

# **ONLINE SHOPPING PORTAL**

Project  
report submitted in partial fulfillment of  
the Requirements for the  
Award of the Degree of  
B.Tech in Information  
Technology  
and Engineering

BY

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**2020**

## **CERTIFICATION**

THIS IS TO CERTIFY THAT THE PROJECT REPORT ENTITLED “ **ONLINE SHOPPING PORTAL** ”

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IN PARTIAL FULLFILMENT FOR THE AWARD OF THE DEGREE OF BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING TO THE GRAPHIC ERA DEEMED TO BE UNIVERSITY IS A RECORD OF BONAFIED CARRIED OUT UNDER MY GUIDANCE AND SUPERVISION

THE RESULTS EMBODIED IN THIS PROJECT REPORT HAVE NOT BEEN SUBMITTED TO ANY OTHER UNIVERSITY OR INSTITUTE FOR THE AWARD OF ANY OTHER DEGREE OR DIPLOMA

(Project Guide) Sanjeev

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Professor Date: 18<sup>th</sup> of May,

2022

Head of the Department

## **ACKNOWLEDGEMENT**

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## **ABSTRACT**

The Online Shopping is a web based application intended for online retailers. The main objective of this application is to make it interactive and its ease of use. It would make searching, viewing and selection of a product easier. It contains a sophisticated search engine for user's to search for products specific to their needs. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user's input. The user can then view the complete specification of each product. They can also view the product reviews and also write their own reviews. The application also provides a drag and drop feature so that a user can add a product to the shopping cart by dragging the item in to the shopping cart. The main emphasis lies in providing a userfriendly search engine for effectively showing the desired results and its drag and drop behavior.

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## **1) INTRODUCTION**

Shopping has long been considered a recreational activity by many. Shopping online is no exception. The goal of this application is to develop a web based interface for online retailers. The system would be easy to use and hence make the shopping experience pleasant for the users. The goal of this application is

- To develop an easy to use web based interface where users can search for products, view a complete description of the products and order the products.
- A search engine that provides an easy and convenient way to search for products specific to their needs. The search engine would list a set of products based on the search term and the user can further filter the list based on various parameters.

## **1)LITERATURE REVIEW**

The face is an important part of the human body, distinguishing individuals in large groups of people. Thus, because of its universality and uniqueness, it has become the most widely used and accepted biometric method. The domain of face recognition has gained the attention of many scientists, and hence it has become a standard benchmark in the area of human recognition. It has turned out to be the most deeply studied area in computer vision for more than four decades. It has a wide array of applications, including security monitoring, automated surveillance systems, victim and missing-person identification and so on. This review presents the broad range of methods used for face recognition and attempts to discuss their advantages and disadvantages. Initially, we present the basics of face-recognition technology, its standard workflow, background and problems, and the potential applications. Then, face-recognition methods with their advantages and limitations are discussed. The concluding section presents the possibilities and future implications for further advancing the field.

# **1) SOFTWARE REQUIREMENT**

## **PROBLEM ANALYSIS**

### **Product definition**

Online Shopping Portal System is a computerized, online solution to the various problems faced by the Product buyer and seller wishing to outsource their software development work to a Provider at an economical cost, thus achieving high performance, accuracy, reliability and high speed of data retrieval.

In this system, there is a registration process each for the Product buyer and seller. The Administrator of the site verifies the Provider after his registration and if satisfied, assigns him a user name and password.

Our site can be used by anyone who is searching for Products whether he/she is first time visiting our site. Our site also provides some discounted Products as same u get on any shop.

**The software covers the following point while keeping in mind user's requirement:-**

- Fast online access of information about various Products.
- Search Products by keywords like functional area, experience and also by initials of the Product's name.
- Administrator will maintain the database and perform all process.

**There are 2 categories of users-**

1. General User
2. Registered Users

## **1) SURVEY PROJECT SCOPE AND FEASIBILITY**

This activity is also known as the feasibility study. It begins with a request from the user for a new system. It involves the following:

- Identify the responsible user for a new system
- Clarify the user request
- Identify deficiencies in the current system
- Establish goals and objectives for the new system
- Determine the feasibility for the new system
- Prepare a project charter that will be used to guide the remainder of the Project

## **2) SYSTEMS ANALYSIS**

The objective of the system analysis activity is to develop structured system specification for the proposed system. The structured system specification should describe what the proposed system would do; independent of the technology, which will be used to implement these requirements. The structured system specification will be used to implement these requirements. The structured system specification will be called the essential model (also known as logical model).

The essential model may itself consist of multiple models, modeling different aspect of the system. The data flow diagrams may model the data and their relationships and the state transition diagram may model time dependent behavior of the system. The essential model thus consists of the following.

- Context diagram
- Leveled data flow diagrams
- Process specification for elementary bubbles
- Data dictionary for the flows and stores on the DFDs.

## **3) PRELIMINARY DESIGN**

The activity deals with certain design issues, which are to be finalized in consultation with the user. The two most important design issues of relevance to the user are the automation boundary and the human-machine interface. The output of the activity is the user implementation model. The major part of the user implementation model is the specification for the user interface of the proposed system. The user implementation model is also referred to as the physical model of the proposed system. The user implementation model is also referred to as the physical model of the proposed system. The model, in addition to the essential model, defines the following for the proposed system:

- Automation boundary
- Report layouts
- Layouts of the source documents
- Screen layouts for the data entry forms
- Menu

## **4) SYSTEM DESIGN**

System design involves transformation of the user implementation model into software design. The design specification of the proposed system consists of the following:

- Database scheme
- Structure charts
- Pseudo codes for the modules in structure charts

## **5) IMPLEMENTATION**

This activity includes programming, testing and integration of modules into a progressively more complete system. Implementation is the process of collect all the required parts and assembles them into a major product.

## **6) TEST GENERATION**

This activity generates a set of test data, which can be used to test the new system before accepting it. In the test generation phase all the parts are come which are to be tested to ensure that system does not produce any error. If there are some errors then we remove them and further it goes for accepting.

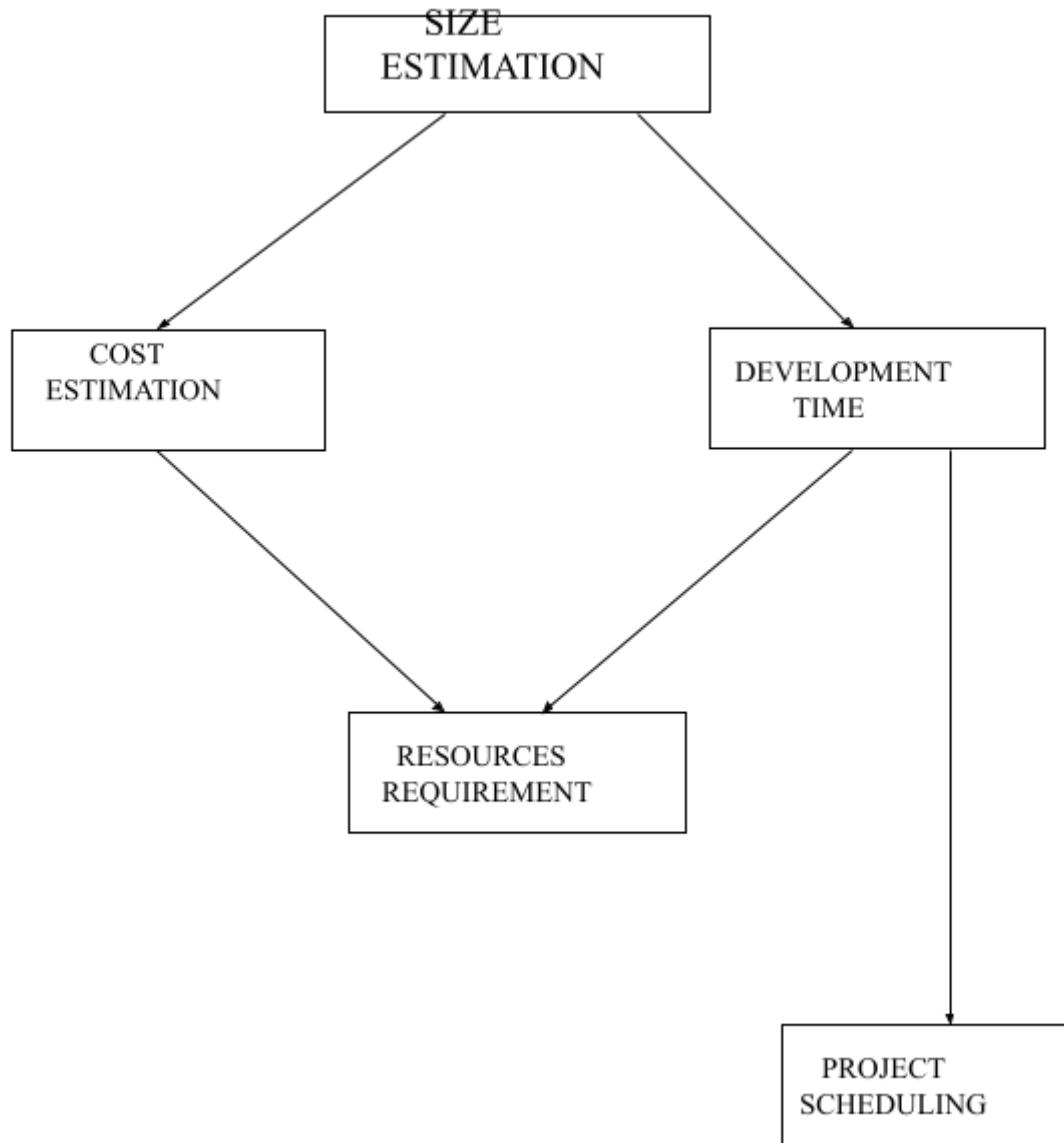
## **SYSTEM DESIGN**

The most creative and challenging phase of System Development Life Cycle (SDLC) is Software Design. SDS is systematic documentation of design. A design process involves “conceiving and planning out in the mind” and “making drawing pattern or sketch”. The term “design” describes a final system and the process by which it is developed. It assist in catching potential errors before the implementation phase itself which had been very costly to remove otherwise.

System Design is a solution how to translate the system requirement into a blue print for constructing the software. The goal of SDS is not only to produce a correct design but the best possible one within the limitation imposed by the requirements and the physical and social environment in which the system will operate.

# FLOW DIAGRAM

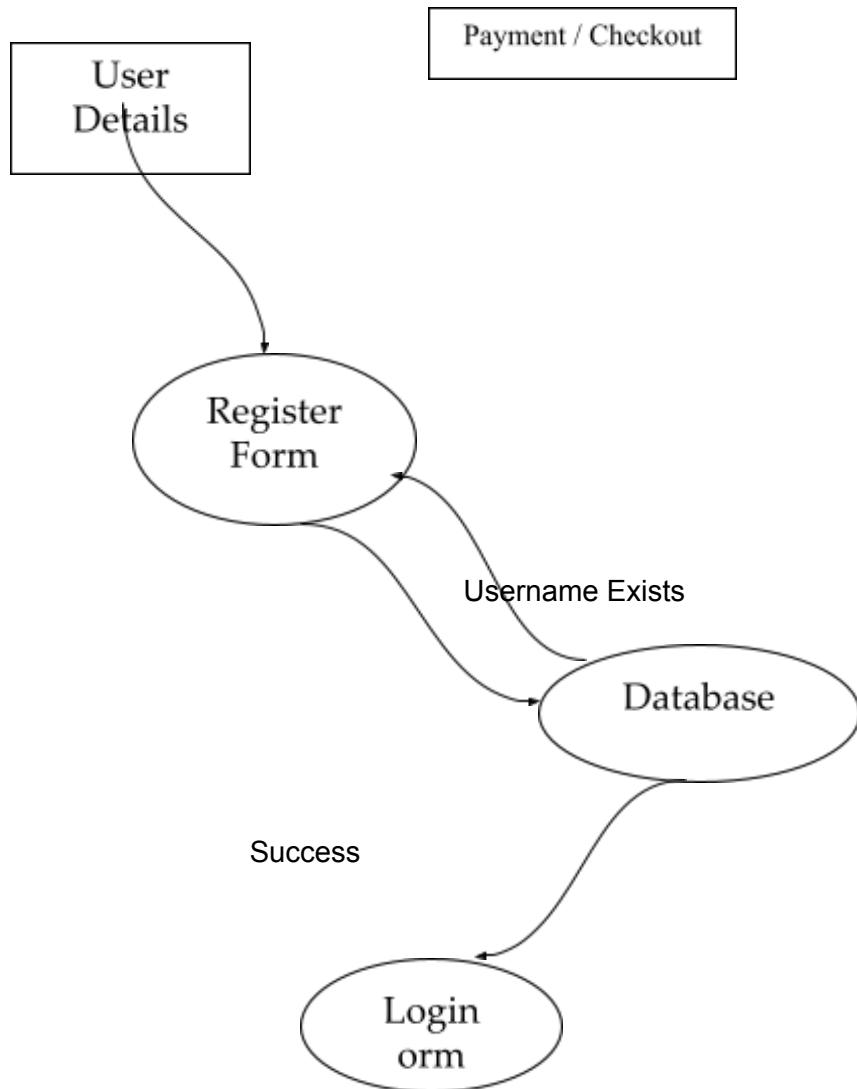
## ACTIVITIES DURING SOFTWARE PROJECT PLANNING



## FLOWCHART



**For Registration**



## **● HARDWARE & SOFTWARE REQUIRMENTS**

### **At Developer Side**

During system development, i have to design both static and dynamic website interfaces, create website functions and a database system, edit photos and pictures, so its has a set of software and hardware requirements.

#### **Hardware Used**

- Intel Dual Core Processor
- 160 GB Hard Disk Drive.
- 1GB RAM.
- O.S. – Windows XP SP2

#### **Software Used**

- WAMP SERVER
- MYSQL Database
- NOTEPAD
- MS PAINT

### **At System Users Side**

The following is the requirements for the system users including members and administrators.

#### **Hardware Requirements**

- Intel Pentium 4 Processor
- 20 GB Hard Disk Drive.
- 256MB RAM.
- O.S. – Windows XP

#### **Software Requirements**

- Browser (IE 7.0 or Above, Mozilla Firefox, Google Chrome)
- Browser Must be JavaScript Enabled

## **EXPECTED OUTCOMES**

- Quick generation of data entry forms
- Quick processing of information
- Quick retrieval of data
- Quick and correct updating of data.
- Least storage requirements
- Secured and controllable data storage
- Full backups of data
- Readable, clean, up to date and timely reports.

# 1)CODE TEMPLATES

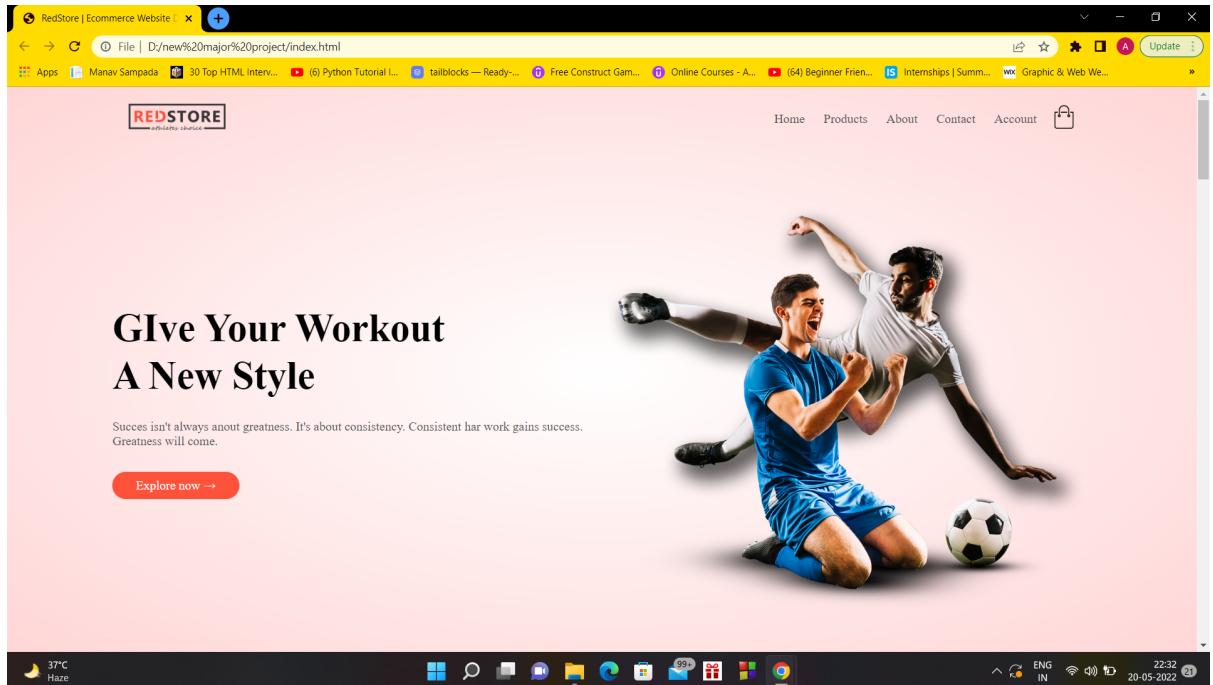


Fig 2: FRONT PAGE

A screenshot of Visual Studio Code showing the 'index.html' file. The code is written in HTML and includes CSS and JavaScript. The code structure includes a header section with a menu icon, a main content area with a heading 'GIve Your Workout A New Style' and a quote, and a 'featured categories' section with three image placeholders. The code uses classes like 'menu-icon', 'row', 'col-2', and 'col-3'. The right side of the screen shows the VS Code interface with file explorer, search, and other tools.

Fi: FRONT PAGE CODE

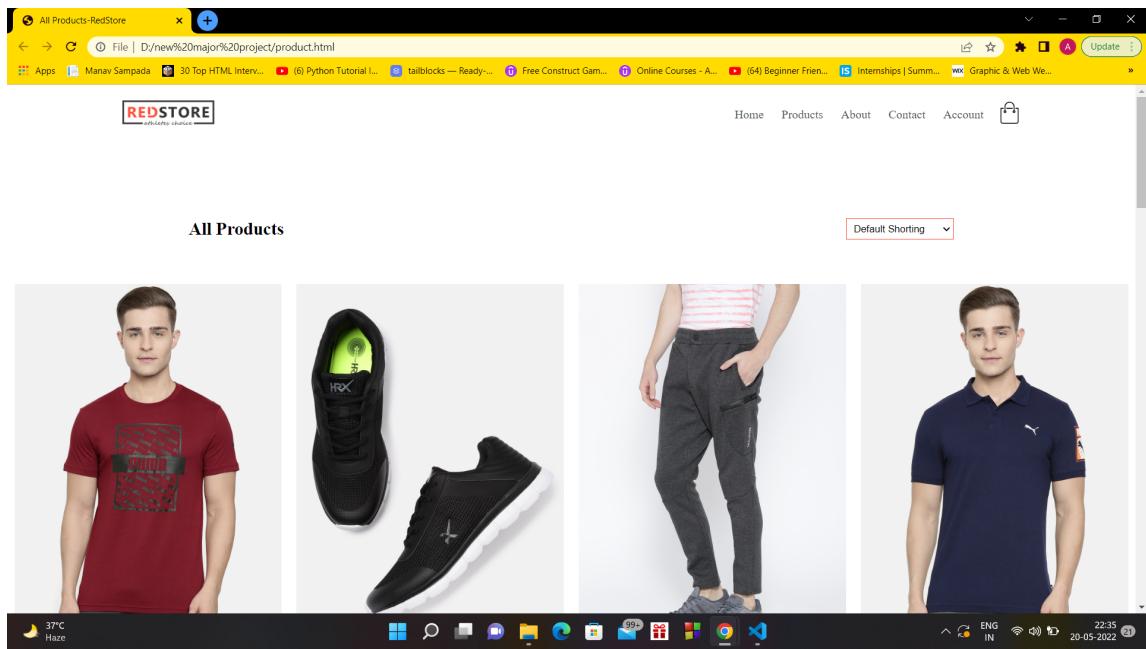


Fig 4: ALL PRODUCTS

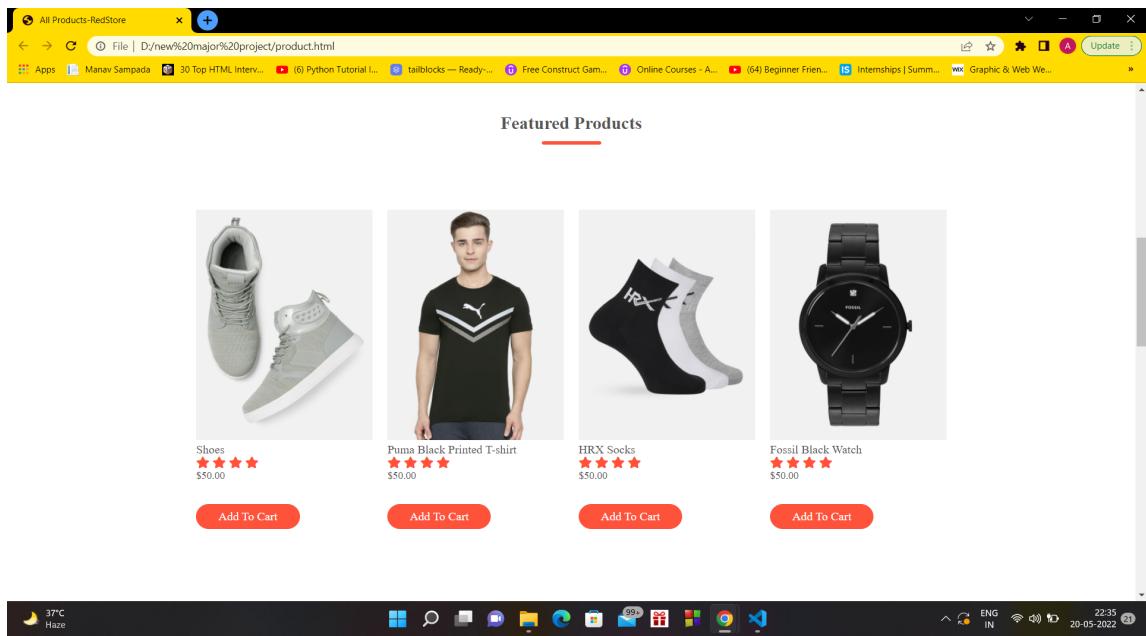


Fig 5: ALL PRODUCTS

```
<div>
  <div class="small-container">
    <div class="row row-2">
      <h2>All Products</h2>
      <select>
        <option>Default Shorting</option>
        <option>Short by price</option>
        <option>Short by popularity</option>
        <option>Short by rating</option>
        <option>Short by sale</option>
      </select>
    </div>
  </div>
  <div class="row">
    <div class="col-4">
      
      <h4>Red Printed T-shirt</h4>
      <div class="rating">
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
      </div>
      <div class="rating"></div>
      <p>$50.00</p>
      <a href="file:///D:/new%20major%20project/product%20details/product%20details.html" class="btn">Add To Cart</a>
    </div>
    <div class="col-4">
      
      <h4>HMR Black Shoes</h4>
```

Fig 6: ALL PRODUCTS CODE

```
<div>
  <div class="small-container">
    <div class="row row-2">
      <h2>All Products</h2>
      <div class="col-4">
        
        <h4>Red Printed T-shirt</h4>
        <div class="rating">
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
        </div>
        <div class="rating"></div>
        <p>$50.00</p>
        <a href="D:/new major project\product details\product details2.html" class="btn">Add To Cart</a>
      </div>
      <div class="col-4">
        
        <h4>Stylish Shoes</h4>
        <div class="rating">
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
        </div>
        <div class="rating"></div>
        <p>$50.00</p>
        <a href="D:/new major project\product details\product details3.html" class="btn">Add To Cart</a>
      </div>
      <div class="col-4">
        
        <h4>Blue Printed T-shirt</h4>
        <div class="rating">
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
        </div>
        <div class="rating"></div>
        <p>$50.00</p>
        <a href="#" class="btn">Add To Cart</a>
      </div>
    </div>
  </div>
```

Fig 7: ALL PRODUCTS CODE

Product	Quantity	Subtotal
Red Printed T-Shirt Price: \$50.00 <a href="#">Remove</a>	<input type="text" value="1"/>	\$50.00
Red Printed T-Shirt Price: \$50.00 <a href="#">Remove</a>	<input type="text" value="1"/>	\$50.00
Red Printed T-Shirt Price: \$50.00 <a href="#">Remove</a>	<input type="text" value="1"/>	\$50.00
<b>Subtotal</b>		\$200.00
<b>Tax</b>		\$20.00
<b>Total</b>		\$220.00

Fig 8:CART PAGE

```

<table border="1">
    <thead>
        <tr>
            <th>Product</th>
            <th>Quantity</th>
            <th>Subtotal</th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <td><div class="cart-info"></div>
                <p>Red Printed T-Shirt</p>
                <small>Price: $50.00</small>
                <br>
                <a href="#">Remove</a>
            </div></td>
            <td><input type="number" value="1"></td>
            <td>$50.00</td>
        </tr>
        <tr>
            <td><div class="cart-info"></div>
                <p>Red Printed T-Shirt</p>
                <small>Price: $50.00</small>
                <br>
                <a href="#">Remove</a>
            </div></td>
            <td><input type="number" value="1"></td>
            <td>$50.00</td>
        </tr>
        <tr>
            <td><div class="cart-info"></div>
                <p>Red Printed T-Shirt</p>
                <small>Price: $50.00</small>
                <br>
                <a href="#">Remove</a>
            </div></td>
            <td><input type="number" value="1"></td>
            <td>$50.00</td>
        </tr>
    </tbody>
</table>

```

Fig 9: CART PAGE CODE

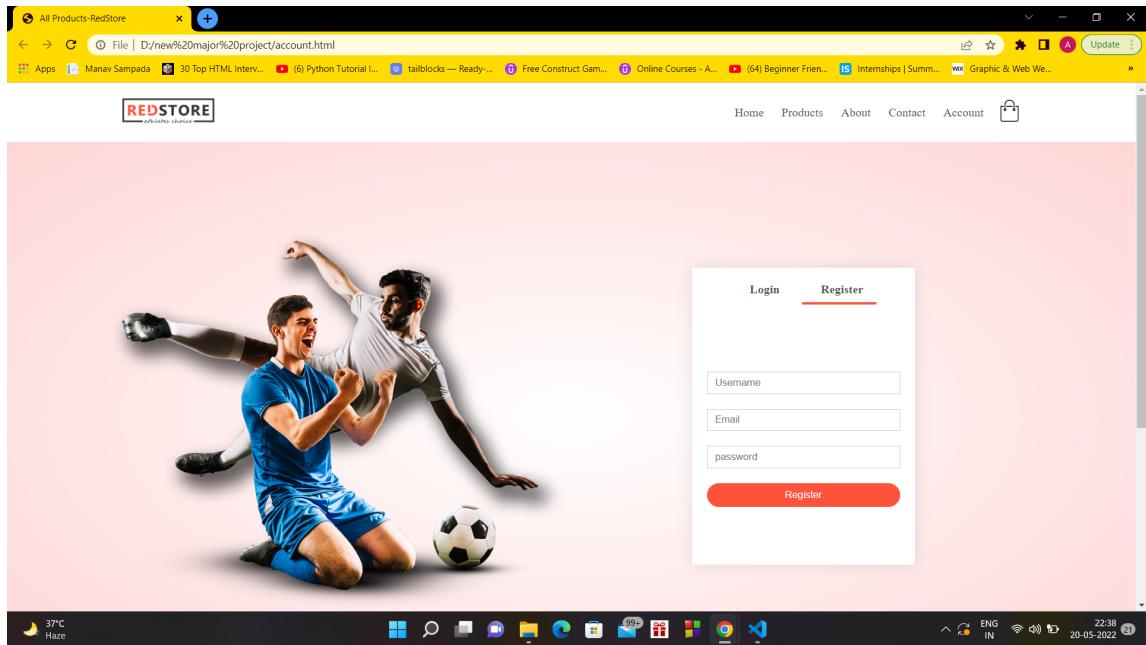


Fig 10: LOGIN AND REGISTER PAGE

```

File Edit Selection View Go Run Terminal Help account.html - Visual Studio Code
index.html product.html cart.html account.html

D: > new major project > account.html > ...
30 <!--account page-->
31 <div class="account-page">
32   <div class="container">
33     <div class="row">
34       <div class="col-2">
35         
36       </div>
37
38       <div class="col-2">
39         <div class="form-container">
40           <div class="form-btn">
41             <span onclick="login()">Login</span>
42             <span onclick="register()">Register</span>
43             <hr id="indicator">
44           </div>
45
46           <form id="loginform">
47             <input type="text" placeholder="Username">
48             <input type="password" placeholder="password">
49             <button type="submit" class="btn">Login</button>
50             <a href="#">Forgot Password</a>
51           </form>
52
53           <form id="regform">
54             <input type="text" placeholder="Username">
55             <input type="Email" placeholder="Email">
56             <input type="password" placeholder="password">
57             <button type="submit" class="btn">Register</button>
58           </form>
59         </div>

```

Fig 11: LOGIN AND REGISTER PAGE CODE

```

43     <hr id="indicator">
44     </div>
45
46     <form id="loginForm">
47         <input type="text" placeholder="Username">
48         <input type="password" placeholder="password">
49         <button type="submit" class="btn">Login</button>
50         <a href="#">Forgot Password</a>
51     </form>
52
53     <form id="regForm">
54         <input type="text" placeholder="Username">
55         <input type="Email" placeholder="Email">
56         <input type="password" placeholder="password">
57         <button type="submit" class="btn">Register</button>
58     </form>
59
60     </div>
61
62 </div>
63
64
65 <!--Footer-->
66 <div class="footer">
67     <div class="container">
68         <div class="row">
69             <div class="footer-col-1">
70                 <h3>Download Our App</h3>
71                 <p>Download App for Android And IOS mobile Phone.</p>
72                 <div class="app-logo">
73                     <img alt="App icons for Google Play and App Store" />
74                 </div>
75             </div>
76             <div class="footer-col-2">
77                 <img alt="Logos of Godrej, OPPO, Coca-Cola, PayPal, and Philips" />
78             </div>
79         </div>
80     </div>
81 </div>
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99

```

Fig 12: LOGIN AND REGISTER PAGE CODE

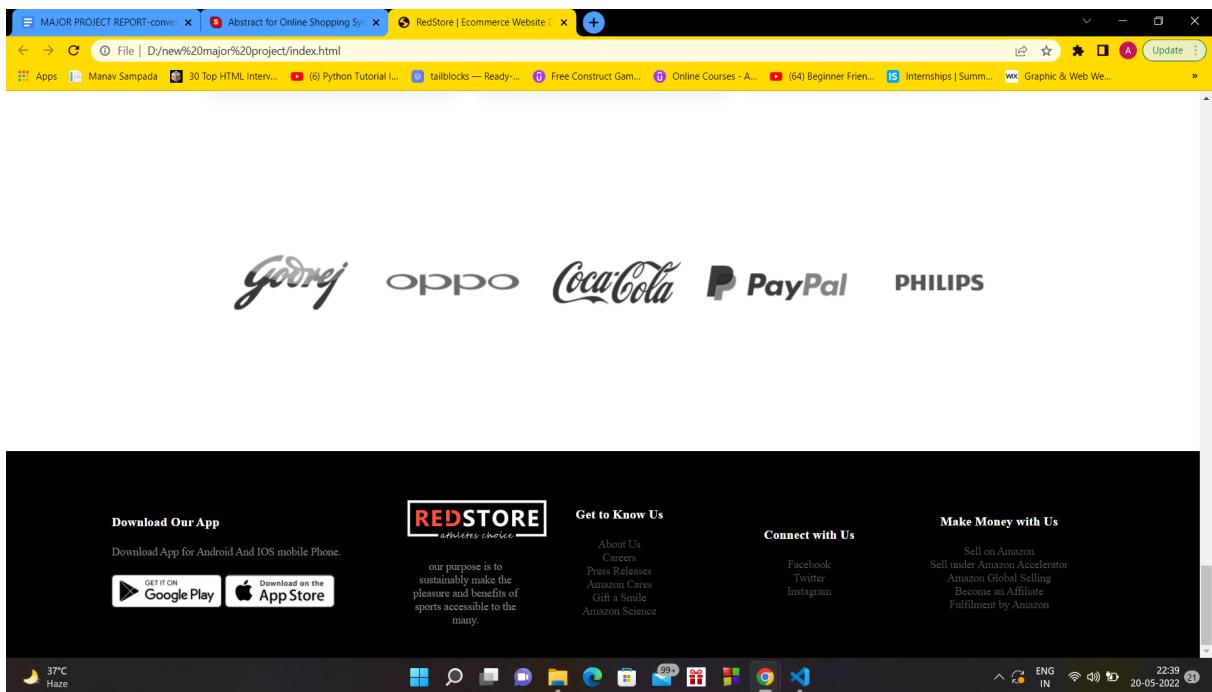


Fig 13: FOOTER PAGE

A screenshot of Visual Studio Code showing the code for the footer section of index.html. The code is organized into four columns (cols) within a container row. Column 1 contains links to download the app for Android and iOS. Column 2 contains the Amazon logo and a statement about making sports accessible. Column 3 contains a 'Get to Know Us' section with links to About Us, Press Releases, Amazon Cares, Gift a Smile, and Amazon Science. Column 4 contains a 'Connect with Us' section. The code uses classes like 'footer', 'container', 'row', 'col-1' through 'col-4', and 'app-logo'.

```
<!--Footer-->
<div class="footer">
  <div class="container">
    <div class="row">
      <div class="col-1">
        <h3>Download Our App</h3>
        <p>Download App for Android And IOS mobile Phone.</p>
        <div class="app-logo">
          
          
        </div>
      </div>
      <div class="col-2">
        
        <p>our purpose is to sustainably make the pleasure and benefits
           of sports accessible to the many.</p>
      </div>
      <div class="col-3">
        <h3><b>Get to Know Us</b></h3>
        <ul>
          <a href="https://www.aboutamazon.in/?utm_source=gateway&utm_medium=footer">About Us</a><br>
          <a href="https://amazon.jobs/en/">Careers</a><br>
          <a href="https://press.aboutamazon.in/?utm_source=gateway&utm_medium=footer">Press Releases</a><br>
          <a href="https://www.amazon.in/gp/browse.html?node=8872558031&ref_=footer_cares"> Amazon Cares</a><br>
          <a href="https://www.amazon.in/gp/browse.html?node=4594605031&ref_=footer_smile"> Gift a Smile</a><br>
          <a href="https://www.softwaretestinghelp.com/html-interview-questions/">Amazon Science</a><br>
        </ul>
      </div>
      <div class="col-4">
        <h3><b>Connect with Us</b></h3>
      </div>
    </div>
  </div>

```

Fig 14: FOOTER PAGE  
CODE

A screenshot of Visual Studio Code showing the code for the footer section of index.html. This view shows the same footer structure as Fig 14, including the four-column layout and various links. The code is identical to the one in Fig 14.

```
<!--Footer-->
<div class="footer">
  <div class="container">
    <div class="row">
      <div class="col-1">
        <h3>Download Our App</h3>
        <p>Download App for Android And IOS mobile Phone.</p>
        <div class="app-logo">
          
          
        </div>
      </div>
      <div class="col-2">
        
        <p>our purpose is to sustainably make the pleasure and benefits
           of sports accessible to the many.</p>
      </div>
      <div class="col-3">
        <h3><b>Get to Know Us</b></h3>
        <ul>
          <a href="https://www.aboutamazon.in/?utm_source=gateway&utm_medium=footer">About Us</a><br>
          <a href="https://amazon.jobs/en/">Careers</a><br>
          <a href="https://press.aboutamazon.in/?utm_source=gateway&utm_medium=footer">Press Releases</a><br>
          <a href="https://www.amazon.in/gp/browse.html?node=8872558031&ref_=footer_cares"> Amazon Cares</a><br>
          <a href="https://www.amazon.in/gp/browse.html?node=4594605031&ref_=footer_smile"> Gift a Smile</a><br>
          <a href="https://www.softwaretestinghelp.com/html-interview-questions/">Amazon Science</a><br>
        </ul>
      </div>
      <div class="col-4">
        <h3><b>Connect with Us</b></h3>
      </div>
    </div>
  </div>

```

Fig 15: FOOTER PAGE  
CODE

A screenshot of Visual Studio Code showing the file `index.html`. The code includes HTML structure and a JavaScript function for toggling a menu. The interface shows a sidebar with file navigation, a search bar, and a status bar at the bottom.

```
342 </div> </div> </div>
343 </div> </div> </div>
344 </div> </div> </div>
345 <!-------js for toggle menu----->
346 <script>
347     var MenuItems= document.getElementById("MenuItems");
348     MenuItems.style.maxHeight="0px";
349
350     function menutoggle(){
351         if(MenuItems.style.maxHeight=="0px")
352         {
353             MenuItems.style.maxHeight="200px";
354         }
355         else
356         {
357             MenuItems.style.maxHeight="0px";
358         }
359     }
360
361     </script>
362
363 </body>
364 </html>
```

Fig 16: FOOTER PAGE  
CODE AND JS

A screenshot of Notepad showing a CSS file named `style.css`. The code defines styles for a navbar, including flexbox properties and color definitions. The interface shows a toolbar at the top and a status bar at the bottom.

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
.navbar{
    display: flex;
    align-items: center;
    padding: 20px;
}
.nav{
    flex: 1;
    text-align: right;
}
.nav ul{
    display: inline-block;
    list-style-type: none;
}
.nav ul li{
    display: inline-block;
    margin-right: 20px;
}
.a{
    text-decoration: none;
    color: #555;
}
.p{
    color: #555;
}
.container{
    max-width: 1300px;
    margin: auto;
    padding-left: 25px;
    padding-right: 25px;
}
.row{
    display: flex;
    align-items: center;
    flex-wrap: wrap;
    justify-content: space-around;
}
.col-2{
    flex-basis:50%;
    width: 50%;}
```

Fig 17: Cascading Style Sheets  
(CSS) CODE

```
style - Notepad
File Edit View
display: flex;
align-items: center;
flex-wrap: wrap;
justify-content: space-around;
}
.col-2{
flex-basis:50%;
min-width: 300px;
}
.col-2 img{
max-width: 100%;
padding: 48px 0;
}
.col-2 h1{
font-size: 50px;
line-height: 60px;
margin: 25px 0;
},
.btn{
display: inline-block;
background: #ff523b;
color: #fff;
padding: 10px 30px;
margin: 30px 0;
border-radius: 30px;
transition: background 0.5s;
},
.btn:hover{
background: brown;
},
.header{
background: radial-gradient(#fff,#ffd6d6);
},
.header.row{
margin-top: 70px;
},
.categories{
margin: 70px 0;
}
.col-3{
flex-basis: 30%;
min-width: 250px;
margin-bottom: 30px;
}
Ln 17, Col 27
37°C Haze
```

The screenshot shows a Notepad window titled "style - Notepad" displaying CSS code. The code defines a flex layout for a two-column layout with a header and categories section. It includes styles for columns, images, headings, buttons, and a header row. The Notepad window has a dark theme and is running on a Windows operating system. The taskbar at the bottom shows various pinned icons.

Fig 18: Cascading Style Sheets (CSS) CODE

```
style - Notepad
File Edit View
margin: auto;
padding-left: 25px;
padding-right: 25px;
}
.col-4{
flex-basis: 25%;
padding: 10px;
min-width: 200px;
margin-bottom: 50px;
transition: transform 0.5s;
}
.col-4 img{
width: 100%, 
},
.title{
text-align: center;
margin: 0 auto 80px;
position: relative;
line-height: 60px;
color: #555;
}
.title::after{
content: '';
background: #ff523b;
width: 80px;
height: 5px;
border-radius: 5px;
position: absolute;
bottom: 0;
left: 50%;
transform: translateX(-50%);
}
h4{
color: #555;
font-weight: normal;
}
.col-4 p{
font-size: 14px;
}
.rating .fa{
color: #ff523b;
}
.col-4:hover{
transform: translateY(-5px);
}
Ln 17, Col 27
37°C Haze
```

The screenshot shows a Notepad window titled "style - Notepad" displaying CSS code for a four-column layout. It includes styles for columns, images, titles, and a rating section. The Notepad window has a dark theme and is running on a Windows operating system. The taskbar at the bottom shows various pinned icons.

Fig 19: Cascading Style Sheets (CSS) CODE

```
style - Notepad
File Edit View
}
/*-----banner-----*/
.offer{
    background: radial-gradient(fff, #ffd6d6);
    margin-top: 80px;
    padding: 80px 0;
}
.col_2_offer-img{
    padding: 50px;
}
/*-----offer-----*/
.testimonial{
    padding-top: 100px;
}
.testimonial_col-3{
    text-align: center;
    padding: 40px 20px;
    box-shadow: 0 0 20px 0px rgba(0,0,0,0.1);
    cursor: pointer;
}
.testimonial_col-3 img{
    width: 200px;
    margin-top: 20px;
    border-radius: 50%;
}
.testimonial_col-3:hover{
    transform: translateY(-15%);
}
.col-3 p{
    font-size: 12px;
    margin: 12px 0;
    color: #777;
}
.testimonial_col-3 h3{
    font-weight: 600;
    color: #555;
    font-size: 16px;
}
.testimonial_col-3 a:hover{
    font-weight: 400;
    font-size: 20px;
}
Ln 17, Col 27
90% Windows (CRLF) UTF-8
ENG IN 22:41 20-05-2022 21
37°C Haze
```

Fig 20: Cascading Style Sheets (CSS) CODE

```
style - Notepad
File Edit View
/*
-----maedi query for menu-----
@media only screen and (max-width:800px){
    nav ul{
        position: absolute;
        top: 70px;
        left: 0;
        background: #333;
        width: 100%;
        overflow: hidden;
        transition: max-height 0.5s;
    }
    nav ul li{
        display: block;
        margin-right: 50px;
        margin-top: 10px;
        margin-bottom: 10px;
    }
    nav ul li a{
        color: #fff;
    }
    .menu-icon{
        display: block;
        cursor: pointer;
    }
}
/*-----All Products-----*/
.row-2{
    justify-content: space-between;
    margin: 100px auto 50px;
}
select{
    border: 1px solid #fff523b;
    padding: 5px;
}
select:focus{
    outline: none;
}
.page-btn{
    margin: 0 auto 80px;
}
.page-btn span{
    display: inline-block;
    border: 1px solid #fff523b;
}
Ln 17, Col 27
90% Windows (CRLF) UTF-8
ENG IN 22:41 20-05-2022 21
37°C Haze
```

Fig 22: Cascading Style Sheets (CSS) CODE

## **NEED OF THE PROPOSED SYSTEM**

The “**ONLINE SHOPPING PORTAL**” is developed according the current need in different Fields. This is online shopping Website which provides facility for purchasing Mobiles, Laptops, Camera and many more items. So by using this Online Shopping Portal users which want to purchase some products will first Register an account on this portal then Login through their Username and Password, and then Select items which they want to purchase and add them to cart and finally checkout by giving payment details. So by using this portal users can easily purchase products from their home.

## **METHODOLOGY**

### **HTML**

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page.

- HTML is widely used.
- Every browser supports HTML Language.
- Easy to learn and use.
- HTML is light weighted and fast to load.
- Do not get to purchase any extra software because it's by default in every window.
- Easy to use
- Loose syntax (although, being too flexible won't suit standards).
- HTML is easy enough to write

# CSS

Styling has been an essential property for any website since many decades. It increases the standards and overall look of the website which makes it easier for the user to interact with it. A website cannot be made without CSS, as styling is MUST since no user would want to interact with a dull and shabby website. So for knowing Web Development, learning CSS is must.

- **Base for web development:** HTML and CSS is the basic skill that every web developer should know. It is the basic skill that is required for building a website.
- **Makes your website look attractive:** A website that's dull and plain will not attract the user most probably, so adding some style would surely make your website presentable to the user.
- **Makes the design come live:** A web developer is responsible in making the design given to him as a live product. CSS is used for styling to develop the design of the website.

# JAVA SCRIPT

JavaScript is a widely-used programming language. Given below are some domains/products that can be built using JavaScript:

- **Websites:** JavaScript helps us to add behavior of our website. It helps users to interact with the website. For eg. clicking on buttons, saving details, uploading details on the website, etc.
- **Web Servers:** We can make robust server applications using JavaScript. To be precise we use JavaScript frameworks like Node.js and Express.js to build these servers.
- **Game Development:** In Game Development industry, JavaScript is used widely. With the addition of HTML5 Canvas, it's now possible to make 2D and 3D games in JavaScript very efficiently.
- **3D Drawings:** JavaScript in addition with HTML Canvas is used to make three-dimensional graphics.
- **Mobile Apps:** Mobile applications are the most popular modes of communicating these days. JavaScript also used to design mobile applications. There are many JavaScript frameworks using which we can make android, IOS, and hybrid apps.

# PHP

## Why we learn PHP?

PHP is one of the widely used open-source general-purpose scripting languages for Web Development. Apart from this, let's see why we should learn it.

- **Easy to Learn:** PHP is easier to learn for anyone who has come across to any programming language for the first time.
- **Free of Cost:** Since PHP is open-source language, therefore developers are allowed to use its components and all methods for free.
- **Flexible:** Since PHP is a dynamically typed language, therefore there are no hard rules on how to build features using it.
- **Supports nearly all databases :** PHP supports all the widely used databases, including MySQL, ODBC, SQLite etc.

# MYSQL

**MySQL** server is a open-source relational database management system which is a major support for web based applications. Databases and related tables are the main component of many websites and applications as the data is stored and exchanged over the web. Even all social networking websites mainly Facebook, Twitter, and Google depends on MySQL data which are designed and optimized for such purpose. For all these reasons, MySQL server becomes the default choice for web applications.

MySQL server is used for data operations like querying, sorting, filtering, grouping, modifying and joining the tables. Before learning the commonly used queries, let us look into some of the advantages of MySQL.

- Fast and high Performance database.
- Easy to use, maintain and administer.
- Easily available and maintain integrity of database.
- Provides scalability, usability and reliability.
- Low cost hardware.
- MySQL can read simple and complex queries and write operations.
- InnoDB is default and widely used storage engine.
- Provides strong indexing support.
- Provides SSL support for secured connections.

## **CONCLUSION**

Before online shopping there was only shopping in store but as the world has got more technology, shopping online has become more popular. I think that as the time goes on soon everyone will shop online, but I think shops will still stay in business because without shops people cant visually see what their buying and people may want their item that exact time when they see it and only by actually going shopping you can have the item you want at the exact same time you purchase it so that's why I think that online shopping will never take over actual shops on the high street.

They could improve online shopping by making the delivery time a lot quicker or allowing people to make a delivery time exactly when they want it. They could also improve online shopping's security levels, with this they could gain a lot more customers.

## **REFERENCES**

- Macia Mut, M.Magda, C.Payeras, A survey of electronic ticketing applied to transport, 2007.
- Feng Bao, A scheme of digital ticket for personal trusteddevice, 2004.
- N.M.Girinivas, P.Hemanand, K.P.Chetan, S.R.Janani, Local train e-ticket reservation system using walletsystem, 2015.
- S.Suresh, H Paul, Mobile enabled train tracking and ticketing system., 2014.
- G.Harter et al., Sustainable Urbanization: the role of ict in city development, 2010.
- Service Quality Management for RSRTC Operations, February 2012.
- State Policies Affecting Competition: Passenger Road Transportation Sector, New Delhi, GoI:National Council for Applied Economic Research, April 2007.
- N. Parmar et al., "Intelligent Transportation System", *International Journal of Scientific Research and Development*, vol. 5, no. 09, 2017.
- E. Stephen, "Explaining International IT Application Leadership: Intelligent Transportation System", *The Information Technology and Innovation Foundation (ITIF)*, January 2010.

