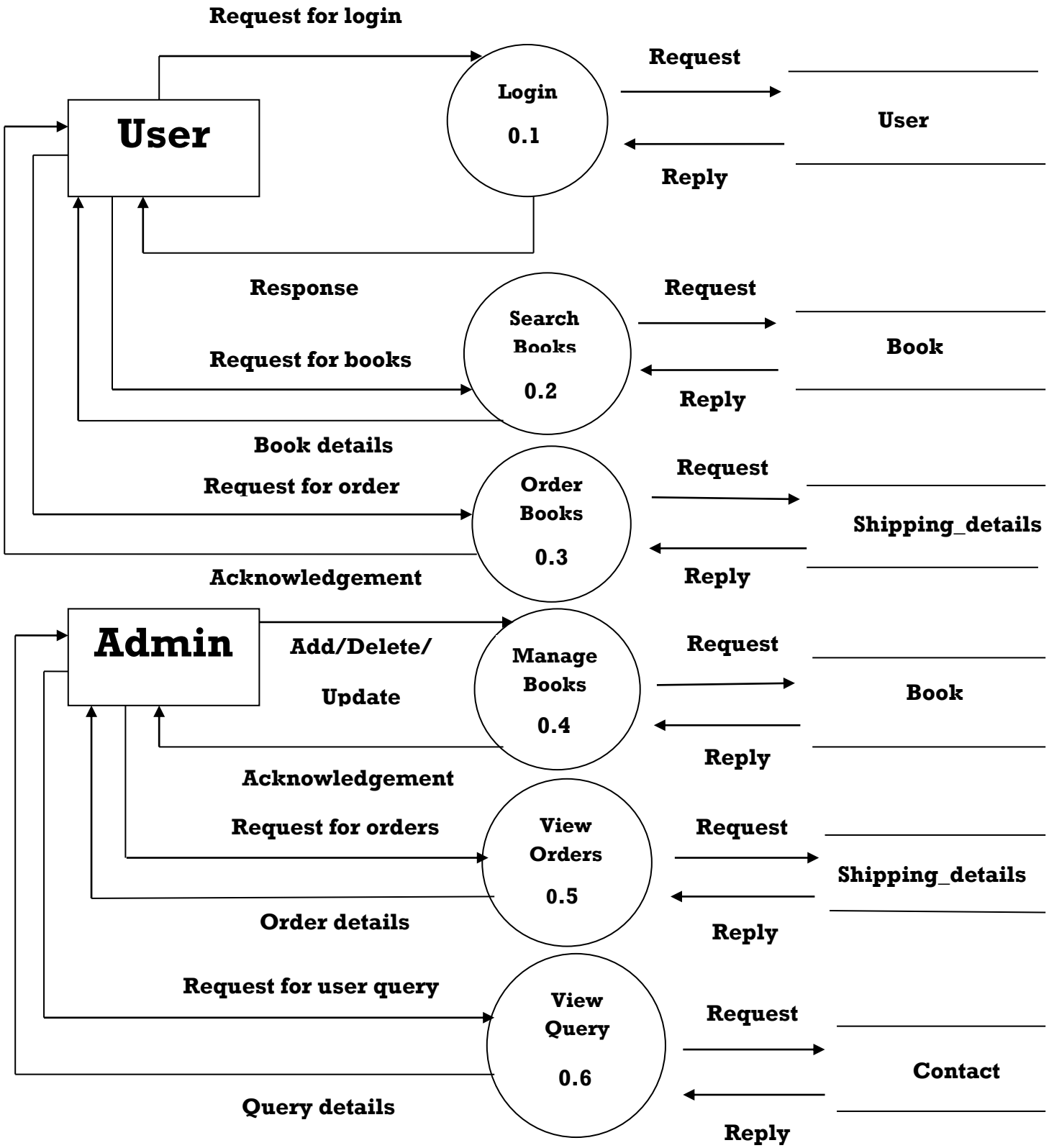
ENTITY RELATIONSHIP DIAGRAM



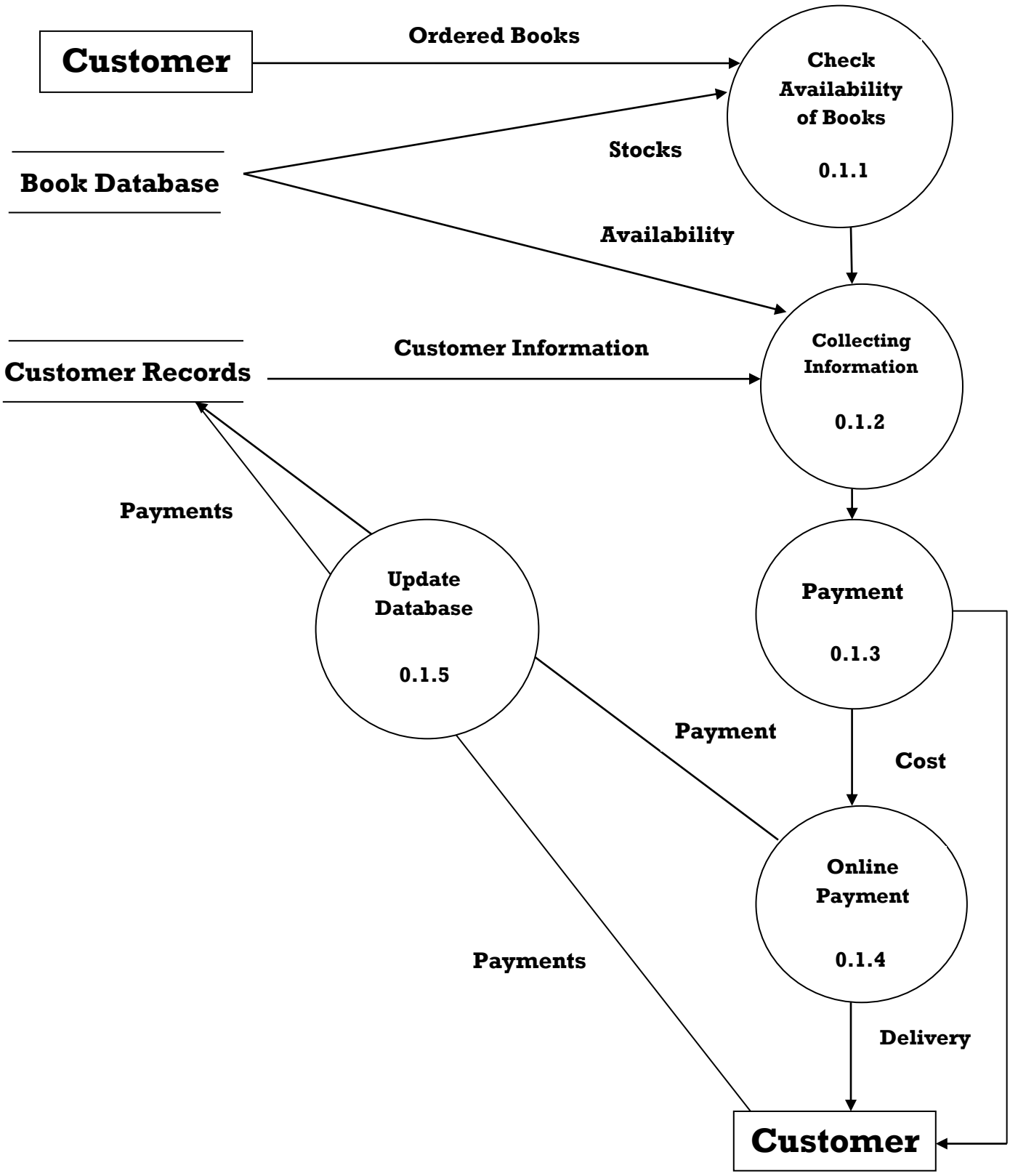
DATA FLOW DIAGRAM(Level-0)



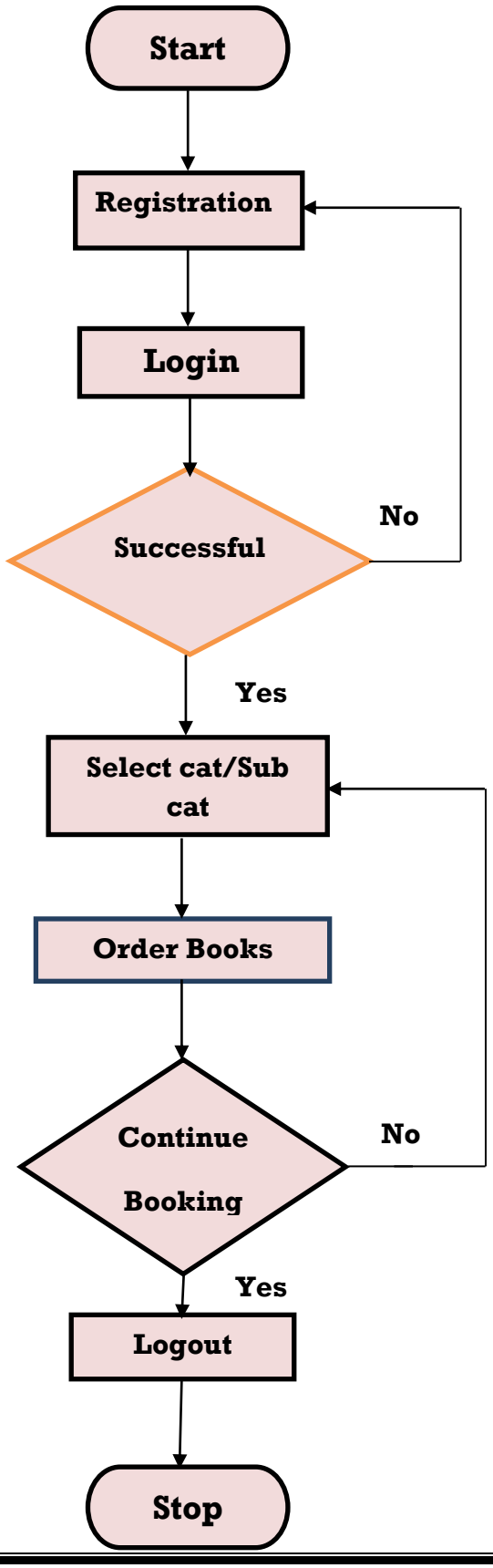
DATA FLOW DIAGRAM(Level-1)



DATA FLOW DIAGRAM(Level-2)



FLOW CHART


Start
Registration
Login
Successful
No
Yes
Select cat/Sub cat
Order Books
Continue Booking
No
Yes
Logout
Stop

DATABASE

Server: 127.0.0.1 » Database: book_store » Table: user

Browse | Structure | SQL | Search | Insert

Table structure | Relation view

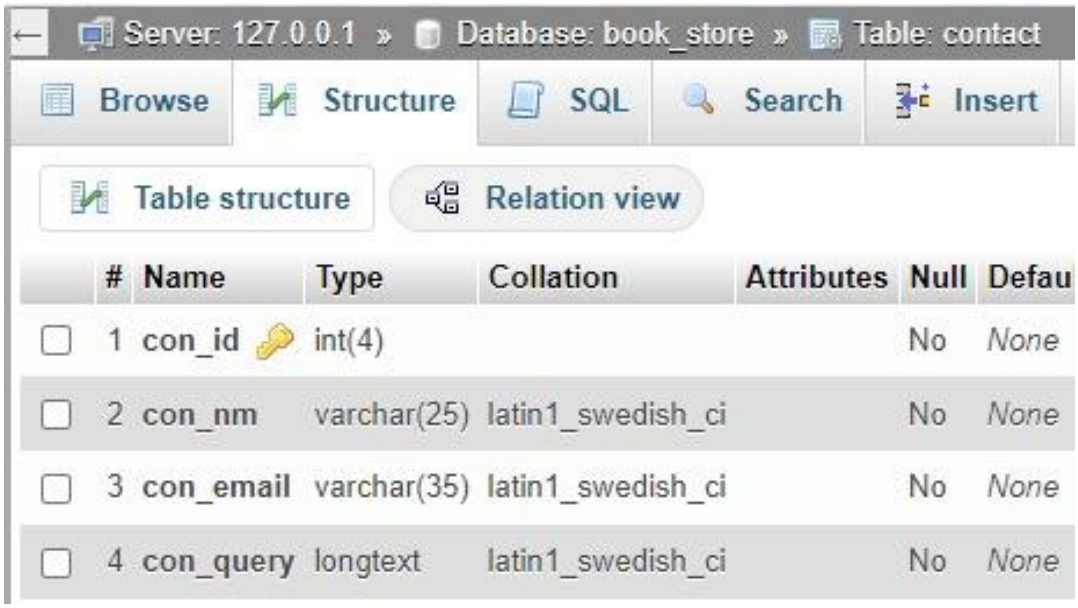
#	Name	Type	Collation	Attributes	Null	Default
1	u_id	int(4)			No	None
2	u_fnm	varchar(35)	latin1_swedish_ci		No	None
3	u_unm	varchar(25)	latin1_swedish_ci		No	None
4	u_pwd	varchar(20)	latin1_swedish_ci		No	None
5	u_gender	varchar(7)	latin1_swedish_ci		No	None
6	u_email	varchar(35)	latin1_swedish_ci		No	None
7	u_contact	varchar(12)	latin1_swedish_ci		No	None
8	u_city	varchar(20)	latin1_swedish_ci		No	None

Server: 127.0.0.1 » Database: book_store » Table: shipping_details

Browse | Structure | SQL | Search | Insert | E

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Co
1	id	int(11)			No	None	
2	name	char(50)	latin1_swedish_ci		No	None	
3	address	text	latin1_swedish_ci		No	None	
4	postal_code	bigint(20)			No	None	
5	city	varchar(50)	latin1_swedish_ci		No	None	
6	state	varchar(50)	latin1_swedish_ci		No	None	
7	phone	bigint(20)			No	None	
8	f_id	varchar(50)	latin1_swedish_ci		No	None	



	#	Name	Type	Collation	Attributes	Null	Defau
☐	1	con_id	int(4)			No	None
☐	2	con_nm	varchar(25)	latin1_swedish_ci		No	None
☐	3	con_email	varchar(35)	latin1_swedish_ci		No	None
☐	4	con_query	longtext	latin1_swedish_ci		No	None

Code & Screenshots

Database Connection Code

```
<?php

$conn=mysqli_connect("localhost","root","","book_store")or die("Can't Connect...");

?>
```

Process login.php:-

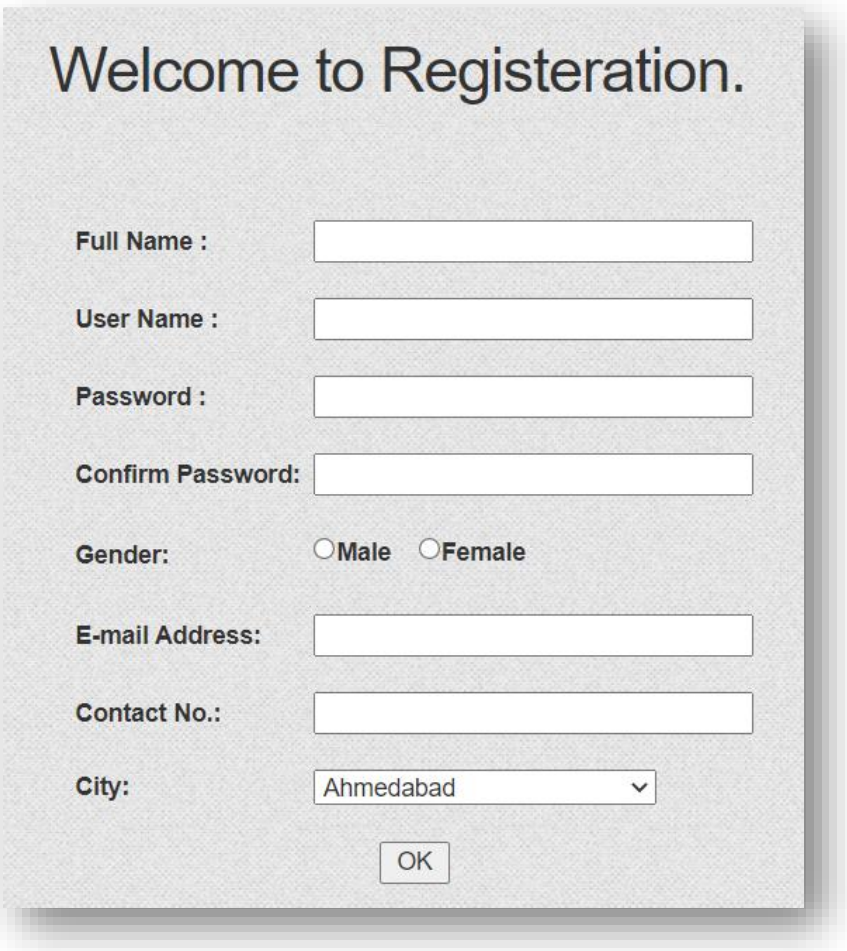
```
<?php session_start();
require('includes/config.php');
if(!empty($_POST))
{
$msg="";
if(empty($_POST['usernm']))
{
$msg[]="No such User";
}
if(empty($_POST['pwd']))
{
$msg[]="Password Incorrect.....";
}
```

```
if(!empty($msg))
{
echo '<b>Error:-</b><br>';
foreach($msg as $k)
{
echo '<li>'.$k;
}
}
else
{
$unm=$_POST['usernm'];
$q="select * from user where u_unm='$unm'";
$res=mysqli_query($conn,$q) or die("wrong query");
$row=mysqli_fetch_assoc($res);
if(!empty($row))
{
if($_POST['pwd']==$row['u_pwd'])
{
$_SESSION=array();
$_SESSION['unm']=$row['u_unm'];
$_SESSION['uid']=$row['u_pwd'];
$_SESSION['status']=true;
```

```
if($_SESSION['unm']!="admin")
{
header("location:index.php");
}
else
{
header("location:admin/index.php");
}
}
else
{
echo 'Incorrect Password....';
}
}
else
{
echo 'Invalid User';
}
}
}
else
{
```

```
header("location:index.php");
}
?>
```

Process Register.php:-

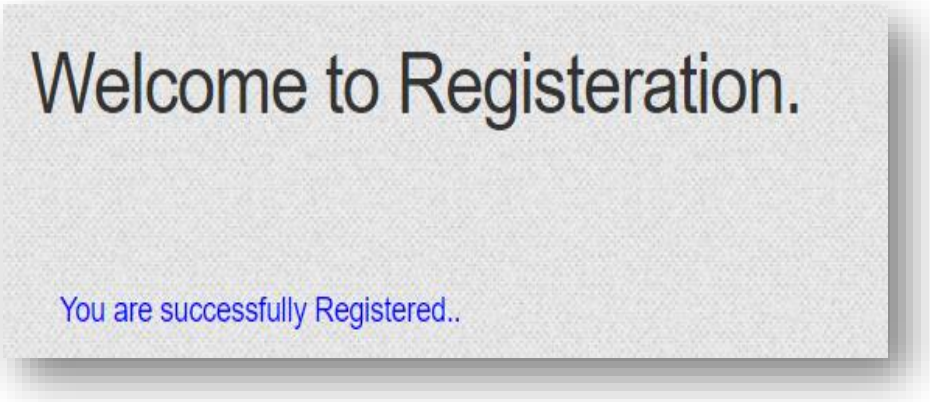



```
<?php
require('includes/config.php');
```

```
if(!empty($_POST))
{
$msg="";
if(empty($_POST['fnm']) || empty($_POST['unm']) ||
empty($_POST['gender']) || empty($_POST['pwd']) ||
empty($_POST['cpwd']) ||
empty($_POST['mail'])||empty($_POST['city']))
{
$msg.="<li>Please full fill all requirement";
}
if($_POST['pwd']!=$_POST['cpwd'])
{
$msg.="<li>Please Enter your Password Again.....";
}
if(strlen($_POST['pwd'])>10)
{
$msg.="<li>Please Enter Your Password in limited Format....";
}
if(is_numeric($_POST['fnm']))
{
$msg.="<li>Name must be in String Format...";
}
if($msg!="")
{
```

```
header("location:register.php?error=".$msg);
}
else
{
$fnm=$_POST['fnm'];
$unm=$_POST['unm'];
$pwd=$_POST['pwd'];
$gender=$_POST['gender'];
$email=$_POST['mail'];
$contact=$_POST['contact'];
$city=$_POST['city'];
$query="insert into user(u_fnm,u_unm,u_pwd,u_gender,
u_email,u_contact,u_city)values('$fnm','$unm','$pwd','$gender','$email','$
contact','$city')";
mysqli_query($conn,$query) or die("Can't Execute Query...");
header("location:register.php?ok=1");
}
}else{
header("location:index.php");
}
?>
```

Register.php:-




```
<?php session_start(); ?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<?php

include("includes/head.inc.php");

?>

</head>

<body>

<!-- start header -->

<div id="header">

<div id="menu">

<?php

include("includes/menu.inc.php");
```

```
?>
</div>
</div>
<div id="logo-wrap">
<div id="logo">
<?php
include("includes/logo.inc.php");
?>
</div>
</div>
<!-- end header -->
<!-- start page -->
<div id="page">
<!-- start content -->
<div id="content">
<div class="post">
<h1 class="title">Welcome to Registeration.</h1>
<div class="entry">
<br><br>
<?php
if(isset($_GET['error']))
{
```

```
echo '<font color="red">'.$_GET['error'].'</font>';
echo '<br><br>';
}
if(isset($_GET['ok']))
{
echo '<font color="blue">You are successfully Registered..
</font>';
echo '<br><br>';
}
?>
<table>
<form action="process_register.php" method="POST">
<tr>
<td><b>Full Name :</b>  </td>
<td><input type='text' size="30" maxlength="30" name='fnm'>
</td>
</tr>
<tr><td> </tr>
<tr>
<td><b>User Name :</b>  </td>
<td><input type='text' size="30" maxlength="30" name='unm'>
</td>
```

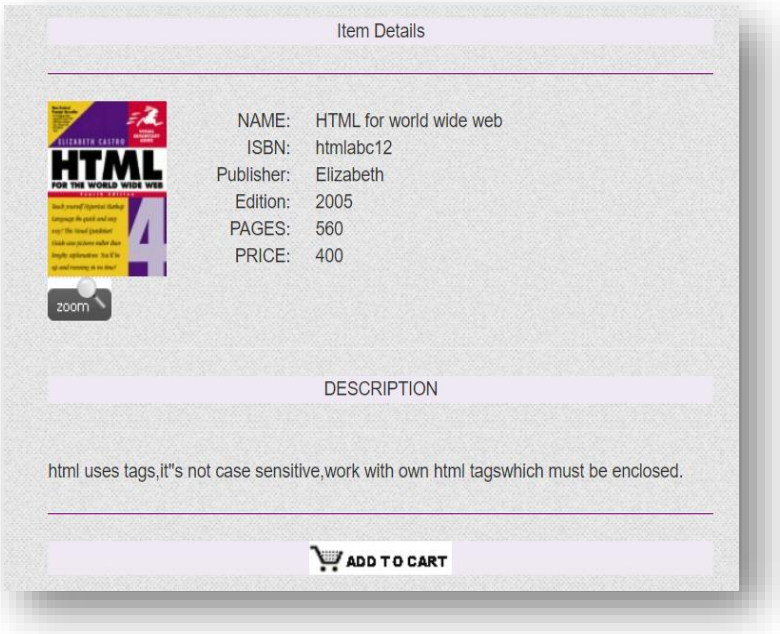
```
<td> </td>
</tr>
<tr><td> </tr>
<tr>
<td><b>Password :</b>  </td>
<td><input type='password' name='pwd' size="30"></td>
</tr>
<tr><td> </tr>
<tr>
<td><b>Confirm Password:</b>  </td>
<td><input type='password' name='cpwd' size="30"></td>
</tr>
<tr><td> </tr>
<tr>
<td><b>Gender:</b>  </td>
<td><input type="radio"value="Male" name="gender" id='m'>
<label> Male</label>   
<input type="radio"value="Female" name="gender" id='f'>
<label>Female</label>
</td>
<td> </td>
</tr>
```

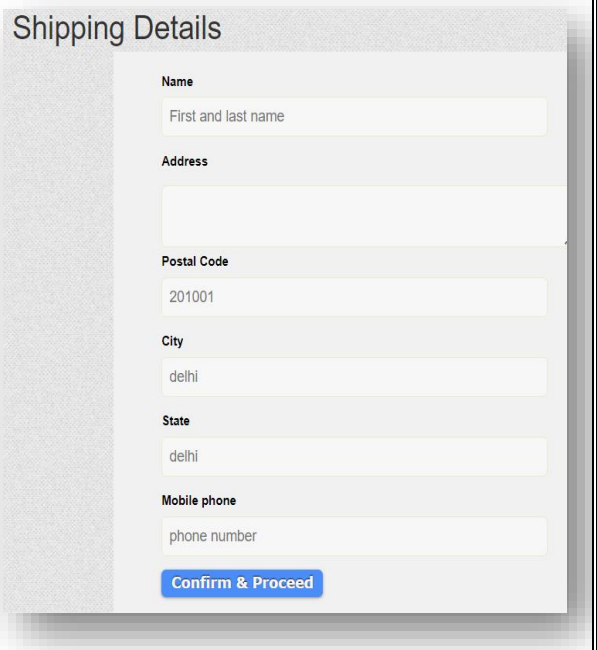
```
<tr><td> </tr>
<tr>
<td><b>E-mail Address:</b>  </td>
<td><input type='text' name='mail' size="30"></td>
</tr>
<tr><td> </tr>
<tr>
<td><b>Contact No.:</b>  </td>
<td><input type='text' name='contact' size="30"></td>
</tr>
<tr><td> </tr>
<tr>
<td><b>City:</b>  </td>
<td>
<select style="width: 195px;" name="city">
<option>Ahmedabad
<option>Baroda
<option>Jamnagar
<option>Rajkot
<option>Porbandar
<option>Anand
<option>Surat
```

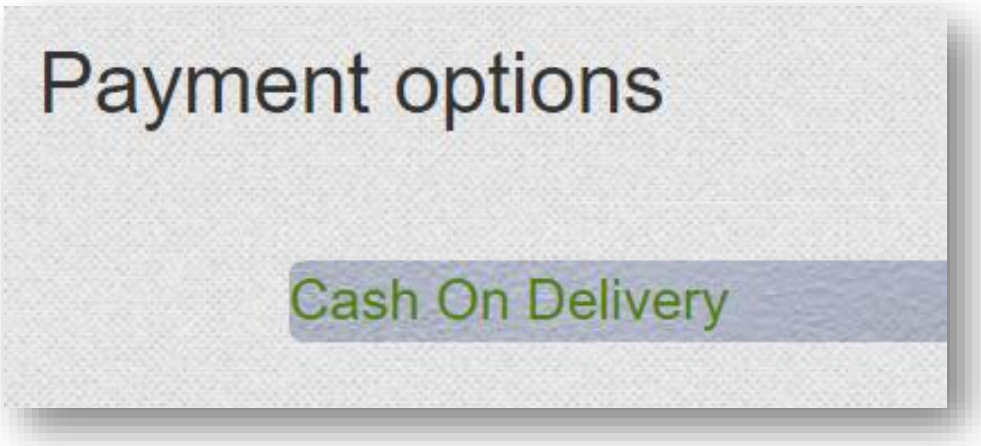
```
<option>Surendranagar
<option>Jamnagar
<option>Junagadh
<option>Amreli
<option>Bhavnagar
<option>Mehsana
</select>
</tr>
<tr><td> </tr>
<tr>
<td colspan='2' align='center'>
<input type='submit' value="  OK  ">
</td>
</tr>
</form>
</table>
</div>
</div>
</div>
<!-- end content -->
<!-- start sidebar -->
<div id="sidebar">
```

```
<?php
include("includes/search.inc.php");
?>
</div>
<!-- end sidebar -->
<div style="clear: both;"> </div>
</div>
<!-- end page -->
<!-- start footer -->
<div id="footer">
<?php
include("includes/footer.inc.php");
?>
</div>
<!-- end footer -->
</body></html>
```

Payment Details.php:-







```
<?php session_start();
require('includes/config.php');
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<?php
include("includes/head.inc.php");
?>
</head>
<body>
<!-- start header -->
<div id="header">
<div id="menu">
<?php
```

```
include("includes/menu.inc.php");
?>
</div>
</div>
<div id="logo-wrap">
<div id="logo">
<?php
include("includes/logo.inc.php");
?>
</div>
</div>
<!-- end header -->
<font style="font-size:30px;margin-left:260px">
Payment options</font><div class="container">
<hr style="margin-left:260px;margin-right:260px;"></hr>
<div style="border-radius: 5px 5px5px 5px;background:url
(images/paper.jpg);margin-left:160px;margin right:160px;font-size:20px;"><a href="booking.php">Cash On Delivery</a>
</div>
</br>
```

Logout.php:-

```
<?php session_start();

$_SESSION=array(); //session_destroy();

header("location:index.php");

?>
```

FUTURE SCOPE

Here we can maintain the records of Books and Stock. Also, it can be seen that nowadays the players are versatile, i.e. so there is a scope for introducing a method to maintain the Online Book Store. Enhancements can be done to maintain all the Books, Stock, Customers, Orders, 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. Some of the future enhancements that we fell to implement in the future I the integration of the payment gateway, login through OPT etc. In the last, we would like to thank all the persons involved in the development of the system directly or indirectly. We hope that the project will serve the purpose for which it is developed thereby underlining the success of the process.

CONCLUSION

We thus here represent our project with our entire effort. We hope that the system we are depicting will be highly benefited by this venture. Hope you all will consider out tiring effort very gladly. We hereby also place a request that in case of any flaw in our work, please forgive us. We welcome any criticism that may help us and would gladly appreciate any words encouragement which would push us to work even harder in future. Thanking you all in anticipation. Hope you all will favor our work and enlighten us in our future works.

We conclude by asking you all to lend us some big wishes.

BIBLIOGRAPHY

To make this project we have taken help from the following books –

1. MySQL Crash Course by Ben Forta
2. PHP: A BEGINNER'S GUIDE by Vikram Vaswani

We have also taken help from the following internet resources –

1. https://www.w3schools.com/
2. https://www.simplilearn.com/tutorials/php-tutorial
3. https://www.udemy.com/course/html5-fundamentals-for-beginners
4. HTML5 crash course for beginners - https://youtu.be/UB1O30fR-EE
5. CSS crash course for beginners - https://youtu.be/yfoY53QXEnI
6. JavaScript basics for beginners ->https://youtu.be/vEROU2XtPR8
7. SQL Tutorial - Full Database Course for Beginners – https://youtu.be/HXV3zeQKqGY
8. Database overview ->https://youtu.be/wR0jg0eQsZA
9. ER Diagram Part1 ->https://youtu.be/QpdhBUYk7Kk
10. ER Diagram Part2 ->https://youtu.be/-CuY5ADwn24