

A PROJECT REPORT ON
"ONLINE SHOPPING"

(For the fulfillment of three-year Diploma Course)

End Term JULY 2011



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**BIRLA TECHNICAL TRAINING
INSTITUTE PILANI (RAJ.)**



BOARD OF TECHNICAL EDUCATION JODHPUR, RAJASTHAN



BIRLA TECHNICAL TRAINING INSTITUTE PILANI (RAJ.)

DECLARATION

We hereby declare that the project entitle "**ONLINE SHOPPING** " written and submitted by us to our project incharge HOD CS branch Mr. Manoj Kataria

The empirical finding in this project report collected by us and we not copied from anywhere.

Declared By:

RAKESH KUMAR

*We express our deep sense of respect and gratitude to **Mr. M.K.GAUR (Principal, B.T.T.I., PILANI)** for providing us the necessary facilities required in competing this work.*

We also deeply indebted to **Mr. D. Bhattacharya (H.O.D H/W & S/W LAB ,B.T.T.I.,PILANI)** for providing us the necessary help & material needed for the project.

We would like to thank all faculty members. Finally we thanks to all our friends and well wishers who constantly encouraged us in developing this project.

The users can contact us if he/she face any problem during the operation of the project.

*Bhanwar singh
shekhawat
Sandeep kansana*

BOARD OF TECHNICAL EDUCATION

JODHPUR, RAJASTHAN

BIRLA TECHNICAL TRAINING INSTITUTE

PILANI (Raj.)

Project report on “**ONLINE SHOPPING**”

PREFACE

To fulfill the requirement of curriculum of final year diploma engineering course every student has to develop his own project. So to develop project we choose the field of communication and build the project “**ONLINE SHOPPING**”, which has proved very useful for us to build the project.

PROJECT ASSOCIATES BY:

RAKESH KUMAR

VISHNU KUMAR

**UNDER THE
SUPERVISION**

MR.MANOJ KATARIA

(HOD OF CS)

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2. INTRODUCTION

At the very core of an offset, This software “Online shopping” is a kind of shopping site. Which is used for selling tangible goods, the customer is invited to browse round the shop, select goods and put them in their basket. On this site the contents of the basket can be inspected at any time, the total value of the goods is shown and any of the goods can be ‘returned to the shelves’ if the customer decides against the purchase.

1. PURPOSE

A worthwhile software system **Online shopping** provides the facility to customers in a conventional shop are likely to collect a number of products. In a shopping basket, before

coming to the till and making the purchase. It also provides the facility of updating database. It saves not only time, but also a lot of headaches!

2.THEME

The theme & objective of the Online shopping is that it's an electronic basket. The shopping basket analogy is used in many larger e-shops. Goods can be selected and placed in the electronic market. Facilities are made available for the contents of the basket to be reviewed and unwanted goods can be returned to the shelves. When the shopping is complete the customer then makes payment for the goods in the basket.

When a visitor adds an item to his or her basket, we need to add that item to a list so the later or can retrieve that list and present it to them before they checkout and we can also integrate though list when constructing their final order.

Online storefront is the shopping cart system that enables customers to find and purchase products and services.

The system allows customers to acquire a list of items for purchase by placing items into a virtual cart. At the checkout the software will calculate a total of the invoice with any applicable taxes, including shipping and handling.

Currently there are three different types of shopping cart systems that are built to better suit the

needs of ecommerce stores; ordering systems, online storefront builder systems and specialized systems. An ordering shopping system is the most basic that makes it possible to select and purchase online. For larger store offerings, a Storefront builder shopping cart system combines all of the features of an order system combined with content management system (CMS). This allows you a greater level of control over your store content. However, if your ecommerce store offers business to business (b2b) solutions then a specialized ecommerce shopping system would likely be the best fit.

Such shopping systems normally include a database, a storefront and an administrative area. The database stores customer data, order information, product details, etc. A storefront displays this information while an administration area allows a business to manage the ecommerce store. Storefronts should include a store catalog that is presented usefully and is pleasing for customers. Good administrative functionality should be easy to navigate, manage modules, assign options, and flexible to manage multiple shipping needs.

3. OBJECTIVE

The objective of our software is to overcome the problems which were earlier faced by the customers through various features provided by the software:

These days you can buy almost anything online.

- Most high street shops have Internet sites so instead of visiting one of their stores you can buy everything from furniture and clothes to CDs and books.
- The major supermarkets and chemists have Internet sites too, which means you can pick up most things you need for your home without ever having to leave it.
- There are also many Internet retailers that only sell things online so you can buy goods that your local shops don't stock.
- You can buy things like train and plane tickets, holidays, insurance policies and, depending on where you live, you can even order a pizza online.
- It's also possible to buy and download music, films and games straight to your computer and you can upload your digital photos to have them turned into prints and albums.
- We have even seen websites selling a Russian MIG fighter plane and a tropical island!

Today the internet and its boom have created a new economic scenario that not only stresses on the classical concept of the "*product*" but also on the modern concept of "*service*". It is this level of service that dictates whether a commercial venture will succeed or not in the market. To provide a high accessibility of service we will design the online shopping website, so that potential customers need not go to a physical shop to buy products or services. They just need to online to complete their purchases. Unlike the prevailing "brick and mortar" shops which have physical

existence, we will operate solely from cyberspace.

Most current systems have a physical foundation that is the root cause to quite a number of problems. By maintaining multiple store fronts, itself being an expensive proposition, store prices are forced to rise. Thus, by using our product, our clients' competitors are at a disadvantage because their costs are significantly higher than our costs, allowing our clients to sell the same goods at a lower price. As people become more accustomed to using the internet, they view ordering products and services online as a time-saving and cost-saving experience, which is the very essence of our online shopping system

4. TOOLS/ENVIRONMENT USED

4.1 Minimum Software Requirement:-

- *HTML , Java script
- *Windows operating system

4.2 Minimum Hardware Requirement:-

- *Input device
 - Key-board
 - Mouse
 - Scanner
- *Output device
 - C.P.U.

-Printer

-Monitor

5. ANALYSIS DOCUMENT

THE SYSTEM ANALYSIS IS THE PART OF SOFTWARE ENGINEERING CYCLE'S REQUIREMENT ANALYSIS PHASE. THE PHASE PERFORMS A MAJOR ROLE IN THE DEVELOPMENT OF THE PROJECT IN A STRUCTURED MANNER. THE SYSTEM ANALYSIS DEFINES THE SOFTWARE PROJECT IN TERMS OF ITS FUNCTIONALITY AND DECOMPOSITION DESCRIPTION.

Any software that is been designed is decomposed in modules to produce better understanding of the tasks while the development of the software. The 'OnLine Shopping' has also been divided in to four core modules that deal with all possible functions to be performed by the software.

The modules are as follows...

- 1.Request module
- 2.Database handling module
- 3.Information Flow module
- 4.Search module

1. Request module

In this module we are taking the request that is generated by user. In the project this module plays an important role. In this module we have three forms: user registration page, login page (for the already registered students) and a login page for the administrator.

2. Database Handling module

This module will basically consist of two forms: one for updating and other for retrieval of the database.

3. Information Flow modules

This module consists of the forms by which the information will flow between the students, TPO and the company.

4. Search module

This module provides the facility of searching the three kinds of items like Computers, Mobiles & apparels on this shopping site. The forms will contain the two forms: one for eligible students for the campus and the second for the advance search.

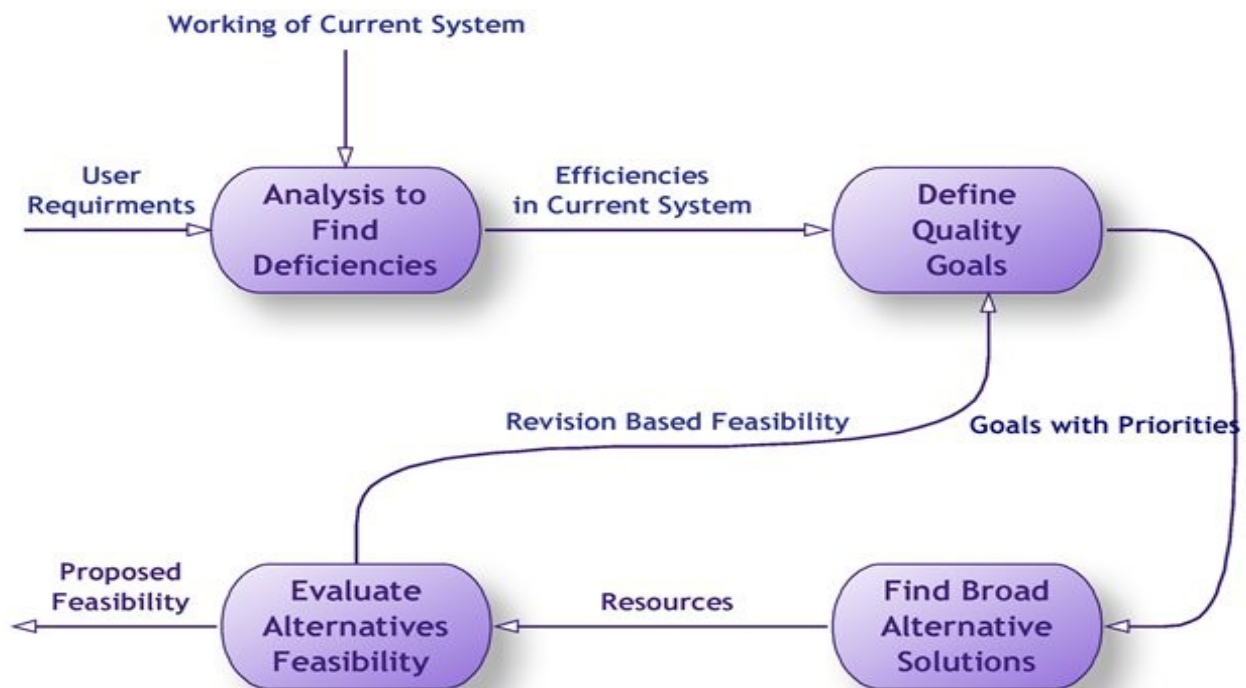
PRELIMINARY INVESTIGATION

Developing software requires many phases, which must be executed during the development stage of the software. Requirement analysis is one of the important phases of software development. In requirement analysis all the requirement of user are exercised and a certain objective is set. Before designing the system we also have to perform some preliminary investigations. Some of them are enlisted as following...

- 1 User Domain of the software i.e. who will be the user using the software.
 - 2 Type of organization where the software will be used.
 - 3 Basic functions required within the software to be available to perform.
 - 4 Additional features available for the user.
 - 5 Interface for the software (GUI).
 - 6 Layout, color scheme in order to make the GUI attractive.
 - 7 Types of the Authorities/Access Levels provided to access the software.
 - 8 Software Development Architecture Prototype as base of the software.
 - 9 Language in which the software has to be coded.
 - 10 Hardware requirements fulfilling needs of Coding language & Prototype.
 - 11 Coding conventions & standards during the coding of the software.
 - 12 Testing strategy for proper testing, debugging (if required) of the software.
 - 13 Time constraints / Schedule for the software completion.
 - 14 Deployment & maintenance issues.
-

FEASIBILITY STUDY

At the end of the information gathering phase, we have a reasonable idea about the data available currently and the deficiencies of the current system. We also reach a consensus on requirements and priorities among these requirements. Using these data, it is possible to define broad goals for the project and detailed sub goals. It is necessary at this stage to quantify the goals and sub goals. Once these goals are quantified, the next step is to find out whether these goals can be met or not, and if yes, how they will be met and at what cost. Feasibility analysis is mainly concerned with these steps...



Economic Feasibility

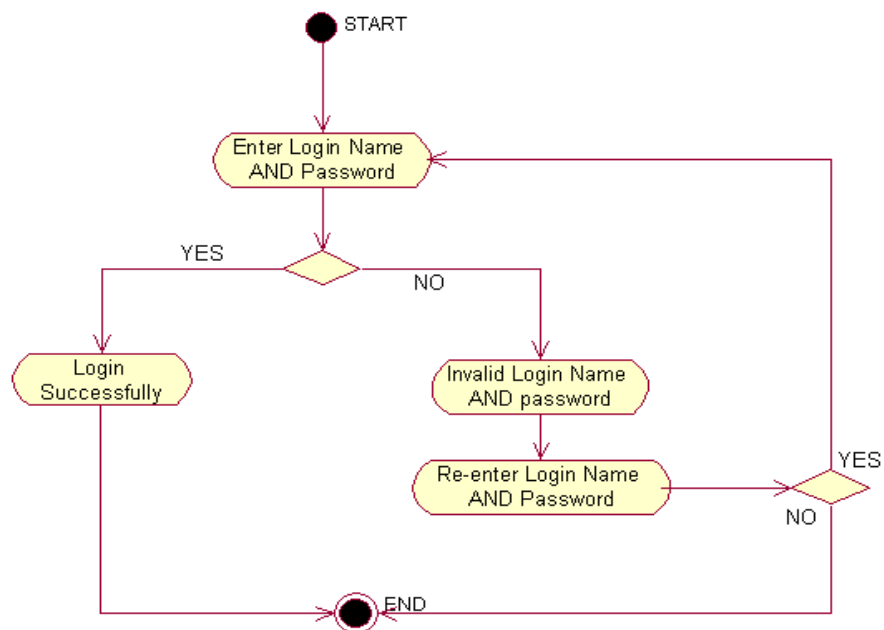
Economic analysis is the most frequently used method for evaluating the effectiveness of a system. More commonly known as Cost Benefit Analysis, the procedure is to determine the benefits and savings that are expected from a system and compare them with costs.

TECHNICAL FEASIBILITY

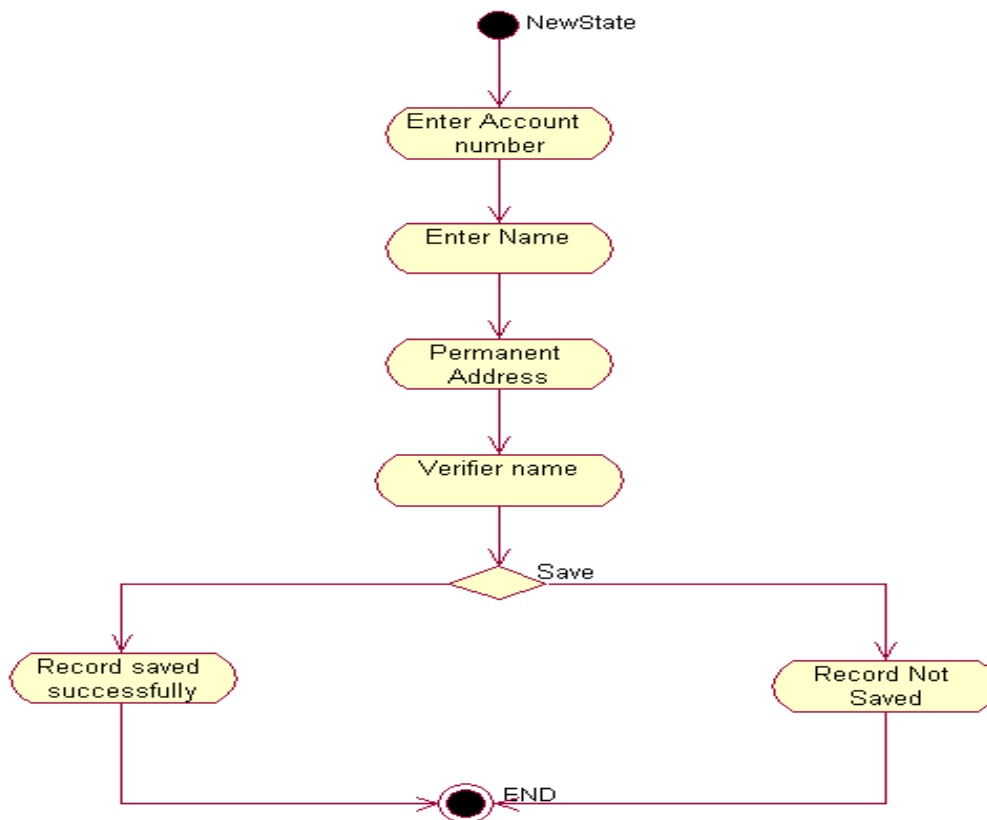
Technical feasibility centers on the existing computer system (hardware, software, etc.) and to what extent it can support the proposed addition.

ER DIAGRAMS

1: Activity Diagram for login :-



2: Activity diagram for Add new account :-



DATA FLOW DIAGRAMS:-

DFD is a technique that explains information flow and transforms that are applied as data move from input to output.

It is also known as data flow graph or a bubble chart. It may be portioned into levels that represent increasing information flow and functional detail. A level

0 DFD is also called a fundamental system model or a content model.

6. DESIGN DOCUMENT

Design is the first step in the development phase for an engineered product or system and of moving from the problem domain towards the solution domain. Design is essentially a bridge between the requirement specification and the final solution of satisfying the requirement.

The design process for software system often has two levels. In the first level, focus is on deciding which models are needed for the system, the specification of each model and how the models should be interconnected. This is called the system design or the top – level design.

The second level is the internal logic or design of the models or how the specifications of the models can be satisfied is decided upon the design level is often called detailed design or logical design.

7. CODING

Home

```
<html>
```

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<head>
```

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<meta http-equiv="Content-Language" content="en-us">
```

```
<meta http-equiv="Content-Type" content="text/html; charset=windows-1252">
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```

```
<meta name="ProgId" content="FrontPage.Editor.Document">
```

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<title>Welcome To</title>
```

```
</head>
```


</html>

Log in

<html>

<head>

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<meta name="GENERATOR" content="Microsoft FrontPage 4.0">

<meta name="ProgId" content="FrontPage.Editor.Document">

<title>Please enter your login Info</title>

<base target="_self">

</head>

<body background="backgrnd[2].gif" bgcolor="#00FF00">

<p align="center"> <i>

Please enter your

login Info</i></p>

<form method="POST" action="--WEBBOT-SELF--">

<!--webbot bot="SaveResults" U-File="fpweb:/// _private/form_results.txt"

S-Format="TEXT/CSV" S-Label-Fields="TRUE" -->

<p align="center"> User Id: <input type="text" name="T1" size="20"></p>

<p align="center">User Password: <input type="text" name="T3" size="20"></p></form>

<form name="f1" action="shopping.html"><p align="center"><input type="submit" value="login" name="B3" style="background-color: #E2C6FF; color: #000046">

<input type="reset" value="reset" name="B2" style="background-color: #D9B3FF; color: #240048">

</p>

<p align="center"><u>Go

to Home</u></p>

</form>

<p align="center"><i>If you want to register

Please Click here</i></p>

<p align="center"><u>Register</u></p>

</body>

</html>

Registration

City :<input type="text" name="T6" size="20">

<p align="left"><font size="4"

color="#00008C">

Pin :<input type="text" name="T7" size="20">

<p align="left"><font size="4"

color="#00008C">

State :<input type="text" name="T8" size="20">

<p align="left"><font size="4"

color="#00008C">

Country :<input type="text" name="T9" size="20">

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color="#00008C">

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<frameset cols="152,*">

<frame name="contents" target="main" src="two.html">

<frame name="main" src="three.html" target="_self">

</frameset>

<noframes>

<body>

<p>This page uses frames, but your browser doesn't support them.</p>

</body>

</noframes>

</frameset>

</html>

Books

<html>

<head>


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<td width="34%">100</td>
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</tr>
```

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</table>
```

```
</center>
```

```
</div>
```

```
</body>
```

```
</html>
```

Software

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<html>
```

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<head>
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<meta http-equiv="Content-Language" content="en-us">
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<meta http-equiv="Content-Type" content="text/html; charset=windows-1252">
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```

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<meta name="ProgId" content="FrontPage.Editor.Document">
```

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<title>SOFTWARE</title>
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</head><marquee align=center behaviour alternate width=30% bgcolor=VIOLET> <b><font  
color=green>"RAKESH"</b></font><font color=cyan> VISHNU</font> PRESENSTS  
</font></MARQUEE>
```

```
<body>
```



```
<td width="34%">250</td>

</tr>

<tr>

<td width="33%">203</td>

<td width="33%">SHOPPING PACKAGE</td>

<td width="34%">10000</td>

</tr>

<tr>

<td width="33%">204</td>

<td width="33%">HELP </td>

<td width="34%">150</td>

</tr>

</table>

</center>

</div>

</body>

</html>
```

Hardware

```
<html>
```

<title>HARDWARE</title>

<body bgcolor=red text=#ffffbb><marquee align=bottom behaviour alternate width=60%
bgcolor=VIOLET> "RAKESH"
VISHNU PRESENSTS </MARQUEE>

<center>

<u>HARDWARE</u></center>

<table>

<tr>

<th align=left>Hardware

Adapters

Batteries

Cables

CD Rom

Floppy

Hard Disk

Joy Strick

Keyboard

Micro Phone

Modem

Mother Board

Multi Media Kit


```

<li><font color=yellow><b>Monitor</b></font></a></li>

<li><font color=yellow><b>Mouse</b></font></a></li>

<li><font color=yellow><b>Printers</b></font></a></li>

<li><font color=yellow><b>Sacnner</b></font></a></li>

<li><font color=yellow><b>Stabilizer</b></font></a></li>

<li><font color=yellow><b>speakers</b></font></a></li>

</ul>

</li></ul>

</th>

</tr><a href="I:\ONLINE SHOPPING\login.html">

</table>

</body>

</html>

```

Music

```

<html>

<title>Product List</title>

<body bgcolor=red text=#ffffbb><marquee align=bottom behaviour alternate width=60%
bgcolor=VIOLET>    <b><font color=green>"RAKESH"</b></font><font color=cyan>
VISHNU</font><i><PRESENSTS </font></MARQUEE>

<center><b>

<font face=impact size=6 ><u>PRODUCT LIST</u></font></center><br></b>

```

<table>

<tr>

<th align=left valign=top>Music

Top Ten
Albums

Top Ten
Artists

Top Ten
Songs

</tr>

</table>

</body>

</html>

Top 10 Album

<html>

<head></head>

<title>top ten albums</title>

<marquee><u>click here for download new albums songs</u></marquee>

<body>

<body bgcolor="lavender">

<U>

1.MERA GUM

2.AAP KA SUROOR

3.KABI KUSHI KABI GUM

4.AJNABI HIT OF BABU MAAN

5.FIR BEWAFAI

6.HARAYANA HIT 2010

7.FALGUNI PATHAK HITS

8.LAMHE HITS OF ABIJIT

9.VEENA 2010 HITS ALBUM

10.KAZARARE HIT SONGS
</U>

</body>

</html>

Top 10 Artist

<html>

<head><u>Top Ten Artists songs for you</u></head>

<body bgcolor=ff1493 text=adff2f>

<marquee>

<i><u>

1. BABU MAAN

2. KUMAR SANU

3. HIMESH RASAMIYA

4. SUNIDHI CHAUHAN

5. SONU NIGAM

6. GURMIT

7. SHREYA GHOSHAL

8. LATA MANGESHKAR

9. AATIF ASLAM

10.HANSRAJ HANS

</body>

</u></i>

</html>

Top 10 Songs

<html>

<head></head>

<title>top ten songs</title>

<marquee><u>click here for download new movie

songs</u></marquee>

<body>

<body bgcolor="gold">

<u>

1.kazara kazara

2.luckaazma

3.all is well

4.milenge milenge

5.aavaz punjab di

6.whenever whenever

7.rabba luck barsa

8.aafreen dj mix

9.chalte chalte

10.kamyabi ke safar me

</u>

<bgsound src="I:\other\manoj\bant raha tha jab Khuda.mp3"></src><blink><u>download now here</U></blink>

</body>

</html>

Clothes

```

<html>

<head><font size=8><u>latest clothes for you</u></font></head>

<title>CLOTHES</title>

<marquee>



</marquee>

<body><marquee align=bottom behaviour alternate width=60% bgcolor=VIOLET> <b><font
color=green>"RAKESH"</b></font><font color=cyan> VISHNU</font> PRESENSTS
</font></MARQUEE>

<u>

<br>1. dennim<br>

2. wrangler<br>

3. cotton county<br>

4. charlie outlaw<br>

5. dekkon<br></u>

<body bgcolor="orange">

</body>

</html>

```

Others

```

<html>

```

```
<head>
```

```
<title>Shopping Form</title>
```

```
<script language="javascript">
```

```
<!--
```

```
function calculatetotal()
```

```
{
```

```
    f.document.orderform;
```

```
    f.total1.value=parseInt(f.qty1.value)*10;
```

```
    f.total2.value=parseInt(f.qty2.value)*10;
```

```
    f.total3.value=parseInt(f.qty3.value)*10;
```

```
    f.total4.value=parseInt(f.qty4.value)*10;
```

```
        f.grandtotal.value=parseInt(f.total1.value)+parseInt(f.total2.value)+parseInt(f.total3.value)
+parseInt(f.total4.value);
```

```
}
```

```
function calculatetotal2()
```

```
{
```

```
    f.document.orderform;
```

```
    f.total21.value=parseInt(f.qty21.value)*20;
```

```
    f.total22.value=parseInt(f.qty22.value)*20;
```

```
    f.total23.value=parseInt(f.qty23.value)*20;
```

```
    f.total24.value=parseInt(f.qty24.value)*10;
```

```
        f.grandtotal2.value=parseInt(f.total21.value)+parseInt(f.total22.value)+parseInt(f.total23.value)
+parseInt(f.total24.value);
```

```

}

function calculatetotal3()

{

f.document.orderform;

f.total31.value=parseInt(f.qty31.value)*20;

f.total32.value=parseInt(f.qty32.value)*20;

f.total33.value=parseInt(f.qty33.value)*20;

f.total34.value=parseInt(f.qty34.value)*10;

    f.grandtotal3.value=parseInt(f.total31.value)+parseInt(f.total32.value)+parseInt(f.total33.value)
+parseInt(f.total34.value);

}

function calculatetotal4()

{

f.document.orderform;

f.total41.value=parseInt(f.qty41.value)*20;

f.total42.value=parseInt(f.qty42.value)*20;

f.total43.value=parseInt(f.qty43.value)*20;

f.total44.value=parseInt(f.qty44.value)*10;

    f.grandtotal4.value=parseInt(f.total41.value)+parseInt(f.total42.value)+parseInt(f.total43.value)
+parseInt(f.total44.value);

}

function calculatetotal5()

{

```



```

f.document.orderform;

f.total51.value=parseInt(f.qty51.value)*20;

f.total52.value=parseInt(f.qty52.value)*20;

f.total53.value=parseInt(f.qty53.value)*20;

f.total54.value=parseInt(f.qty54.value)*20;

    f.grandtotal5.value=parseInt(f.total51.value)+parseInt(f.total52.value)+parseInt(f.total53.value)
+parseInt(f.total54.value);

}

function cal()

{

f.grandtotal6.value=parseInt(f.grandtotal.value)+parseInt(f.grandtotal2.value)
+parseInt(f.grandtotal3.value)+parseInt(f.grandtotal4.value)+parseInt(f.grandtotal5.value);

}

//-->

</script>

<style type="text/css">

h1 {font size="13pt"}

h2 {font size="13pt"}

h3 {font size="20pt"}

</style>

</head>

<body bgcolor="VIOLET"><marquee align=bottom behaviour alternate width=60%
bgcolor=VIOLET>    <b><font color=green>"RAKESH"</b></font><font color=cyan>
VISHNU</font> PRESENSTS </font></MARQUEE>

```


<form name="orderform" method="post" action="1.html">

<center>Welcome To others items </center><hr>

<h5 style="left:650px;POSITION: absolute">

Water</h5>

<h6 style="left:500px;POSITION: absolute">

<table border="1" cellpadding="0">

<tr>

<th><h1>Qty</h1></th>

<th><h1>Part</h1></th>

<th><h1>Description</h1></th>

<th><h1>Price</h1></th>

<th><h1>Total</h1></th>

</tr>

<tr>

<td>

<input name="qty21" size="3" onBlur="calculatetotal2()"/></td>

<td><h1>1</h1></td><td><h1>Kingfisher</h1></td><td><h1>20</h1></td>

<td>

<input name="total21" size="7" onFocus="document.orderform.qty22.select();

document.orderform.qty22.focus();"/>

</td>

</tr>

<tr>

<td>

<input name="qty22" size="3" onBlur="calculatetotal2()"/>

</td>

<td><h1>2</h1></td><td><h1>kinley</h1></td><td><h1>20</h1></td>

<td>

<input name="total22" size="7" onFocus="document.orderform.qty23.select();
document.orderform.qty23.focus();"/>

</td>

</tr>

<tr>

<td>

<input name="qty23" size="3" onBlur="calculatetotal2()"/>

</td>

<td><h1>3</h1></td><td><h1>Bislery</h1></td><td><h1>20</h1></td>

<td>

<input name="total23" size="7" onFocus="document.orderform.qty24.select();
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</td>

</tr>

<tr>

```

<td>

<input name="qty24" size="3" onblur="calculatetotal2()"/>

</td>

<td><h1>4</h1></td><td><h1>Yes</h1></td><td><h1>10</h1></td>

<td>

<input name="total24" size="7" onfocus="document.orderform.qty21.select();
document.orderform.qty21.focus();"/>

</td>

</tr>

<tr>

<td></td><td></td><td></td>

<td><b><h2><font color="green">GRANDTOTAL</font></h2></b></td>

<td>

<input name="grandtotal2" size="7"
onfocus="document.orderform.qty21.select();
document.orderform.qty21.focus();"/>

</td>

</tr></b>

</table></h6>

<b><h5 style="left:150px;POSITION: absolute">

<font color="perpal"><font size="10pt">Drinks</font></font></h5></b>

<h6 style="POSITION: absolute"><br><br><br><br><br>

```

```

<table border="1" cellpadding="0">

<tr>

<th><h1><font color="red">Qty</font></h1></th>

<th><h1><font color="red">Part</font></h1></th>

<th><h1><font color="red">Description</h1></th>

<th><h1><font color="red">Price</h1></th>

<th><h1><font color="green">Total</font></h1></th>

</tr>

<tr>

<td>

<input name="qty1" size="3" onBlur="calculatetotal()"/></td>

<td><h1>1</h1></td><td><b><h1>Coca-Cola</h1></b></td><td><h1>10</h1></td>

<td>

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</td>

</tr>

<tr>

<td>

<input name="qty2" size="3" onBlur="calculatetotal()"/>

</td>

<td><h1>2</h1></td><td><h1>Pepsi</h1></td><td><h1>10</h1></td>

<td>

```

```
<input name="total2" size="7" onfocus="document.orderform.qty3.select();  
document.orderform.qty3.focus();" />
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```
<input name="qty3" size="3" onblur="calculatetotal()" />
```

```
</td>
```

```
<td><h1>3</h1></td><td><h1>7-Up</h1></td><td><h1>10</h1></td>
```

```
<td>
```

```
<input name="total3" size="7" onfocus="document.orderform.qty4.select();  
document.orderform.qty4.focus();" />
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```
<input name="qty4" size="3" onblur="calculatetotal()" />
```

```
</td>
```

```
<td><h1>4</h1></td><td><h1>Sprite</h1></td><td><h1>10</h1></td>
```

```
<td>
```

```
<input name="total4" size="7" onfocus="document.orderform.qty1.select();  
document.orderform.qty1.focus();" />
```

```
</td>
```

</tr>

<tr>

<td></td><td></td><td></td>

<td><h2>GRANDTOTAL</h2></td>

<td>

<input name="grandtotal" size="7"

onfocus="document.orderform.qty1.select();

document.orderform.qty1.focus();" />

</td>

</tr>

</table></h6>

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Chocolate</h5>

<h6 style="left:930px;POSITION: absolute">

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<tr>

<th><h1>Qty</h1></th>

<th><h1>Part</h1></th>

<th><h1>Description</h1></th>

<th><h1>Price</h1></th>

<th><h1>Total</h1></th>

</tr>

```
<tr>

<td>

<input name="qty31" size="3" onBlur="calculatetotal3()" /></td>

<td><h1>1</h1></td><td><b><h1>Kit-Kat</h1></b></td><td><h1>20</h1></td>

<td>

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</td>

</tr>

<tr>

<td>

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</td>

<td><h1>2</h1></td><td><h1>5-Star</h1></td><td><h1>20</h1></td>

<td>

<input name="total32" size="7" onFocus="document.orderform.qty33.select();
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</td>

</tr>

<tr>

<td>

<input name="qty33" size="3" onBlur="calculatetotal3()" />

</td>
```



```

<td><h1>3</h1></td><td><h1>DairyMilk</h1></td><td><h1>20</h1></td>

<td>

<input name="total33" size="7" onfocus="document.orderform.qty34.select();
document.orderform.qty34.focus();" />

</td>

</tr>

<tr>

<td>

<input name="qty34" size="3" onblur="calculatetotal3()" />

</td>

<td><h1>4</h1></td><td><h1>Eclairs</h1></td><td><h1>10</h1></td>

<td>

<input name="total34" size="7" onfocus="document.orderform.qty31.select();
document.orderform.qty31.focus();" />

</td>

</tr>

<tr>

<td></td><td></td><td></td></td>

<td><b><h2><font color="green">GRANDTOTAL</font></h2></b></td>

<td>

<input name="grandtotal3" size="7"

onfocus="document.orderform.qty31.select();

document.orderform.qty31.focus();" />

```


>

|
 |

`<input type="button" value="Purchase"/></a href>`

 |

```
<a href="payment.html">link</a></td>
```

 || |

<h5 style="left:650px;POSITION: absolute">

Icecream</h5>

<h6 style="left:500px;POSITION: absolute">

<table border="1" cellpadding="0">

<tr>

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<th><h1>Part</h1></th>

<th><h1>Description</h1></th>

<th><h1>Price</h1></th>

<th><h1>Total</h1></th>

</tr>

<tr>

<td>

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<td><h1>1</h1></td><td><h1>Chocobar</h1></td><td><h1>20</h1></td>

<td>

<input name="total41" size="7" onFocus="document.orderform.qty42.select();

document.orderform.qty42.focus();"/>

</td>

</tr>

```

<tr>

<td>

<input name="qty42" size="3" onBlur="calculatetotal4()"/>

</td>

<td><h1>2</h1></td><td><h1>Vadelal</h1></td><td><h1>20</h1></td>

<td>

<input name="total42" size="7" onFocus="document.orderform.qty43.select();
document.orderform.qty43.focus();"/>

</td>

</tr>

<tr>

<td>

<input name="qty43" size="3" onBlur="calculatetotal4()"/>

</td>

<td><h1>3</h1></td><td><h1>Vanila</h1></td><td><h1>20</h1></td>

<td>

<input name="total43" size="7" onFocus="document.orderform.qty44.select();
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</td>

</tr>

<tr>

<td>

<input name="qty44" size="3" onBlur="calculatetotal4()"/>

```

</td>

<td><h1>4</h1></td><td><h1>Kasata</h1></td><td><h1>10</h1></td>

<td>

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</td>

</tr>

<tr>

<td></td><td></td><td></td>

<td><h2>GRANDTOTAL</h2></td>

<td>

<input name="grandtotal4" size="7"
onfocus="document.orderform.qty41.select();
document.orderform.qty41.focus();"/>

</td>

</tr>

</table></h6>

<h5 style="left:130px;POSITION: absolute">

Chips</h5>

<table border="1" cellpadding="0">

<tr>

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<th><h1>Part</h1></th>

```

<th><h1><font color="red">Description</h1></th>

<th><h1><font color="red">Price</h1></th>

<th><h1><font color="green">Total</font></h1></th>

</tr>

<tr>

<td>

<input name="qty51" size="3" onBlur="calculatetotal5()"/></td>

<td><h1>1</h1></td><td><b><h1>Lays</h1></b></td><td><h1>20</h1></td>

<td>

<input name="total51" size="7" onFocus="document.orderform.qty52.select();
document.orderform.qty2.focus();" />

</td>

</tr>

<tr>

<td>

<input name="qty52" size="3" onBlur="calculatetotal5()"/>

</td>

<td><h1>2</h1></td><td><h1>Kurkure</h1></td><td><h1>20</h1></td>

<td>

<input name="total52" size="7" onFocus="document.orderform.qty53.select();
document.orderform.qty53.focus();" />

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```

```

<tr>

<td>

<input name="qty53" size="3" onblur="calculatetotal5()"/>

</td>

<td><h1>3</h1></td><td><h1>Yes</h1></td><td><h1>20</h1></td>

<td>

<input name="total53" size="7" onfocus="document.orderform.qty54.select();
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</td>

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<tr>

<td>

<input name="qty54" size="3" onblur="calculatetotal5()"/>

</td>

<td><h1>4</h1></td><td><h1>Uncle-Chips</h1></td><td><h1>20</h1></td>

<td>

<input name="total54" size="7" onfocus="document.orderform.qty51.select();
document.orderform.qty1.focus();" />

</td>

</tr>

<tr>

<td></td><td></td><td></td>

<td><b><h2><font color="green">GRANDTOTAL</font></h2></b></td>

```

```
<td>
```

```
<input name="grandtotal5" size="7"
```

```
onfocus="document.orderform.qty51.select();
```

```
document.orderform.qty51.focus();" />
```

```
</td>
```

```
</tr></b>
```

```
</table>
```

```
</form>
```

```
<script language="javascript">
```

```
<!--
```

```
f=document.orderform;
```

```
f.qty1.value=0;
```

```
f.qty2.value=0;
```

```
f.qty3.value=0;
```

```
f.qty4.value=0;
```

```
f.total1.value=0;
```

```
f.total2.value=0;
```

```
f.total3.value=0;
```

```
f.total4.value=0;
```

```
f.grandtotal.value=0;
```

```
f.qty21.value=0;
```

```
f.qty22.value=0;
```


f.qty23.value=0;
f.qty24.value=0;
f.total21.value=0;
f.total22.value=0;
f.total23.value=0;
f.total24.value=0;
f.grandtotal2.value=0;
f.qty31.value=0;
f.qty32.value=0;
f.qty33.value=0;
f.qty34.value=0;
f.total31.value=0;
f.total32.value=0;
f.total33.value=0;
f.total34.value=0;
f.grandtotal3.value=0;
f.qty41.value=0;
f.qty42.value=0;
f.qty43.value=0;
f.qty44.value=0;
f.total41.value=0;
f.total42.value=0;
f.total43.value=0;

```
f.total44.value=0;

f.grandtotal4.value=0;

f.qty51.value=0;

f.qty52.value=0;

f.qty53.value=0;

f.qty54.value=0;

f.total51.value=0;

f.total52.value=0;

f.total53.value=0;

f.total54.value=0;

f.grandtotal5.value=0;

f.grandtotal6.value=0;

//-->
```

```
</script>
```

```
</body>
```

```
</html>
```

Payment

```
<HTML>
```

```
<title>Payment Form</title>
```

```
<HEAD>
```

```
<head>

<script language="javascript">

function f(form)

{

d='<input type="text">';

e='Enter Credit Card No.:';

if(form.s.checked=1)

{

document.write(e);

document.write(d);

}

}

</script>


</head>

</HEAD>

<body >

<form id="Form1" method="post">

<center><b><font color="red"><font size="6">

Please Insert The Specied Card Type And Press Ok Button </font></font></center><b><br><hr>

<h1 style="position:absolute;left:600"></img></h1>
```


Thanks

```
<HTML>
```

```
<HEAD>
```

```
<title>WebForm8</title>
```

```
</HEAD>
```

```
<body MS_POSITIONING="GridLayout" background="C:\Documents and
Settings\Ashish\My Documents\My Pictures\photosofproject\
wallpapers_room_com___stache_by_relhom_1440x900-wide.jpg">
```

```
<form id="Form1" method="post" runat="server">
```

```
<h1 style="LEFT: 458px; POSITION: absolute;top:150pt;font-size:45">
```

```
<font Color="Magenta">Thanks FoR ShOpPinG</font></font></h1>
```

```
</form>
```

```
<input type="image" src="thnk.gif"></body>
```

```
</HTML>
```

8. TESTING

8.1 Software Testing Techniques:-

Testing provides an interesting anomaly for the software engineers during earlier software engineering activities. The engineer's attempts to build software from abstract software to a tangible product. Now comes testing. The engineer create a series of test that are intended to "demolish" the software has been built. Infect testing is one step in the software process that could be viewed as distinctive rather than constructive. Software engineer are by their

nature constructive people. Testing requires that the developer discard preconceived. Notions of the “correctness” of software just developed and overcome a conflict of interest that occurs when error are uncovered.

8.2 Testing Objectives:-

Software testing states a number of rules that can serve as testing objectives.

1. Testing is a process of executing a program with the intent of finding an error.
2. A good test case is one that has a high probability of finding an as yet undiscovered error.
3. A successful test is one that uncovers as a yet undiscovered error.

8.3 Testing Principles:-

Before applying method to design effective test cases we must understand the basic principle that guides the software testing.

All tests should be traceable to customer requirements. As we know the objective of software testing is to uncover errors. It follows that the most severe defects are those that cause the program to fail to meet its requirements.

Test should be planed long before testing begins.

Test planning can begin as soon as the requirements model is complete. Detailed definition of test cases can begin as soon as the design model has been solidified. Therefore all tests can be planned and designed before any code has been generated. The most effective testing should be conducted by an independent third party. By most effective we may test that has the highest probability of finding errors.

Black box testing:

Black box testing was also called Behavioral testing focus on the functional requirements of the software that is black box testing enables the software engineer to derive set of inputs condition and that will fully exercise all functional requirement of the program.

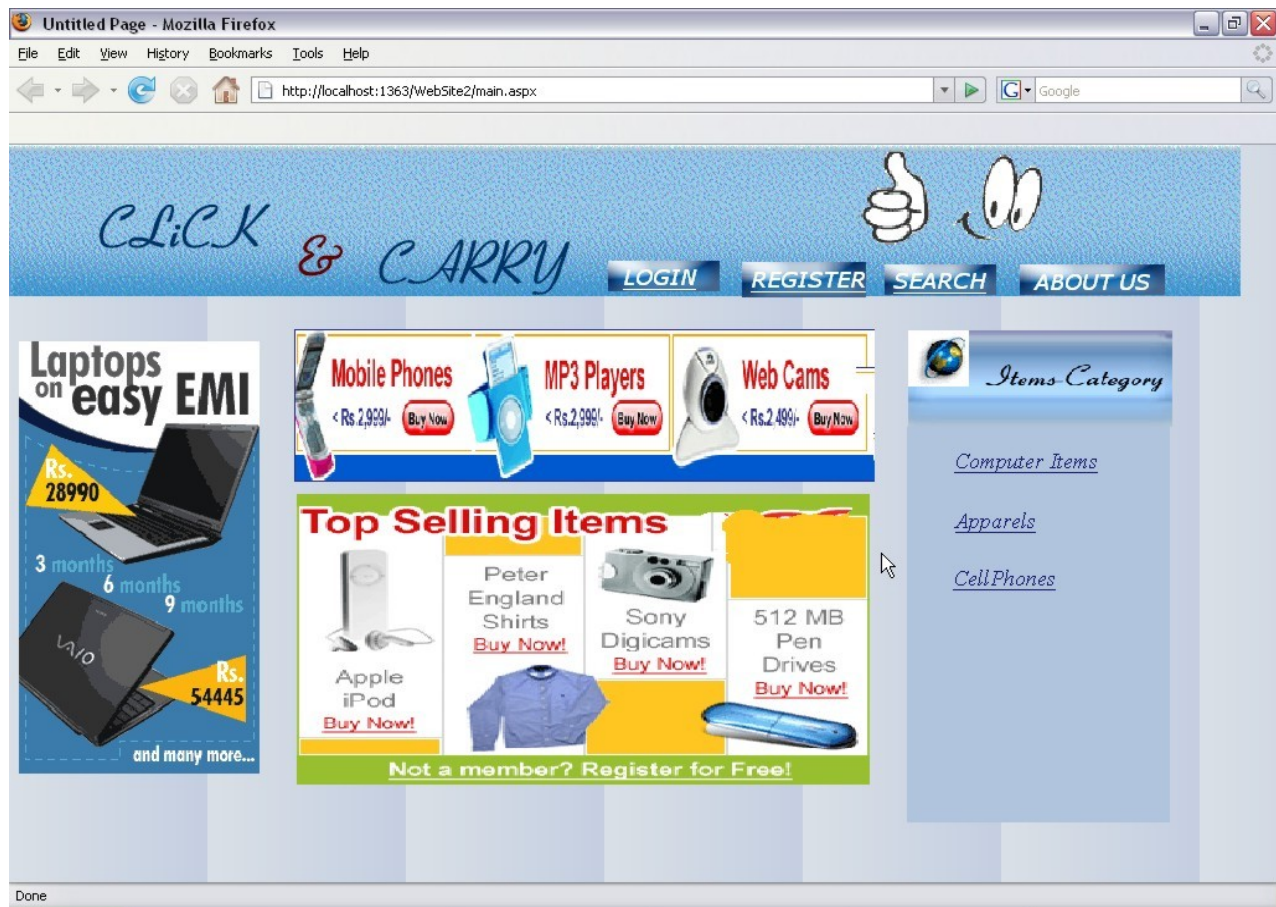
Black box testing is not an alternating to white box testing rather it is complimentary approach that is likely to uncover a different classes of errors that white box method. Black box testing attempts to find errors in the following categories.

- (1) Incorrect or missing function
- (2) Interface errors
- (3) Error in data structure or external data base access.
- (4) Behavior or performance errors
- (5) Initializations or termination errors

9. INPUT OUTPUT SCREENS

FORMS OF THE PROJECT

1. Main Page

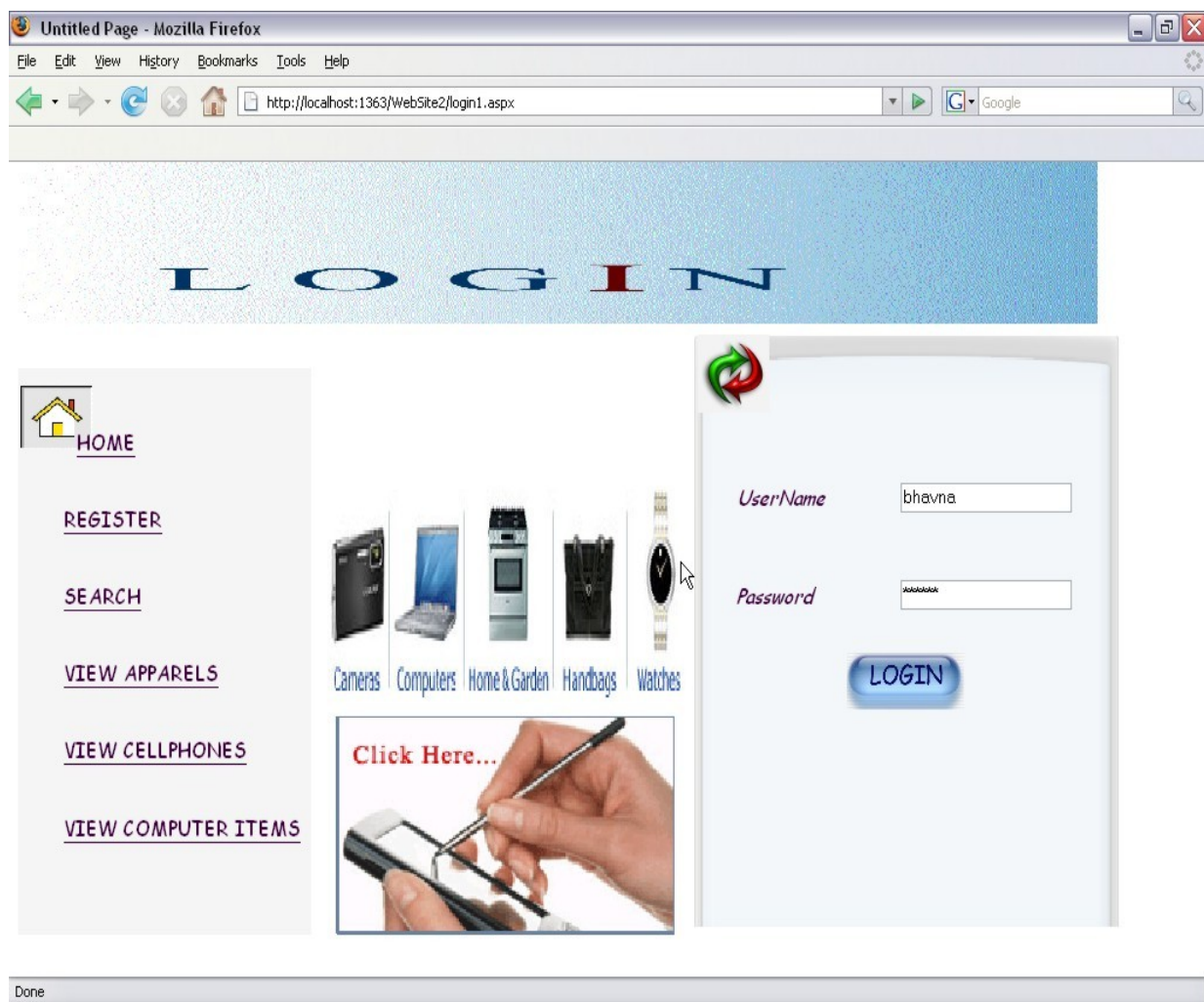


1It contains options for login,registration,search and to view items.

2It also contains new products advertisement.

LOGIN

PAGE



- 1This page allows already registered people to login and to shop.
- 2Only registered people can purchase any item
- 3This page also has registration option
- 4“Home” option allow user to move to main page.

SEARCH PAGE

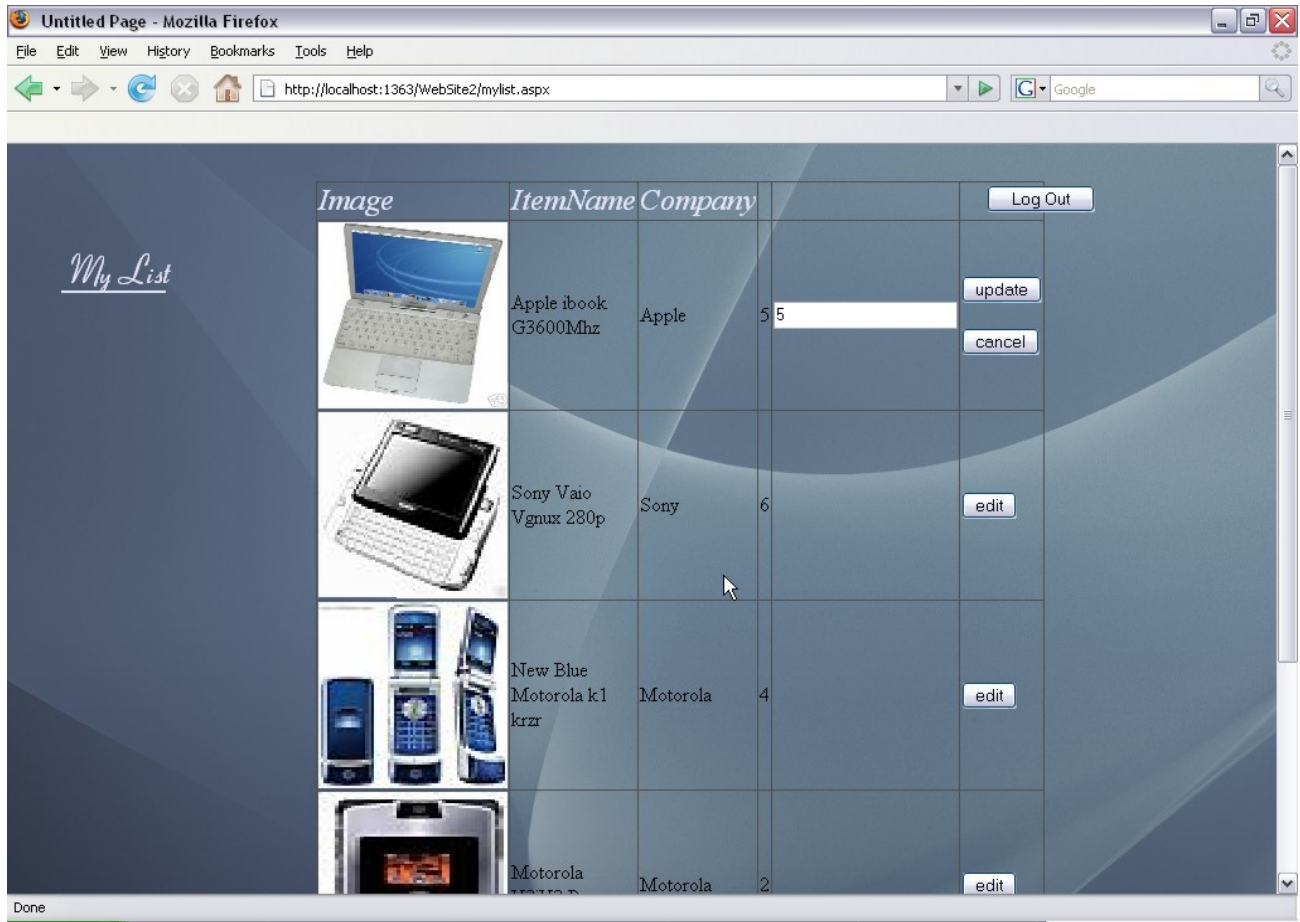


1This page give facility to the user to search for a product by its company name.

2It gives the list of all the available items

3If you are registered than from this page you can purchase it also.

MYLIST



1This page contains all the items which you have selected for purchasing.

2Here an option 'EDIT' present using which you can change the quantity of the items you are purchasing.

3One option 'ORDER' is present this will show you the total amount you have to pay.

UPLOADITEMS

Upload Items

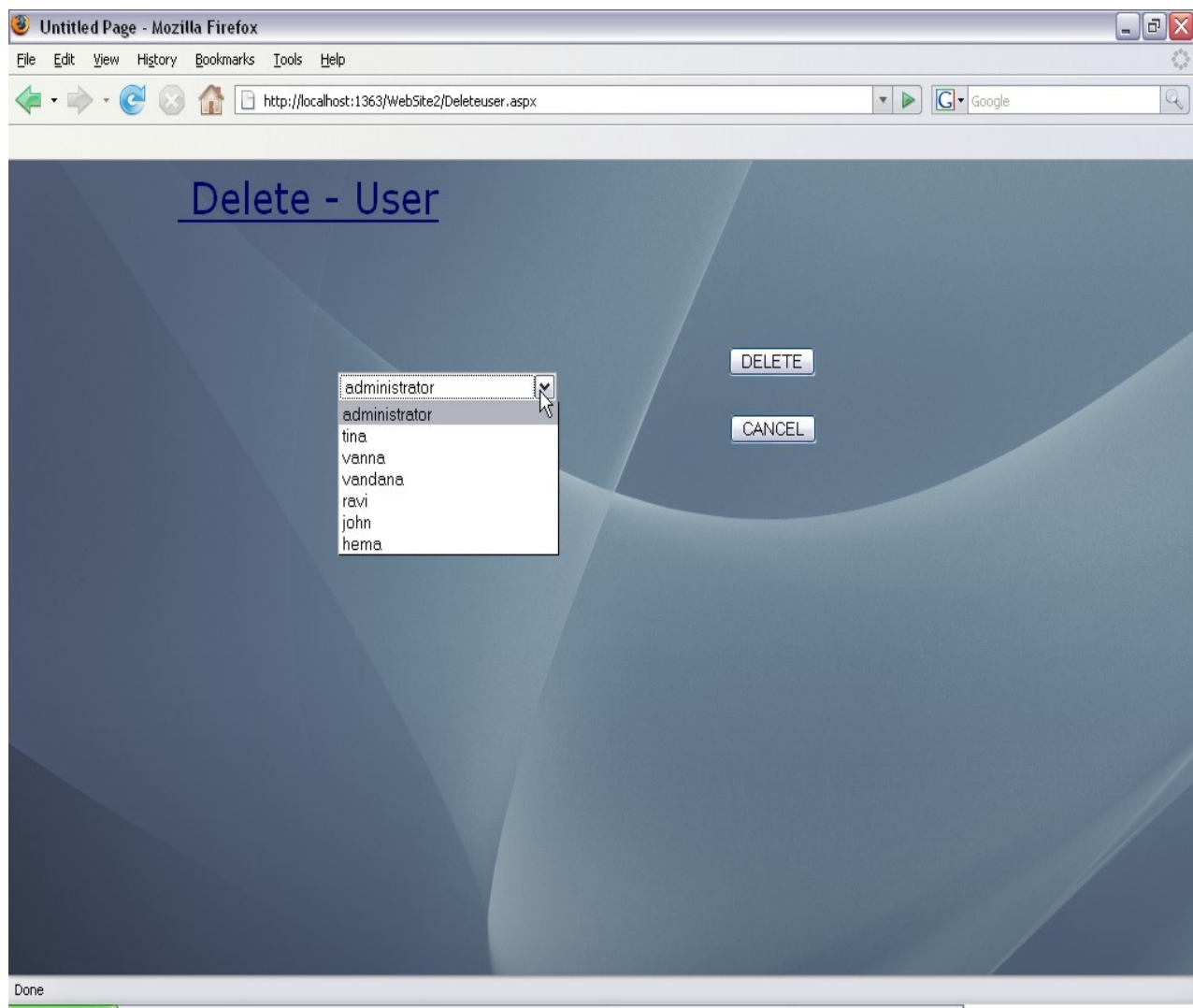
Item-Id	<input type="text" value="14"/>
Item-Name	<input type="text"/>
Item-Category	<input type="text" value="Computers"/>
Company	<input type="text"/>
Description	<input type="text"/>
Quantity	<input type="text"/>
BasePrice	<input type="text"/>
Image	<input type="text"/> <input type="button" value="Browse..."/>

1This page is only accessible by administrator it means when

administrator gets login only then this option is available.

2This form is used to enter new items in the list.

DELETE USER



1This form is used by administrator to delete any user if want.

2It is also only available to administrator,no othe user can't do it.

3It has a list of all users, by selecting it can be deleted.

Implementation of security for software development

As far as security is concerned the following issues are considered...

1The Lock Code Security is implemented within the software that assures that the user belongs to the Authenticated User Domain of the software. For performing the process each user has been given a code that he has to give at the time of initialization of the application.

2Every user has to get Login first to access all the services and information provided by the software.

3 Apart from providing the login facility to the user of the software, the feature of encryption of Password & login name is performed so that to achieve greater extent of security to remove fears of information leaking situation.

4 For the services that are only to be accessed by the administrator user (i.e. TPO) of the software, are not be visible to the other users (students) so that even not to indicate the services provided to higher level user.
s

5 The database hiding provides the best Information security for the purpose by locking the database for being opened directly without accessing through the Front-End. The database can also be made hidden by converting it into other format.

6 The maintenance of Log files for login information of the users i.e. the software's usage history log files.

10. Limitations of project

Although having access to a very large number of products is highly desirable, consumers have limited cognitive resources and may simply be unable to process the potentially vast amounts of information about these alternatives (Haubl & Trifts, 2000). Online stores need to provide the variety in an organized way that will facilitate shopping online

11. Future Applications

- 1Secure registration and profile management facilities for Customers
- 2Browsing through the e-Mall to see the items that are there in each category of products like Apparel, Kitchen accessories, Bath accessories, Food items etc.
- 3Adequate searching mechanisms for easy and quick access to particular products and services.
- 4Creating a Shopping cart so that customers can shop 'n' no. of items and checkout finally with the entire shopping carts
- 5Customers should be able to mail the Shop about the items they would like to see in the Shop

- 6Regular updates to registered users of the website about new arrivals.
- 7Secured mechanism for checking out from the Shop (Credit card verification mechanism)
- 8Updates to customers about the recently added items in the shop through various mechanisms.
- 9Uploading 'Most Purchased' Items in each category of products in the Shop like Apparel, Kitchen accessories, Bath accessories, Food items etc.
- 10Strategic data and graphs for Administrators and Shop owners about the items that are popular in each category and age group
- 11Give special discounts to Premier customers
- 12Shop employees are responsible for internal affairs like processing orders, assure home delivery, getting customer's delivery-time feedback, updating order's status and answering client's queries online.
- 13Feedback mechanism, so that customers can give feedback for the product or service which they have purchased. Also facility rating of individual products by relevant customers. Also feedback can be given on the performance of particular vendors and the entire mall as well.
- 14Adequate payment mechanism and gateway for all popular credit cards, cheques and other relevant payment options, as available from time to time.

Initial non functional requirements will be: -

- 1Secure access of confidential data (user's details). SSL can be used.

224 X 7 availability

3Better component design to get better performance at peak time

4Flexible service based architecture will be highly desirable for future extension

5Advertisement space where it will effectively catch the customer's attention and as a source of revenue.

Initial reporting needs that are to be answered will be: -

1Category wise items that are sold more and the brand names for the same

2Which brand is more popular in each category of products

3Who are the customers who visit often(to facilitate them by making them Premier customers)

4Discounts given to the Premier customers

In addition to the above mentioned points, due to the highly evolving nature of the project, the following are planned to be delivered if deemed necessary:

1Warehousing within the very ambits of the project

2More payment gateways.

3Dynamic price model by which prices can be changed based on demand and supply

4Dynamic Storefront: Each customer had a Web page personalized based on his or her recent purchases. This is the equivalent of having a unique storefront for each customer in hopes of drawing in as many return customers as possible.

This list is by no means, a final one. The final list will be dictated by implementation constraints, market forces and most importantly, by end user demands for whom this is being built.

12. BIBLIOGRAPHY

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2. System Analysis & Design - Elias M. Awad
3. Database System - Bipin C. Desai
4. Java Script –Flamange

5. Dynamic HTML-Goodman

