

# Ai Based Multi-Agent Online Shopping System

Priyanka Bingi, Ambika Guttikonda, Shweta Madgundi, V.S. Patki,

*U.G. Student, Department of Electronics Engineering, Walchand Institute of Technology, Solapur, India<sup>1</sup>*

*U.G. Student, Department of Electronics Engineering, Walchand Institute of Technology, Solapur, India<sup>3</sup>*

*U.G. Student, Department of Electronics Engineering,*

*Assistant Professor, Department of Electronics Walchand Institute of Technology, Solapur, India<sup>2</sup> Engineering, Walchand Institute of Technology, Solapur, India<sup>4</sup>*

Submitted: 25-06-2021

Revised: 06-07-2021

Accepted: 09-07-2021

**ABSTRACT**—First system can acquire the customer's current needs from System customer interactions. Then system combines expert knowledge and customer's current needs, and recommends optimal products based on multi-attribute decision method. If we want to maintain semantic conversation with sellers, commodity ontology is also utilized to support sharable information format and the representation. Agent methodology is-to support Ecommerce operations in the project like automating buying and selling process is promising and worth of success. The work process proposed in our paper aiming to present minimum solutions to increase and facilitate e-commerce transactions including automated price negotiations. It is a system, where users can assign their tasks to agents, which will do shopping job on their behalf and present them results.

It shows how these requirements are used to develop the multi agent-based simulation prototype of customer's shopping behavior in mall. Mainly the agents are assigned with special features and capabilities, this prototype can consider sufficiently believable and usable for end-users, mainly the mall managers. We show how shopping behavior simulator can support decision making process with respect to spatial configuration of shopping mall.

**Keywords**— PHP, multi-agent, client agent, controller agent, e-shopping

## I. INTRODUCTION

An AI multi-agent shopping system have many product details. The system allows customer to register and add the details about a product. The system stores all the details provides by the user and checks for various products matching. The system shows a list of items as per user needs. The system also suggests other matching items that the user can like. The system suggests these items which are likely to be bought by the user based on his old searches.

There is a so many of systems those are developed to help computer users and mainly Internet users to deal with there daily activities in a easy and more reliable manner. E-commerce is a new field where it is important to process commercial activities with good accuracy, security, functionality and facility. It is really a poor and time-consuming process that customer go via the shopping on the Internet. The process may start with a search for a particular product from which several links to returned. Multi-agent technology which involves intelligent agents will help simplify e-commerce processes. It can be expected to have an important economical impact, by bringing simplicity to businesses as well as benefiting end customer. Software agents are of good to use reduce work and extra information and provide high quality services to customers. With the help of AI, routine electronic transactions can be automated to a certain extent and therefore human involvement is reduced. However, we will also need to define our own dictionary and vocabulary for the content of the messages exchanged between the agents. After all needful information is collected, the buyer will then purchase the product using a any card as payment method. Multi-agent technology which involves intelligent agents must help to simplify e-commerce processes. The AI based Agents systems provide a platform for building such system where communication is not more the problem and communication is possible among components of the system independent of the platform, and can be distributed with huge success on the Internet. With the use of agent oriented middle ware, we can reach our main goal, which is making electronic commerce (E-commerce) so easier and more reliable. Software agents are useful to reduce work and information overload and provide high quality services to customers. With software agents, routine electronic transactions can be automated to a certain extent and hence human involvements reduced. To make

it possible for those agents to communicate with each other, it is needful for them to have a same communication language and to follow common rules.

## II. LITERATURE SURVEY

We have undergone a detailed study about AI Based Projects and implementation. As a part of our circular activity we are making the project “AI Based Multi-agent Online Shopping System”. There are many companies who have improved their business model, working hard in the logistics and overall functionality. The view of the customers has also changed, now customers don't like to visit the physical stores for buying rather they want to do the online shopping in their free time.[1] We introduce internet shopping mall stores and more specific search engine that is not depend on customer's separate ready- made response but analyzes the preference of customers after tracking and gathering enough purchasing pattern data. This allows the system to display product information of the users need. [2] There are many organization agents in our project: a user agent, An information management agent, And a store agent. The organization agent is responsible for organizing the primitive contents and coordinating message delivery. [3] In Software agent technologies provide an scenario that is used to develop the new-generation e-commerce system, in which the most time-consuming stages of the customer's shopping process will be automated. More over there are now many different shopping sites on the Internet; however, most of these site slack a user-friendly interface design, which is essential for the success of online software. The interface of e-shopping systems must be good to view, easy to learn and easy to use. Otherwise, people in general will be likely become less interested in e-shopping applications.

### System description

We studied traditional process of shopping generally done by people. This work basically focuses on developing a system capable of AI based automated and simplified shopping of different categories of products in order to be widely used in different areas. These e-commerce tasks will be handled by software agents on the rather than users.

### Modules Included

- **User Registration:** Use can do registration and get account details
- **User Login:** User can login and check the details of various products

- **AI Agent Support:** The AI based agent guides the user and supports user to do his entire shopping and sort out products as per user need.
- **View Product:** The various products are arranged and can be viewed in categories.
- **Cart:** Users can add products to cart.
- **Product Search Engine:** User can do a product search. Server takes user requirements and show products matching it.
- **Related products:** System shows related products which user can like to buy.
- **Finalizing Products:** The AI agent fetch products as per user needs but leaves the final decision at user end to select and payment process.
- **Buy without registration:** System may be tempted to gather customer data.. However, the registration process is so lengthy and time consuming. Thus allow customers to buy without registering or keep the registration in simplified manner. Only ask for information that is needful. Save the users time by ignoring not required data at that point of time.
- **Build Customer Confidence in the Purchase Process:** If you are an trusted brand such as flipcart.com, customers may not worry about paying on your site. For the others, it can be a challenge to build trust with customers to pay online. Here are three simple measures to boost customer confidence.
- **Recover the Incomplete Cart:** Despite your best attempts, some customers will abandon the shopping cart. Immediately upon cart adding the system can mail to customer to complete their incomplete procedure and complete the purchase. If the customer is not registered, system has to store the data of shopping cart products in cookies on the customer's browser. Next time when customer visit we can prompt to complete the process.
- **Up-Sell After the Sale:** The temptation to sell more to the customers is understandable. However, persistent up-selling heightens the risk of losing a customer.
- **Checkout Process:** When customer complete his buying process the system has to navigate to checkout process then the customer ends the shopping process by entering further details like delivery address, contact info etc.
- **Display a Summary of the Customer's Purchase:** Many customers will do so many

tasks at a time. They may forget what they purchase and added to their cart.

- **Show a Progress Bar:** A progress bar can make assurance to customers that each step in the purchase process is taking them close to ending of the process.
- **End Customer Process:** May be there are three simple things that can positively influence customers process.
- **Giving Checkout Button:** So many customers do the more stuffing and browsing, and some pay right away. If a customer is ready to pay, its our duty to provide them a facility and must ensure to do not delay the collection of that payment.
- **The Buy Now Button:** The most important button in the process is checkout button after checkout the button. Their should be a "buy now" button, if the customer has not added goods to the shopping cart. Make sure that the button is prominently visual to customer and must be at highlighted place.
- **Minimize the Number of Clicks:** Show the a single checkout form. If that is not possible, reduce the number of clicks required to check out. The more number of clicks you thrust upon a customer, the higher the likelihood of shopping cartin completion.

### Objectives

- **Automated Shopping:** We has to achieve automated shopping in the project which means robot should do shopping from the site behalf of customer in which all the parameter has to consider like price, color, quality etc.
- **Match Users Need:** The system has to match all the user need from the based on their previous shopping like what he likes what's his budget, which brand he likes, what is his favorite products etc.
- **Notify Customer About Shopping:** When system completes the shopping behalf of the user the system has to notify user that what it purchased so the user can maintain the track and change his decision if he wan.

### Technology

The system is completely developed as a web application so we used following technologies to develop the system.

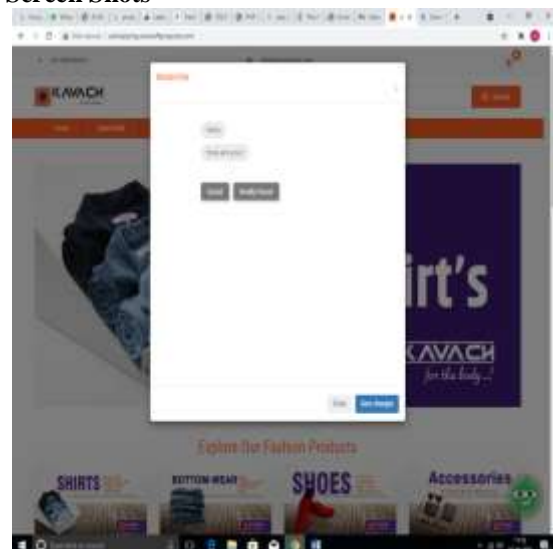
- **HTML:** HTML is the Hyper Text Markup Language which is designed to display the context on the web browser. It is also called as front end language.

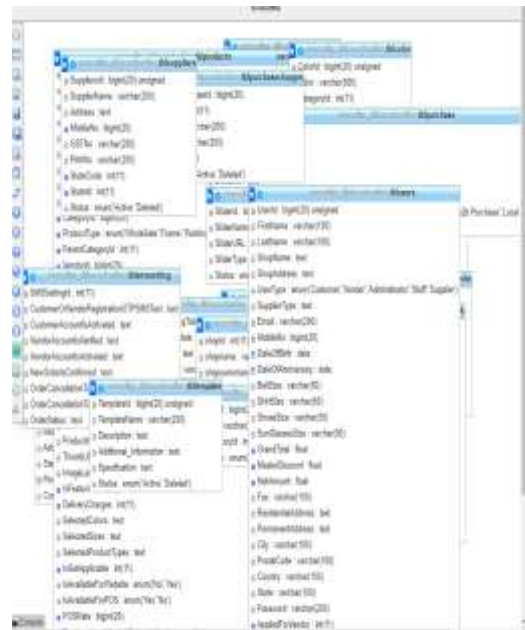
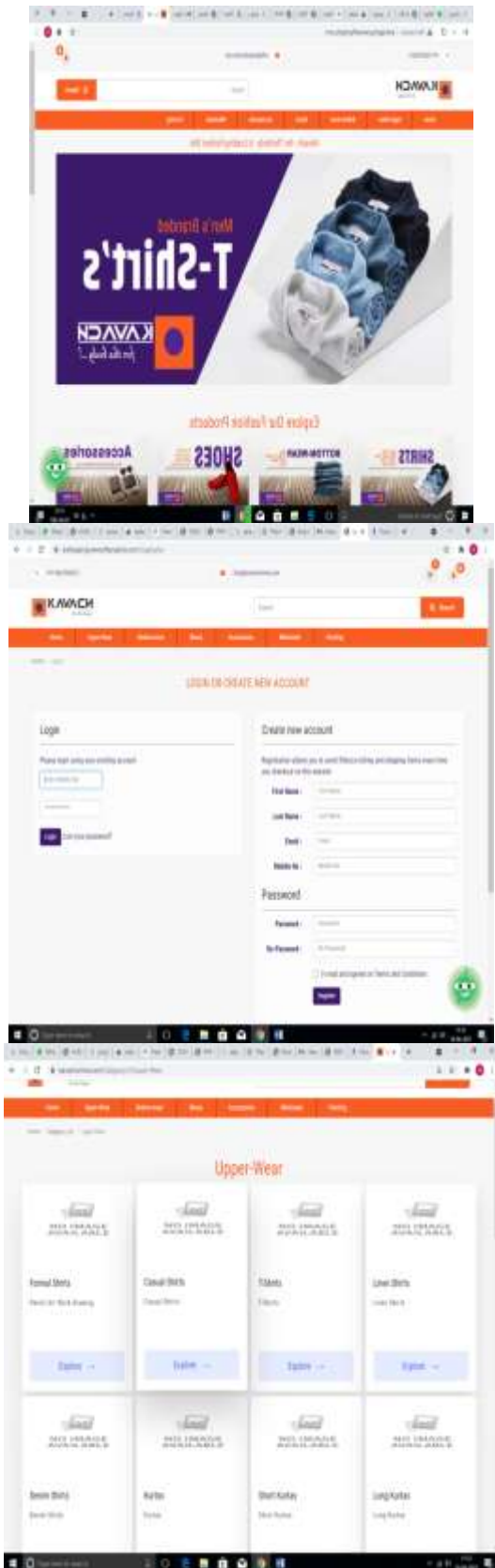
- **CSS:** CSS stands for Cascading Style Sheet. It is basically used for presenting the browser elements in a better manner. By using this we can make the style of the element as we want.
- **JavaScript:** JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.
- **PHP:** Php is a sever side general-purpose scripting language especially suited to web development. It is easy to use and Fast, flexible and pragmatic than other language. It is basically used to perform all the server side operations.
- **MySQL:** Show the single checkout form. If that is not possible, reduce the number of clicks required to check out. The more number of clicks you thrust upon a customer, the higher the likelihood of shopping cartin completion.

### Software Used To Run

- **XAMPP:** XAMPP is the most popular PHP development environment XAMPP is a completely free, easy to install Apache distribution containing MySQL, PHP, and Perl. The XAMPP open source package has been set up to be incredibly easy to install and to use. This simple and lightweight solution works on Windows, Linux, and Mac.

### Screen Shots





Coding

```
-title">Category Menu</span><i class="fa fa-bars"></i></div>
```

```
</button>
```

```
</div>
```

```
<!-- Nav Header Ends -->
```

```
<!-- Navbar Cat collapse Starts -->
```

>

```
<div class="collapse navbar-collapse navbar-cat-collapse">
```

```
<ul class="nav navbar-nav">
```

```
<?phpHeader.php
```

```
<!doctype html>
```

```
<script>*/window.location='404_errorpage.php'*/</script>
```

```
<?php
```

```
include_once("db.php");
```

```
include_once('ProductCard.php');
```

```
error_reporting(0);
```

```
session_start();
```

```
$SiteName="Kavach - For The Body";
```

```
$SiteURL="kavachonline.com";
```

```
$PageURL1=$PageURL=trim($_SERVER['REQUEST_URI']);
```

```
$baseURL = "https://".$_SERVER['HTTP_HOST'];
```

```
//if($baseURL=="https://www.kavachonline.com" or $baseURL=="https://www.kavachonline.com")
```

```
//{
```

```
// header('Location:
```

```
https://www.kavachonline.com/');
```



```
//      exit();
//}
//if      (empty($_SERVER['https'])      ||
$_SERVER['https'] != 'on') {
//      header('location:
https://qnqmarketresearchinsights.com/');
//      exit();
//}
session_start();
setcookie("baseurl", $baseURL, time() + 3600);
$_SESSION["baseurl"] = $baseURL;
include_once("CommonFunctions.php");
//echo "<script>alert('$PageURL');</script>";
$PageURLEncoded=urlencode($baseURL.$PageU
RL);
$PageURLDecoded=$baseURL.$PageURL;
$PageURL=explode("/", $PageURL);
//print_r($PageURL);
$PageName=$PageURL[1];
$PageURLLength=sizeof($PageURL);

$url=$baseURL.$PageURL1;
if($PageURLLength==3)
{
    $Category=explode("-", $PageURL[2]);
    $CategoryName=$Category[0];
    $CategoryId=$Category[1];
}
else if($PageURLLength==4)
{
}
else if($PageURLLength==2)
{
    //echo "Through ID";
    $PageURL=explode("?", $PageURL[1]);
    //print_r($PageURL);
    $PageName=$PageURL[0];
    if(isset($_GET["id"])) {
        $CategoryId=$_GET["id"];
    }
}
if($PageName=="index.php" or $PageName=="")
{
    $Title = "Look Bold, Be Impressive @
Kavach-India's Leading Fashion Site";
    $MetaTitle = "Look Bold, Be Impressive
@ Kavach-India's Leading Fashion Site";
    $MetaKeywords = "Kavach For The
Body, Kavach, E-Commerce Site In Solapur,
Branded Shirts, Branded Shoes, Branded Denim,
Branded Sunglasses, Wallets, Sunglasses,
Belts,shopping, online shopping, eshop, clothing
stores, online shop, shopping online, online
shopping sites, shop online, ecommerce website,
clothes shops, clothes online, shopping sites, online
shopping websites, online clothing stores, clothing
```

```
websites, online sale, online clothes shopping,
cheap online shopping, online clothing, shopping
websites, buy online";
    $your_string_without_tags      =
strip_tags("Our purpose at Kavach is to empower
men to lead bold and full lives. We believe that if
you look and feel good. and you feel good you can
do good.");
    $your_200_char_string      =
substr($your_string_without_tags, 0, 160);
    $MetaDescription      =
"$your_200_char_string";
}
else if($PageName=="ProductList.php" or
$PageName=="Category" or
$PageName=="Vendor")
{
    if($PageName=="Vendor")
    {
        $VendorId=$PageURL[2];
        $ShopName=str_replace("-", "
", $PageURL[3]);

        $MetaTitle = $ShopName;
        $Title = "$ShopName -
$SiteName";
        $MetaDescription = $Title;
    }
    else if($PageName=="Category")
    {
        $CategoryId=$PageURL[2];

        $CategoryName=$_GET["CategoryName
"];
        $CategoryName=$PageURL[3];

        $rstCategoryKeyword=mysqli_query($co
nn,"select Category,Keywords,Description from
tblcategory where CategoryId='$CategoryId'");

        $rwcCategoryKeyword=mysqli_fetch_arr
a
y($rstCategoryKeyword,MYSQLI_ASSOC);

        $CategoryName=trim($rwcCategoryKeyw
ord["Category"]);
        $MetaTitle      =
$rwcCategoryKeyword["Category"];
        $Title = "$CategoryName -
$SiteName";
        $MetaDescription      =
trim($rwcCategoryKeyword["Description"]);
    }
    else if($PageName=="ProductList.php")
    {
        $CategoryId=$_GET["CategoryId"];

```

```

];
    $CategoryName=$_GET["CategoryName"];
    $CategoryName=$PageURL[3];

    $rstCategoryKeyword=mysqli_query($conn,"select Category,Keywords,Description from tblcategory where CategoryId='$CategoryId'");

    $rwCategoryKeyword=mysqli_fetch_array($rstCategoryKeyword,MYSQLI_ASSOC);

    $CategoryName=trim($rwCategoryKeyword["Category"]);
    $MetaTitle = $rwCategoryKeyword["Category"];
    $Title = "$CategoryName - $SiteName";
    $MetaDescription = trim($rwCategoryKeyword["Description"]);
}

if($MetaDescription=="")
{
    $MetaDescription="$Title";
}
$MetaKeywords = $rwCategoryKeyword["keywords"];
$your_string_without_tags = strip_tags($MetaDescription);
$your_200_char_string = substr($your_string_without_tags, 0, 160);
$MetaDescription = "$your_200_char_string";
}
else if($PageName=="Product.php" or $PageName=="Product"){
    $ProductId=$PageURL[2];
    $rstProductKeyword=mysqli_query($conn,"select ProductName,Tags,ProductDesc from tblproducts where ProductId='$ProductId'");
    $rwProductKeyword=mysqli_fetch_array($rstProductKeyword,MYSQLI_ASSOC);
    $ProductName=$rwProductKeyword["ProductName"];
    $MetaTitle = $rwProductKeyword["ProductName"];
    $Title = "$ProductName - $SiteName";
    $MetaDescription = $rwProductKeyword["ProductDesc"];
    if($MetaDescription=="")
        $MetaDescription="$MetaTitle - $SiteName";
    $MetaKeywords = $rwProductKeyword["Tags"];
    $your_string_without_tags = strip_tags($MetaDescription);
    $your_200_char_string = substr($your_string_without_tags, 0, 160);
    $MetaDescription = "$your_200_char_string";
}
else if($PageName=="Shop.php" or $PageName=="Shop"){
    $MetaTitle = "Explore Our Fashion Products";
    $Title = "Explore Our Fashion Products - $SiteName";
    $MetaDescription = "Kavach Online has the variety of fashion products to help you to look bold and impress the world";
    $MetaKeywords = "shopping, online shopping, eshop, clothing stores, online shop, shopping online, online shopping sites, shop online, ecommerce website, clothes shops, clothes online, shopping sites, online shopping websites, online clothing stores, clothing websites, online sale, online clothes shopping, cheap online shopping, online clothing, shopping websites, buy online";
    $your_string_without_tags = strip_tags($MetaDescription);
    $your_200_char_string = substr($your_string_without_tags, 0, 160);
    $MetaDescription = "$your_200_char_string";
}
else if($PageName=="AboutUs.php" or $PageName=="AboutUs"){
    $Title = "About - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
    $MetaTitle = "Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
    $MetaKeywords = "Kavach For The Body, Kavach, E-Commerce Site In Solapur, Branded Shirts, Branded Shoes, Branded Denim, Branded Sunglasses, Wallets, Sunglasses, Belts,shopping, online shopping, eshop, clothing stores, online shop, shopping online, online shopping sites, shop online, ecommerce website, clothes shops, clothes online, shopping sites, online shopping websites, online clothing stores, clothing websites, online sale, online clothes shopping, cheap online shopping, online clothing, shopping websites, buy online";
    $your_string_without_tags = strip_tags("About - Our purpose at Kavach is to empower men to lead bold and full lives. We believe that if you look and feel good. and you feel

```

```
good you can do good.");
    $your_200_char_string =
substr($your_string_without_tags, 0, 160);
    $MetaDescription =
"$your_200_char_string";
}
else if($PageName=="ContactUs.php" or
$PageName=="ContactUs"){
    $Title = "Contact - Look Bold, Be
Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaTitle = "Contact - Look Bold, Be
Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaKeywords = "Contact - Kavach For
The Body, Kavach, Kavach Contact Details,
Kavach Enquiry Details, E-Commerce Site In
Solapur, Branded Shirts, Branded Shoes, Branded
Denim, Branded Sunglasses, Wallets, Sunglasses,
Belts,shopping, online shopping, eshop, clothing
stores, online shop, shopping online, online
shopping sites, shop online, ecommerce website,
clothes shops, clothes online, shopping sites, online
shopping websites, online clothing stores, clothing
websites, online sale, online clothes shopping,
cheap online shopping, online clothing, shopping
websites, buy online";
    $your_string_without_tags =
strip_tags("Contact - Our purpose at Kavach is to
empower men to lead bold and full lives. We
believe that if you look and feel good. and you feel
good you can do good.");
    $your_200_char_string =
substr($your_string_without_tags, 0, 160);
    $MetaDescription =
"$your_200_char_string";
}
else if($PageName=="Login.php" or
$PageName=="Login"
or
$PageName=="Register.php"
or
$PageName=="Register"){
    $Title = "Login / Register - Look Bold, Be
Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaTitle = "Login / Register - Look
Bold, Be Impressive @ Kavach-India's Leading
Fashion Site";
    $MetaKeywords = "Login / Register -
Kavach For The Body, Kavach, Kavach Login,
Kavach Registration, E-Commerce Site In Solapur,
Branded Shirts, Branded Shoes, Branded Denim,
Branded Sunglasses, Wallets, Sunglasses,
Belts,shopping, online shopping, eshop, clothing
stores, online shop, shopping online, online
shopping sites, shop online, ecommerce website,
clothes shops, clothes online, shopping sites, online
shopping websites, online clothing stores, clothing
websites, online sale, online clothes shopping,
cheap online shopping, online clothing, shopping
websites, buy online";
    $your_string_without_tags =
strip_tags("Login / Register - Our purpose at
Kavach is to empower men to lead bold and full
lives. We believe that if you look and feel good.
and you feel good you can do good.");
    $your_200_char_string =
substr($your_string_without_tags, 0, 160);
    $MetaDescription =
"$your_200_char_string";
}
else if($PageName=="PrivacyPolicy.php" or
$PageName=="PrivacyPolicy"){
    $Title = "Privacy Policy - Look Bold, Be
Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaTitle = "Privacy Policy - Look Bold,
Be Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaKeywords = "Privacy Policy -
Kavach For The Body, Kavach, Kavach Privacy
shopping websites, online clothing stores, clothing
websites, online sale, online clothes shopping,
cheap online shopping, online clothing, shopping
websites, buy online";
    $your_string_without_tags =
strip_tags("Login / Register - Our purpose at
Kavach is to empower men to lead bold and full
lives. We believe that if you look and feel good.
and you feel good you can do good.");
    $your_200_char_string =
substr($your_string_without_tags, 0, 160);
    $MetaDescription =
"$your_200_char_string";
}
}
else if($PageName=="LostPassword.php" or
$PageName=="LostPassword"){
    $Title = "Lost Password - Look Bold, Be
Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaTitle = "Lost Password - Look Bold,
Be Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaKeywords = "Lost Password -
Kavach For The Body, Kavach, Kavach Login,
Kavach Registration, E-Commerce Site In Solapur,
Branded Shirts, Branded Shoes, Branded Denim,
Branded Sunglasses, Wallets, Sunglasses,
Belts,shopping, online shopping, eshop, clothing
stores, online shop, shopping online, online
shopping sites, shop online, ecommerce website,
clothes shops, clothes online, shopping sites, online
shopping websites, online clothing stores, clothing
websites, online sale, online clothes shopping,
cheap online shopping, online clothing, shopping
websites, buy online";
    $your_string_without_tags =
strip_tags("Login / Register - Our purpose at
Kavach is to empower men to lead bold and full
lives. We believe that if you look and feel good.
and you feel good you can do good.");
    $your_200_char_string =
substr($your_string_without_tags, 0, 160);
    $MetaDescription =
"$your_200_char_string";
}
}
else if($PageName=="PrivacyPolicy.php" or
$PageName=="PrivacyPolicy"){
    $Title = "Privacy Policy - Look Bold, Be
Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaTitle = "Privacy Policy - Look Bold,
Be Impressive @ Kavach-India's Leading Fashion
Site";
    $MetaKeywords = "Privacy Policy -
Kavach For The Body, Kavach, Kavach Privacy
```

Policy, Kavach Policy, Kavach Policies, E-Commerce Site In Solapur, Branded Shirts, Branded Shoes, Branded Denim, Branded Sunglasses, Wallets, Sunglasses, Belts, shopping, online shopping, eshop, clothing stores, online shop, shopping online, online shopping sites, shop online, ecommerce website, clothes shops, clothes online, shopping sites, online shopping websites, online clothing stores, clothing websites, online sale, online clothes shopping, cheap online shopping, online clothing, shopping websites, buy online";

```
$your_string_without_tags = strip_tags("Privacy Policy - Our purpose at Kavach is to empower men to lead bold and full lives. We believe that if you look and feel good. and you feel good you can do good.");
```

```
$your_200_char_string = substr($your_string_without_tags, 0, 160);
```

```
$MetaDescription = "$your_200_char_string";
```

```
} else if($PageName=="Cart.php" or $PageName=="Cart"){
```

```
$Title = "My Basket - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
```

```
$MetaTitle = "My Basket - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
```

```
$MetaKeywords = "My Basket - Kavach For The Body, Kavach, E-Commerce Site In Solapur, Branded Shirts, Branded Shoes, Branded Denim, Branded Sunglasses, Wallets, Sunglasses, Belts, shopping, online shopping, eshop, clothing stores, online shop, shopping online, online shopping sites, shop online, ecommerce website, clothes shops, clothes online, shopping sites, online shopping websites, online clothing stores, clothing websites, online sale, online clothes shopping, cheap online shopping, online clothing, shopping websites, buy online";
```

```
$your_string_without_tags = strip_tags("Privacy Policy - QnQ Market Research Insights is a one-stop solution for all Market Research and Consulting needs. We at QnQ MRI offer the most detailed market segmentation in the industry. We perform a high-level analysis of major market segments and the identification of opportunities. QnQ MRI research coverage can be a wide range in varied or niche categories in the published data or custom-made as per client's projects.");
```

```
$your_200_char_string = substr($your_string_without_tags, 0, 160);
```

```
$MetaDescription =
```

```
"$your_200_char_string";
```

```
}
```

```
else if($PageName=="ordersummery.php"){
```

```
$Title = "Order Summary - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
```

```
$MetaTitle = "Order Summary - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
```

```
$MetaKeywords = "Order Summary - Kavach For The Body, Kavach, E-Commerce Site In Solapur, Branded Shirts, Branded Shoes, Branded Denim, Branded Sunglasses, Wallets, Sunglasses, Belts, shopping, online shopping, eshop, clothing stores, online shop, shopping online, online shopping sites, shop online, ecommerce website, clothes shops, clothes online, shopping sites, online shopping websites, online clothing stores, clothing websites, online sale, online clothes shopping, cheap online shopping, online clothing, shopping websites, buy online";
```

```
$your_string_without_tags = strip_tags("Privacy Policy - QnQ Market Research Insights is a one-stop solution for all Market Research and Consulting needs. We at QnQ MRI offer the most detailed market segmentation in the industry. We perform a high-level analysis of major market segments and the identification of opportunities. QnQ MRI research coverage can be a wide range in varied or niche categories in the published data or custom-made as per client's projects.");
```

```
$your_200_char_string = substr($your_string_without_tags, 0, 160);
```

```
$MetaDescription = "$your_200_char_string";
```

```
}
```

```
else if($PageName=="TermsAndConditions.php" or $PageName=="TermsAndConditions"){
```

```
$Title = "Terms And Conditions - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
```

```
$MetaTitle = "Terms And Conditions - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
```

```
$MetaKeywords = "Terms And Conditions - Kavach For The Body, Kavach, E-Commerce Site In Solapur, Branded Shirts, Branded Shoes, Branded Denim, Branded Sunglasses, Wallets, Sunglasses, Belts, shopping, online shopping, eshop, clothing stores, online shop, shopping online, online shopping sites, shop online, ecommerce website, clothes shops, clothes online, shopping sites, online shopping websites, online clothing stores, clothing websites, online
```



sale, online clothes shopping, cheap online shopping, online clothing, shopping websites, buy online";

```
$your_string_without_tags = strip_tags("Terms And Conditions - Our purpose at Kavach is to empower men to lead bold and full lives. We believe that if you look and feel good. and you feel good you can do good.");
$your_200_char_string = substr($your_string_without_tags, 0, 160);
$MetaDescription = "$your_200_char_string";
}
```

```
else if($PageName=="Search.php" or $PageName=="Search"){
    $Title = "Search - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
```

```
$MetaTitle = "Search - Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site";
```

```
$MetaKeywords = "Search - Kavach For The Body, Kavach, E-Commerce Site In Solapur, Branded Shirts, Branded Shoes, Branded Denim, Branded Sunglasses, Wallets, Sunglasses, Belts,shopping, online shopping, eshop, clothing stores, online shop, shopping online, online shopping sites, shop online, ecommerce website, clothes shops, clothes online, shopping sites, online shopping websites, online clothing stores, clothing websites, online sale, online clothes shopping, cheap online shopping, online clothing, shopping websites, buy online";
```

```
$your_string_without_tags = strip_tags("Search - QnQ Market Research Insights is a one-stop solution for all Market Research and Consulting needs. We at QnQ MRI offer the most detailed market segmentation in the industry. We perform a high-level analysis of major market segments and the identification of opportunities. QnQ MRI research coverage can be a wide range in varied or niche categories in the published data or custom-made as per client's projects.");
```

```
$your_200_char_string = substr($your_string_without_tags, 0, 160);
$MetaDescription = "$your_200_char_string";
}
?>
```

```
<script type="application/ld+json">
```

```
{
"@context": "http://schema.org"
,"@type": "E-commerce"
,"name": "Kavach - For The Body"
,"description": "Look Bold, Be Impressive @
```

Kavach-India's Leading Fashion Site"

```
,"image": "<?php echo $baseURL; ?>/images/Twitter-Card.png"
```

```
,"address": {
"@type": "PostalAddress"
,"streetAddress": "Badravati Peth, in front of Umasa Chavhan Nagari Pathsanstha, Solapur, Maharashtra 413005"
```

```
}
,"geo": {
"@type": "GeoCoordinates"
,"latitude": "17.674261"
,"longitude": "75.919484"
```

```
}
,"founder": {
"@type": "Person",
"name": "Mahesh Jindam",
"sanmeas": [
{
"@type": "Person",
"name": "Guru Palmur"
},
{
"@type": "Person",
"name": "Nitesh Pogul"
```

```
}
]
,"foundingDate": "2020"
,"telephone": "9623768213"
,"email": "info@kavachonline.com"
,"url": "https://www.kavachonline.com/"
}
</script>
```

```
<html lang="en">
```

```
<head>
```

```
<!-- Primary Meta Tags -->
```

```
<title><?php echo $Title; ?></title>
```

```
<meta name="title" content="Look Bold, Be Impressive @ Kavach-India's Leading Fashion Site">
```

```
<meta name="description" content="<?php echo $MetaDescription; ?>">
```

```
<meta name="keywords" content="<?php echo $MetaKeywords; ?>">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1, user-scalable=no, shrink-to-fit=no, viewport-fit=cover">
```

```
<link rel="apple-touch-icon" sizes="57x57" href="<?php echo $baseURL; ?>/images/icons/apple-icon-57x57.png">
```

```
<link rel="apple-touch-icon" sizes="60x60"
```

```

href="<?php echo $baseURL;
?>/images/icons/apple-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72"
href="<?php echo $baseURL;
?>/images/icons/apple-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76"
href="<?php echo $baseURL;
?>/images/icons/apple-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114"
href="<?php echo $baseURL;
?>/images/icons/apple-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120"
href="<?php echo $baseURL;
?>/images/icons/apple-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144"
href="<?php echo $baseURL;
?>/images/icons/apple-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152"
href="<?php echo $baseURL;
?>/images/icons/apple-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180"
href="<?php echo $baseURL;
?>/images/icons/apple-icon-180x180.png">
<link rel="icon" type="image/png"
sizes="192x192" href="<?php echo $baseURL;
?>/images/icons/android-icon-192x192.png">
<link rel="icon" type="image/png" sizes="32x32"
href="<?php echo $baseURL;
?>/images/icons/favicon-32x32.png">
<link rel="icon" type="image/png" sizes="96x96"
href="<?php echo $baseURL;
?>/images/icons/favicon-96x96.png">
<link rel="icon" type="image/png" sizes="16x16"
href="<?php echo $baseURL;
?>/images/icons/favicon-16x16.png">
<link rel="manifest" href="<?php echo $baseURL;
?>/manifest.json">

```

```

<!--<link rel="stylesheet" href="<?php echo
$baseURL; ?>/css/jquery.dataTables.min.css">-->

```

```

<link rel="stylesheet"
href="https://cdn.datatables.net/1.10.22/css/jquery.
dataTables.min.css">

```

```

<link rel="stylesheet"
href="https://cdn.datatables.net/buttons/1.6.4/css/b
uttons.dataTables.min.css">

```

```

<meta name="msapplication-TileColor"
content="#f95d22">

```

```

<meta name="msapplication-TileImage"
content="<?php echo $baseURL;
?>/images/icons/ms-icon-144x144.png">

```

```

<meta name="theme-color" content="#f95d22">

```

```

<link rel="shortcut icon" type="image/png"

```

```

href="<?php echo $baseURL;
?>/images/icons/favicon.ico"/>
<link rel="icon" href="<?php echo $baseURL;
?>/images/icons/favicon.ico" type="image/x-
icon">

```

```

<meta name="apple-mobile-web-app-
status-bar" content="#f95d22">

```

```

<meta name="apple-mobile-web-app-
capable" content="yes">

```

```

<meta name="apple-mobile-web-app-
title" content="Kavach">

```

```

<!-- Open Graph / Facebook -->

```

```

<meta property="og:type"
content="website">

```

```

<meta property="og:url"
content="https://www.kavachonline.com/">

```

```

<meta property="og:title" content="Look
Bold, Be Impressive @ Kavach-India's Leading
Fashion Site">

```

```

<meta property="og:description"
content="Our purpose at "Kavach" is to empower
men to lead bold and full lives. We believe that if
you look and feel good. and you feel good you can
do good.">

```

```

<meta property="og:image"
content="<?php echo $baseURL;
?>/images/Twitter-Card.png">

```

```

<!-- Twitter -->

```

```

<!--<meta property="twitter:card"
content="summary_large_image">

```

```

<meta name="twitter:site"
content="https://www.kavachonline.com/">

```

```

<meta property="twitter:url"
content="https://www.kavachonline.com/">

```

```

<meta property="twitter:title"
content="Look Bold, Be Impressive @ Kavach-
India's Leading Fashion Site">

```

```

<meta property="twitter:description"
content="Our purpose at Kavach" is to empower
men to lead bold and full lives. We believe that if
you look and feel good. and you feel good you can
do good.">

```

```

<meta property="twitter:image"
content="<?php echo $baseURL;
?>/images/twittercard.png">-->

```

```

<meta name="twitter:card"
content="summary_large_image">

```

```

<meta name="twitter:site"
content="https://www.kavachonline.com/">

```

```

<meta name="twitter:creator"
content="@NewSoftSolutions">

```

```

<meta name="twitter:url"
content="https://www.kavachonline.com/">

```

```

<meta name="twitter:title" content="Look Bold,
Be Impressive @ Kavach-India's Leading Fashion
Site">
<meta name="twitter:description" content="Our
purpose at Kavach' is to empower men to lead bold
and full lives. We believe that if you look and feel
good. and you feel good you can do good.">
<meta name="twitter:image" content="<?php echo
$baseUrl; ?>/images/Twitter-Card.png"/>

<!-- Bootstrap Core CSS -->
<link href="<?php echo $baseUrl;
?>/css/bootstrap.min.css" rel="stylesheet">
<link href="<?php echo $baseUrl;
?>/css/bootstrap-dropdownhover.min.css"
rel="stylesheet">
<link href="https://www.kavachonline.com/"
rel="canonical">

<!-- Google Web Fonts -->

<link
href="https://fonts.googleapis.com/css2?family=Ro
boto+Condensed:ital,wght@0,300;0,400;0,700;1,3
00;1,400;1,700&display=swap" rel="stylesheet">
<link rel="stylesheet" href="<?php echo
$baseUrl; ?>/css/style.css">
<link rel="stylesheet" href="<?php echo
$baseUrl; ?>/css/mystyle.css">
<link href="<?php echo $baseUrl;
?>/css/responsive.css">
<link href="<?php echo $baseUrl;
?>/font-awesome/css/font-awesome.min.css"
rel="stylesheet">

<!-- JavaScript Files -->
<script src="<?php echo $baseUrl;
?>/js/jquery-1.11.1.min.js"></script>
<script src="<?php echo $baseUrl;
?>/js/bootstrap-dropdownhover.js"></script>
<script src="<?php echo $baseUrl;
?>/js/jquery-migrate-1.2.1.min.js"></script>
<link href="<?php echo $baseUrl;
?>/css/productcard.css" rel="stylesheet">
<script src="<?php echo $baseUrl;
?>/js/productcard.js"></script>

<!-- Global site tag (gtag.js) - Google Analytics -->
<script async
src="https://www.googletagmanager.com/gtag/js?i
d=G-BFNEK9L5Q2"></script>
<script>
window.dataLayer = window.dataLayer || [];
function gtag(){dataLayer.push(arguments);}

```

```

gtag('js', new Date());

gtag('config', 'G-BFNEK9L5Q2');
</script>
<!-- Global site tag (gtag.js) - Google Analytics -->
<script async
src="https://www.googletagmanager.com/gtag/js?i
d=UA-168781063-1"></script>
<script>
window.dataLayer = window.dataLayer || [];
function gtag(){dataLayer.push(arguments);}
gtag('js', new Date());

gtag('config', 'UA-168781063-1');
</script>

<script>
/* Service worker for Firebase Cloud Messaging
*/
if ('serviceWorker' in navigator) {
navigator.serviceWorker.register('<?php echo
$baseUrl; ?>/sw.js')
.then(service => console.log('service worker
installed.', service))
.catch(err => console.error('Error', err));
}
</script>

</head>
<body>
<style>
/**.dropdown-submenu {
position: relative;
}

.dropdown-submenu .dropdown-menu {
top: 0;
left: 100%;
margin-top: -1px;
}*/
</style>
<script type="text/javascript">
function isNumberKey(evt)
{
var charCode =
(evt.which) ? evt.which : event.keyCode
if (charCode > 31 &&
(charCode < 48 || charCode > 57))
return false;
return true;
}
$(document).ready(function()
{
$("#lstSearchProducts").keyup(function(e

```

```

vent){
    $.post("CommonOperations.php",
        {
            Flag:"Search",
            Keyword1:$("#lstSearchProducts").val()
        },function(data,success){
            $("#lstProducts").html(data);
            $("#btnSearch").click(function(){
                window.location='ProductList.php?Search
                ='+"#lstSearchProducts").val();
            });
            $('#lstSearchProducts').keyup(function(e){
                if($('#lstSearchProducts').val()!="")
                {
                    if(e.keyCode == 13)
                    {
                        window.location='ProductList.php?Search='+$("#lst
                        tSearchProducts").val();
                    }
                }
            });
            show_cart();
        });
        function
        cart(ProductId,ProductName,NewPrice,ProductIma
        geUrl)
        {
            var ProductId=ProductId;
            var SizeCount=$(".btn-size").length;
            if(SizeCount>0)
            {
                var SizeSelectedCount=$(".btn-
                size.btn-success").length;
                if(SizeSelectedCount>0)
                {
                    //alertify.success("size
                    ok");
                    var
                    SizeSelectedId=$(".btn-size.btn-
                    success").attr("data-size-id");
                    var
                    SizeSelected=$(".btn-size.btn-success").text();
                }
                else
                {
                    alertify.success("Please
                    Select size");
                    return;
                }
            }
            else
            {
                var SizeSelected="";
                var SizeSelectedId=0;
                //continue;
            }
            var ColorCount=$(".btn-pcolor").length;
            if(ColorCount>0)
            {
                var
                ColourSelectedCount=$(".btn-pcolor.btn-
                success").length;
                if(ColourSelectedCount>0)
                {
                    //alertify.success("colour ok");
                    var
                    ColorSelectedId=$(".btn-pcolor.btn-
                    success").attr("data-color-id");
                    var
                    ColorSelected=$(".btn-pcolor.btn-success").text();
                }
                else
                {
                    alertify.success("Please
                    Select colour");
                    return;
                }
            }
            else
            {
                var ColorSelected="";
                var ColorSelectedId=0;
                //continue;
            }
            var ProductTypeCount=$(".btn-product-
            type").length;
            if(ProductTypeCount>0)
            {
                var TypeSelectedCount=$(".btn-
                product-type.btn-success").length;
                if(TypeSelectedCount>0)
                {
                    //alertify.success("type
                    ok");
                    var
                }
            }
        }
    }
}

```



```

ProductTypeSelectedId=$( ".btn-product-type.btn-
success").attr("data-product-type-id");
var
ProductTypeSelected=$( ".btn-product-type.btn-
success").text();
}
else
{
    alertify.success("Please
Select type");
    return;
}
}
else
{
    var ProductTypeSelected="";
    var ProductTypeSelectedId=0;
    //continue;
}
//alertify.success("variations ok");

$.ajax({
    type:'post',
    url:'<?php echo
$baseUrl; ?>/Cart_Store.php',
    data:{
        Flag:"AddToCart",
        ProductId:ProductId,
        SizeSelectedId:SizeSelectedId,
        SizeSelected:SizeSelected,
        ColorSelectedId:ColorSelectedId,
        ColorSelected:ColorSelected,
        ProductTypeSelectedId:ProductTypeSelectedId,
        ProductTypeSelected:ProductTypeSelected
    },
    success:function(response) {
        console.log(response);
        alertify.success(name + " is added to
        cart");
        //alert(response);
    }
});

show_cart();
}
});

//
console.log("count:"+SizeCount+""+ColorCount+
"+ProductTypeCount);
// console.log("selected
ids:"+SizeSelected+""+ColorSelected+""+Product
TypeSelectedId);
// console.log("selected
:"+SizeSelected+""+ColorSelected+""+ProductTyp
eSelected);
//
alert(SizeCount+""+ColorCount+""+ProductTypeC
ount);
//alert(SizeSelectedId+""+ColorSelectedId+""+Pro
ductTypeSelectedId);

/*if(SizeSelected=="
SizeSelectedId=="undefined"
SizeSelectedId=="0")
{
    alertify.success("Please select
Size");
}
else
{
    if(ColorSelected=="
ColorSelectedId=="undefined"
ColorSelectedId=="0")
{
        alertify.success("Please
select Colout");
    }
    else
    {
        if(ProductTypeSelected=="
ProductTypeSelectedId=="undefined"
ProductTypeSelectedId=="0")
{
            alertify.success("Please select Type");
        }
        else
        {
            alertify.success("Added to Cart");
        }
    }
}
}*/

```

```

    /* $.ajax({
      type:'post',
      url:'<?php echo $baseURL; ?>/Cart_Store.php',
      data:{
        Flag:"AddToCart",
        ProductId:ProductId,
        SizeSelectedId:SizeSelectedId,
        SizeSelected:SizeSelected,
        ColorSelectedId:ColorSelectedId,
        ColorSelected:ColorSelected,
        ProductTypeSelectedId:ProductTypeSelectedId,
        ProductTypeSelected:ProductTypeSelected
      },
      success:function(response) {
        console.log(response);
        alertify.success(name + " is added to
        cart");
        //alert(response);
        show_cart();
      }
    });*/

    function show_cart()
    {
      $.ajax({
        type:'post',
        url:'<?php echo $baseURL; ?>/Cart_Store.php',
        data:{
          Flag:"ShowCart",
          BaseURL:'<?php echo $baseURL; ?>'
        },
        success:function(response) {
          document.getElementById("mycart").innerHTML=
          response;
        }
      });
    }

    function delete_cart_item(Key)
    {
      $.ajax({
        type:'post',
        url:'<?php echo $baseURL; ?>/Cart_Store.php',
        data:{
          Flag:"RemoveFromCart",
          Key:Key
        },
        success:function(response) {
          // alert(response);
          show_cart();
          var filename =
          location.pathname.substr(location.pathname.lastInd
          exOf("/")+1);
          if(filename=="cart.php")
          {
            location.reload();
          }
        }
      });
    }

    function update_cart_item(key)
    {
      $.ajax({
        type:'post',
        url:'<?php echo $baseURL; ?>/Cart_Store.php',
        data:{
          Flag:"UpdateCartQuantity",
          key:key,
          Quantity:$("#txtQuantity"+key).val()
        },
        success:function(response) {
          alertify.success("Updated Successfully");
          show_cart();
          location.reload();
        }
      });
    }
  </script>
  <style>
  .divTopIcons
  {
    line-height:42px;
    font-size:13px;
  }
  </style>
  <!-- Header Section Starts -->
  <header id="header-area">
    <div class="head-top">
      <div class="container">
        <div

```

```

class="row" style="">
    <div
class="col-xs-4 col-md-4 col-lg-4 hidden-sm
hidden-md hidden-lg">
        <div id="logo">
            <a href="<?php echo $baseURL;
?>/index.php"></a>
        </div>
    </div>
    <div
class="col-xs-2 col-sm-4 col-md-4 col-lg-4
infocontact">
        <div class="help-desk divTopIcons">
            <p><a
href='tel:+919623768213'><i class="fa fa-phone
orange"></i><span class='hidden-xs'>+91
9623768213</span></a></p>
        </div>
    </div>
    <div
class="col-xs-2 col-sm-4 col-md-4 col-lg-4 text-
center infocontact divTopIcons">
        <div class="login-head">
            <a
href="mailto:info@kavachonline.com"
class="sign-in"><i class="fa fa-envelope
orange"></i><span class='hidden-
xs'>info@kavachonline.com</span></a>
        </div>
    </div>
    <div
class="col-xs-8 col-sm-4 col-md-4 pull-right text-
right cartdiv">
        <div
class="phone-no">
        <div
class="help-desk divTopIcons">
            <p><a
href="mailto:info@kavachonline.com"
class="sign-in"><i class="fa fa-envelope
orange"></i><span class='hidden-
xs'>info@kavachonline.com</span></a></p>
        </div>
    </div>
    <div
class="phone-no">
    <div
class="help-desk divTopIcons">
        <p><a
href="mailto:info@kavachonline.com"
class="sign-in"><i class="fa fa-envelope
orange"></i><span class='hidden-
xs'>info@kavachonline.com</span></a></p>
    </div>
    <div
class="phone-no">
    <div
class="help-desk divTopIcons">
        <p><a
href="mailto:info@kavachonline.com"
class="sign-in"><i class="fa fa-envelope
orange"></i><span class='hidden-
xs'>info@kavachonline.com</span></a></p>
    </div>
    <div id="mycart" ></div><!-- Shopping
Cart Ends -->
    <div class="login-head-mid">
        <div class="login-div">
            <i class="fa fa-user
orange"></i>
            <span class="fa fa-
lock"></span>
        </div>
    </div>
    <?php
if(isset($_SESSION["UserId"]))
{
    $FirstName=$_SESSION["FirstName"];
    echo "
    <div class='login-inner'>
        <label
id='WelcomeLabel'>Hello, $FirstName</label><a
href='$baseURL/Logout.php' class='btn btn-
block'>Log Out</a>
    </div>";
}
else
{
    echo "<div class='login-inner'>
    <!--
    <a

```

```

href='$baseURL/Register.php'
class='register'>Registration</a-->
    <a
href='$baseURL/Login.php' class='btn btn-
block'>Login / Registration</a>
    </div> ";
}
?>
</div>
</div>
</div>
</div>
<!-- Nested Container Starts -->
<div class="container">
<!-- Header Top Starts -->
<div class="header-top
text-uppercase">
<div
class="row">
<div
class="col-md-6 col-xs-6 hidden-xs">
<div id="logo">
<a href="<?php echo $baseURL;
?>/index.php"></a>
</div>
</div><!-- Logo Starts -->
<!-- Search
Starts -->
<div
class="col-md-6 col-xs-12 col-sm-6 search-wrap">
<!--
<?php
//if(isset($_SESSION["UserName"]))
{
//$FirstName=$_SESSION["FirstName"];
    //echo
    " <label
id='WelcomeLabel'>Hello, $FirstName</label>";
}
//else
{
    //echo
    " <label
id='WelcomeLabel'>Hello, Guest</label>";
}
?> -->
<div id="search">
<!-- <div class="form-group">
<div class="input-group">
<input type="text" class="form-
control" aria-describedby="start-date">
<span class="input-group-addon"
id="start-date"><span class="fa fa-
search"></span> Search</span>
</div>
</div> -->
<div class="input-group">
<input type="text"
id='lstSearchProducts' class="form-control input-
xs" placeholder="Search" list="lstProducts">
<datalist id="lstProducts">
</datalist>
<span class="input-group-btn">
<button class="btn btn-
lg" type="button" id="btnSearch">
<i class="fa fa-
search"></i> Search
</button>
</span>

```



```

    </div>
    </div>
    </div><!-- Search Ends -->
    </div>
    </div>
    <!-- Header Top Ends -->
    </div>
    <!-- Nested Container Ends -->
    </header>
    <!-- Header Section Ends -->
    <!-- Main Menu Starts -->
    <nav id="main-menu" class="navbar"
    role="navigation">
        <div class="container">
            <!-- Nav Header Starts -->
            <div class="navbar-
            header">
                <button
                type="button" class="btn btn-navbar navbar-
                toggle" data-toggle="collapse" data-
                target=".navbar-cat-collapse">
                    <span
                    class="sr-only">Toggle Navigation</span>
                    <div
                    class="visible-xs" style="color: #fff;text-transform:
                    uppercase;">
                        <span class="toggle
                        include_once("db.php");
                        $IconArrow="";
                        <li><a
                        href='$baseURL/index.php'>Home</a></li>;
                        if(isset($_SESSION["UserId"]))
                        {
                            $UserType=$_SESSION["UserType"];
                            $FirstName=$_SESSION["FirstName"];
                            $LastName=$_SESSION["LastName"];
                            $UserName=$FirstName." ".$LastName;
                            //echo "<h4 class='CityName'>Solapur
                            </h4>";
                            if($UserType=="Administrator")
                            {
                                <li><a
                                href='$baseURL/POS.php'>POS</a></li>;
                                <li
                                class='dropdown'>
                                    <a
                                    href='#' class='dropdown-toggle' data-
                                    toggle='dropdown' data-hover='dropdown' data-
                                    delay='10'>
                                        Admin Panel
                                    </a>
                                    <ul
                                    class='dropdown-menu' role='menu'>
                                        <li
                                        class='dropdown' >
                                            <a
                                            href='Editor/index.html'>Photo Editor</a>
                                            </li>
                                            <li class='dropdown' >
                                                <a tabindex='-1' href='#'>Masters
                                                <i class='fa fa-chevron-right orange'></i></a>
                                                <ul class='dropdown-menu'>
                                                    <li class='dropdown' >
                                                        <a tabindex='-1' href='$baseURL/Slider.php'>Add Slider</a>
                                                        <!--<a
                                                        tabindex='-1' href='$baseURL/Banner.php'>Ad

```

Management</a-->

<a tabindex='-1' href='\$baseURL/ProductDetails.php'>Product Management</a>

<a tabindex='-1' href='\$baseURL/AddCategory.php'>Category Management</a>

<a tabindex='-1' href='\$baseURL/TemplateManagement.php'>Template Management</a>

<a tabindex='-1' href='\$baseURL/PaymentSetting.php'>Payment Option Setting</a>

<a tabindex='-1' href='\$baseURL/Color.php'>Add Color</a>

<a tabindex='-1' href='\$baseURL/Size.php'>Add Size</a>

<a tabindex='-1' href='\$baseURL/ProductType.php'>Add Product Type</a>

<a tabindex='-1' href='\$baseURL/SMSSettings.php'>SMS Settings</a>

</li>

</ul>

</li>

<li class='dropdown' >

<a tabindex='-1' href='#'>Online Shopping <i class='fa fa-chevron-right orange'></i></a>

<ul class='dropdown-menu'>

<li class='dropdown' >

<a tabindex='-1' href='\$baseURL/OrderStatusDetails.php'>Online Orders</a>

<a tabindex='-1' href='\$baseURL/UserDetails.php'>Online Customers</a>

</li>

</ul>

</li>

<li class='dropdown' >

<a tabindex='-1' href='#'>Outlet <i class='fa fa-chevron-right orange'></i></a>

<ul class='dropdown-menu'>

<li class='dropdown' >

<a tabindex='-1' href='\$baseURL/Purchase.php'>Purchase</a>

<a tabindex='-1' href='\$baseURL/POS.php'>POS</a>

```

    <a tabindex='-
1' href='$baseURL/StoreOrders.php'>Store
Orders</a>

```

```

    <a tabindex='-
1' href='$baseURL/StockReport.php'>Stock</a>

```

```

</li>

```

```

</ul>

```

```

</li>

```

```

<li class='dropdown' >

```

```

    <a
href='#'>WholeSale <i class='fa fa-chevron-right
orange'></i></a>

```

```

<ul class='dropdown-menu'>

```

```

<li class='dropdown' >

```

```

    <a tabindex='-
1' href='$baseURL/ProductDetails.php?ProductType
=WholeSale '>Product Management</a>

```

```

    <a tabindex='-
1' href='$baseURL/Inquiry.php?ProductType=Whole
Sale '>New Inquiry</a>

```

```

    <a tabindex='-
1' href='$baseURL/FollowUp.php?ProductType=Wh
oleSale '>Follow Up</a>

```

```

    <a tabindex='-
1' href='$baseURL/InquiryReports.php?ProductType
=WholeSale '>Inquiry Reports</a>

```

```

    <a tabindex='-
1' href='$baseURL/FollowUpReports.php?ProductTy
pe=WholeSale '>FollowUp Reports</a>

```

```

</li>

```

```

</ul>

```

```

</li>

```

```

<li class='dropdown' >

```

```

    <a tabindex='-1' href='#'>Frame
<i class='fa fa-chevron-right orange'></i></a>

```

```

<ul class='dropdown-menu'>

```

```

<li class='dropdown' >

```

```

    <a tabindex='-
1' href='$baseURL/ProductDetails.php?ProductType
=Frame'>Product Management</a>

```

```

</li>

```

```

</ul>

```

```

</li>

```

```

<li class='dropdown' >

```

```

    <a
href='#'>Painting <i class='fa fa-chevron-right
orange'></i></a>

```

```

    <ul class='dropdown-menu'>
        <li class='dropdown' >
            <a tabindex='-
1'
href='$baseUrl/ProductDetails.php?ProductType
=Painting '>Product Management</a>
        </li>
    </ul>
</li>
<li class='dropdown' >
    <a
href='#' class='fa fa-chevron-right
orange'></i></a>
    <ul class='dropdown-menu'>
        <li class='dropdown' >
            <a
href='#'>Handloom
        </li>
        <li class='dropdown' >
            <a
href='$baseUrl/ProductDetails.php?ProductType
=Handloom'>Product Management</a>
        </li>
    </ul>
</li>
    </ul>";
}
else if($UserType=="Vendor")
{
    echo
    <li
class='dropdown'>
    <a
href='#' class='dropdown-toggle' data-
toggle='dropdown' data-hover='dropdown' data-
delay='10'>
        Vendor Panel
    </a>
    <ul
class='dropdown-menu' role='menu'>
        <li class='dropdown' ><a tabindex='-1'
href='ProductRegistration.php'>Add
Product</a></li>
        <li class='dropdown' ><a tabindex='-1'
href='ProductDetails.php'>Edit Product</a></li>
        <li class='dropdown' ><a tabindex='-1'
href='OrderStatusDetails.php'>Order
Status</a></li>
    </ul>";
}
else
{
    echo
    <li
class='dropdown'>

```



```

    href="#" class='dropdown-toggle' data-
toggle='dropdown' data-hover='dropdown' data-
delay='10'>
    User Panel
    </a>
    <ul
class='dropdown-menu' role='menu'>
    <li class='dropdown' ><a tabindex='-1'
href='OrderStatusDetails.php'>My Orders</a></li>
    </ul>;

    }
    }
    else
    {
    }

    $rstCategory=mysqli_query($conn,"select
* from tblcategory where Status!='Deleted' and
ParentId=0 and ParentProductType='General'");

    while($rwCategory=mysqli_fetch_array($
rstCategory,MYSQLI_ASSOC))
    {
    $CategoryId=$rwCategory["CategoryId"];

    $Category=$rwCategory["Category"];

    $CategoryNameWithoutSpace=str_replace
(" ","-",$Category);

    $rstSubCategory=mysqli_query($conn,"se
lect * from tblcategory where
ParentId='$CategoryId' and LevelTwo=0 and
Status!='Deleted'");

    if(mysqli_num_rows($rstSubCategory)!=0
)
    {
    <a
href='Category/$CategoryId/$CategoryName'
class='dropdown-toggle' data-toggle='dropdown'
data-hover='dropdown' data-delay='10'>
    $CategoryNameWithoutSpace
    </a>
    <ul class='dropdown-
menu' role='menu'>;

    while($rwSubCategory=mysqli_fetch_arra
y($rstSubCategory,MYSQLI_ASSOC))
    {
    $SubCategoryId=$rwSubCategory["Categ
oryId"];

    $SubCategoryName=$rwSubCategory["C
ategory"];

    $SubCategoryNameWithoutSpace=str_rep
lace(" ","-",$SubCategoryName);

    $rstTwoLevel=mysqli_query($conn,"selec
t * from tblcategory where
LevelTwo='$SubCategoryId' and
Status!='Deleted'");

    $rwTwoLevel=mysqli_fetch_array($rstTw
oLevel,MYSQLI_ASSOC);

    $LevelTwo=$rwTwoLevel["LevelTwo"];

    if($LevelTwo!=0)
    {

```

```

    $IconArroww="<i class='fa fa-chevron-right orange'></i>";
    }
    else
    {
        $IconArroww="";
    }
    echo " <li class='dropdown' >
    <a href='$baseURL/Category/$SubCategoryId/$SubCategoryNameWithoutSpace'>$SubSubCategoryName</a>
    </li>";
    }
    echo " <li class='dropdown' >
    <a href='$baseURL/Category/$SubCategoryId/$SubCategoryNameWithoutSpace'>$SubCategoryName</a>
    </li>";
    }
    echo " <ul class='dropdown-menu'>";
    }
    $rstSubSubCategory=mysqli_query($conn,"select * from tblcategory where LevelTwo='$SubCategoryId' and Status!='Deleted'");
    }
    if(mysqli_num_rows($rstSubSubCategory)!=0)
    {
        echo " <li><a href='$baseURL/Category/$CategoryId/$CategoryNameWithoutSpace'>$CategoryNameWithoutSpace</a></li>";
    }
    }
    while($rwSubSubCategory=mysqli_fetch_array($rstSubSubCategory,MYSQLI_ASSOC))
    {
        echo " <li><a href='$baseURL/Wholesale.php'>Wholesale</a></li>";
    }
    $SubSubCategoryId=$rwSubSubCategory["CategoryId"];
    echo " <li><a href='$baseURL/painting.php'>Painting</a></li>";
    }
    $SubSubCategoryName=$rwSubSubCategory["Category"];
    </ul>
    </div>
    <!-- Navbar Cat collapse Ends -->
    $SubCategoryNameWithoutSpace=str_replace(" ", "-", $SubCategoryName);
    </div>

```

```

    </nav>
OrderOperation.php
<?php
    include_once("db.php");
    session_start();
    $Flag=$_REQUEST["Flag"];
    $UserType=$_SESSION["UserType"];
    $UserId=$_SESSION["UserId"];
    if($Flag=="Show")
    {
        $Status=$_POST["Status"];
        if($Status=="New
Order")
            $DivId="DivNewOrder";
        else
            if($Status=="Delivered")
                $DivId="delivered";
            else
                if($Status=="Customer Not Available")
                    $DivId="customernotavailable";
                else
                    if($Status=="Cancelled")
                        $DivId="cancelled";
                    else
                        if($Status=="Out
Of Stock")
                            $DivId="outofstock";

                if(isset($_POST["SubFlag"]))
                {
                    $SubFlag=$_POST["SubFlag"];
                }
                else
                {
                    $SubFlag="";
                }

                if($UserType=="Administrator" and
$SubFlag=="")
                {
                    $rstData=mysqli_query($conn,"select *
from tblorder where Status='$Status' ORDER BY
`OrderId` DESC");
                }
                else
                    if($UserType=="Vendor" and $SubFlag=="")
                    {
                        $TempOrderArray="";

                        $rstTemp=mysqli_query($conn,"select
DISTINCT(OrderId) as OrderId from
tblorderdetails where ProductId IN(select
DISTINCT(ProductId) from tblproducts where
VendorId='$UserId' ");
                        $SrNo=0;

                        $Count=mysqli_num_rows($rstTemp);

                        while($rwTemp=mysqli_fetch_array($rst
Temp,MYSQLI_ASSOC))
                        {
                            $OrderId=$rwTemp["OrderId"];

                            $TempOrderArray.=$OrderId;

                            $SrNo++;

                            if($Count!=$SrNo)
                                {
                                    $TempOrderArray.=",";
                                }
                        }

                        $rstData=mysqli_query($conn,"select *
from tblorder where Status='$Status' and OrderId
IN($TempOrderArray) ORDER BY `OrderId`
DESC");
                    }
                    else
                    if($UserType=="Customer")
                    {
                        $rstData=mysqli_query($conn,"select *
from tblorder where UserId='$UserId' and
Status='$Status' ORDER BY `OrderId` DESC");
                    }
                    else
                    if($SubFlag=="ShowMyOrder")
                    {
                        //echo "IN
SubgFlag";

                        $rstData=mysqli_query($conn,"select *
from tblorder where UserId='$UserId' ORDER BY
OrderId DESC");
                    }
                }
    }

```

```

mysql_error($conn);
        echo
        echo "
        <tr></thead>";
    if(mysqli_num_rows($rstData)!=0)
        {
            while($rowData=mysqli_fetch_array($rstData,MYSQLI_ASSOC))
            echo "<br/><br/>
            {
                <table class='table table-bordered'>
                    <thead>
                        <tr>
                            <th>OrderId</th>
                            <th>Customer Name</th>
                            <th>Total Amount</th>
                            <th>Order Date</th>
                            <th>View
                                Order</th>";
                    <tbody>
                        <tr>
                            <td>
                                if($SubFlag=="ShowMyOrder")
                                {
                                    echo
                                    "<th>Order Status</th>";
                                }
                                if($UserType=="Administrator" and
                                $SubFlag=="")
                                {
                                    echo "
                                    <th>Change
                                    Status</th>";
                                }
                            <td>
                                $OrderId=$rowData['OrderId'];
                                $OrderDateTime=date("d-m-Y h:i a",strtotime($rowData['OrderDateTime']));
                                $Status=$rowData['Status'];
                                $ShippingFirstName=$rowData['ShippingFirstName'];
                                $ShippingLastName=$rowData['ShippingLastName'];
                                $FullName=$ShippingFirstName."
                                ".$ShippingLastName;
                                $OrderedUserId=$rowData['UserId'];
                                $rstOrderDetails=mysqli_query($conn,"select * from tblorderdetails where OrderId='$OrderId'");
                            <td>
                                while($rowOrderDetails=mysqli_fetch_array($rstOrderDetails,MYSQLI_ASSOC))

```



```

    {

        $ProductId=$rwOrderDetails['ProductId'];

    }

    if($UserType=="Administrator" or
    $UserType=="Customer")
    {
        else
        if($UserType=="Vendor")

        $rstProduct=mysqli_query($conn,"select *
        from tblproducts where ProductId='$ProductId'");

        if(mysqli_num_rows($rstProduct)!=0)
        {
            $rstProduct=mysqli_query($conn,"select *
            from tblproducts where ProductId='$ProductId' and
            VendorId='$UserId'");

            if(mysqli_num_rows($rstProduct)!=0)

            $rwProduct=mysqli_fetch_array($rstProduct,MYSQLI_ASSOC);

            $ProductName=$rwProduct['ProductName'];

            $Quantity=$rwOrderDetails['Quantity'];

            $Price=$rwOrderDetails['Price'];

            $TotalAmount=$Quantity*$Price;

            $GrandTotalAmount+=$TotalAmount;

            $ProductName=$rwProduct['ProductName'];

            $Quantity=$rwOrderDetails['Quantity'];

            $Price=$rwOrderDetails['Price'];

            $TotalAmount=$Quantity*$Price;

            $GrandTotalAmount+=$TotalAmount;
    }
  
```

```

and $SubFlag=="")

        {

        }

        }

    }

    echo "<tr>

        <td>${OrderId}</td>

        <td>${FullName}</td>

        <td>${GrandTotalAmount}</td>

        <td>${OrderDateTime}</td>

        <td><input
        type='button' id='btnVendor${OrderId}' class='btn
        btn-success btn-xs' value='View Order'
        onclick='ViewOrderDetails(${OrderId});' data-
        toggle='modal' data-target='#mdlOrderDetails'
        /></td>";

        if($SubFlag=="ShowMyOrder")

        {

            echo

            "<td>${Status}</td>";

        }

        echo "</tr>";

        if($UserType=="Administrator"
  
```

```

        {

        echo "

        <td><select
        id='lstStatus${OrderId}' class='lstOrderStatus' data-
        parent-div='${DivId}' data-current-status='${Status}'
        data-order-id='${OrderId}'>

        <option value="" disabled selected>Change
        Status</option>

        <option value='New Order'>New
        Order</option>

        <option
        value='Delivered'>Delivered</option>

        <option value='Customer Not
        Available'>Customer Not Available</option>

        <option
        value='Cancelled'>Cancelled</option>

        <option value='Out Of Stock'>Out Of
        Stock</option>
  
```

```

        </select>

        </td>";
  
```

```

        }

        echo "</tr>";
  
```

```

    }
  
```

```

    echo "</table>";
    }
    else
    {
        echo "<h3 align=center>No Orders Found</h3>";
    }
    else if($Flag=="ShowReloaded")
    {
        $OrderStatus=$_POST["OrderStatus"];
        $OrderId=$_POST["OrderId"];
        $DateTime=date("Y-m-d h:i:s");
        $InsertedByUserId=$_SESSION["UserId"];
        if(mysqli_query($conn,"update tblorder set Status='$OrderStatus' where OrderId='$OrderId'"))
        {
            if(mysqli_query($conn,"insert into tblorderdetails (OrderId,DateTime,InsertedByUserId,Status) values('$OrderId','$DateTime','$InsertedByUserId','$OrderStatus')"))
            {
                echo "Inserted";
            }
        }
    }
    else if($Flag=="ViewOrderDetails"){
        $OrderId=$_POST["OrderId"];
        $rstData=mysqli_query($conn,"select * from tblorder where OrderId='$OrderId'");
        echo mysqli_error($conn);
        if(mysqli_num_rows($rstData)!=0)
        {
            echo "<br/><br/>";
            <table class='table table-bordered table-condensed'>
                <thead>
                    <th>Product Name</th>
                    <th>Category</th>
                    <th>Price</th>
                    <th>OrderId</th>
                    <th>Customer Name</th>
                    <th>Order Date</th>
                </thead>";
                </thead>";
                echo "<table class='table table-bordered table-condensed'>";
                echo "<thead>";
                <tr>
                    <td>$OrderId</td>
                    <td>$FullName</td>
                    <td>$OrderDateTime</td>
                </tr>";
                echo "</table>";
                echo "<table class='table table-bordered table-condensed'>";
                echo "<thead>";
                <tr>
                    <th>Product Name</th>
                    <th>Category</th>
                    <th>Price</th>
                    <th>OrderId</th>
                    <th>Customer Name</th>
                    <th>Order Date</th>
                </thead>";
                while($rwData=mysqli_fetch_array($rstData,MYSQLI_ASSOC))
                {
                    $OrderId=$rwData['OrderId'];
                    $OrderDateTime=date("d-m-Y h:i a",strtotime($rwData['OrderDateTime']));
                    $Status=$rwData['Status'];
                    $ShippingFirstName=$rwData['ShippingFirstName'];
                    $ShippingLastName=$rwData['ShippingLastName'];
                    $FullName=$ShippingFirstName." ".$ShippingLastName;
                    $OrderedUserId=$rwData['UserId'];
                    $rstOrderDetails=mysqli_query($conn,"select * from tblorderdetails where OrderId='$OrderId'");
                    $GrandTotalAmount=0;
                    echo "<tr>";
                    <td>$OrderId</td>
                    <td>$FullName</td>
                    <td>$OrderDateTime</td>
                </tr>";
                echo "</table>";
                echo "<table class='table table-bordered table-condensed'>";
                echo "<thead>";
                <tr>
                    <th>Product Name</th>
                    <th>Category</th>
                    <th>Price</th>
                    <th>OrderId</th>
                    <th>Customer Name</th>
                    <th>Order Date</th>
                </thead>";
                while($rwData=mysqli_fetch_array($rstData,MYSQLI_ASSOC))
                {
                    $OrderId=$rwData['OrderId'];
                    $OrderDateTime=date("d-m-Y h:i a",strtotime($rwData['OrderDateTime']));
                    $Status=$rwData['Status'];
                    $ShippingFirstName=$rwData['ShippingFirstName'];
                    $ShippingLastName=$rwData['ShippingLastName'];
                    $FullName=$ShippingFirstName." ".$ShippingLastName;
                    $OrderedUserId=$rwData['UserId'];
                    $rstOrderDetails=mysqli_query($conn,"select * from tblorderdetails where OrderId='$OrderId'");
                    $GrandTotalAmount=0;
                    echo "<tr>";
                    <td>$OrderId</td>
                    <td>$FullName</td>
                    <td>$OrderDateTime</td>
                </tr>";
                echo "</table>";
                echo "<table class='table table-bordered table-condensed'>";
                echo "<thead>";
                <tr>
                    <th>Product Name</th>
                    <th>Category</th>
                    <th>Price</th>
                    <th>OrderId</th>
                    <th>Customer Name</th>
                    <th>Order Date</th>
                </thead>";
                while($rwData=mysqli_fetch_array($rstData,MYSQLI_ASSOC))
                {
                    $OrderId=$rwData['OrderId'];
                    $OrderDateTime=date("d-m-Y h:i a",strtotime($rwData['OrderDateTime']));
                    $Status=$rwData['Status'];
                    $ShippingFirstName=$rwData['ShippingFirstName'];
                    $ShippingLastName=$rwData['ShippingLastName'];
                    $FullName=$ShippingFirstName." ".$ShippingLastName;
                    $OrderedUserId=$rwData['UserId'];
                    $rstOrderDetails=mysqli_query($conn,"select * from tblorderdetails where OrderId='$OrderId'");
                    $GrandTotalAmount=0;
                    echo "<tr>";
                    <td>$OrderId</td>
                    <td>$FullName</td>
                    <td>$OrderDateTime</td>
                </tr>";
                echo "</table>";
            }
        }
    }
}

```

```

    <th>Quantity</th>
<th>DeliveryCharges</th>                                echo "<tr>
    <th>Amount</th>
    </tr>
    </thead>";
    while($rwOrderDetails=mysqli_fetch_array($rstOrderDetails,MYSQLI_ASSOC))
    {
        $ProductId=$rwOrderDetails['ProductId'];
        if($UserType=="Administrator" or $UserType=="Customer")
        {
            $rstProduct=mysqli_query($conn,"select * from tblproducts where ProductId='$ProductId'");
            $rstCategory=mysqli_query($conn,"select * from tblcategory where CategoryId='$ProductId'");
            $rwCategory=mysqli_fetch_array($rstCategory,MYSQLI_ASSOC);
            $Category=$rwCategory['Category'];
            if(mysqli_num_rows($rstProduct)!=0)
            {
                $rwProduct=mysqli_fetch_array($rstProduct,MYSQLI_ASSOC);
                $ProductName=$rwProduct['ProductName'];
                $Quantity=$rwOrderDetails['Quantity'];
                $Price=$rwOrderDetails['Price'];
                $DeliveryCharges=$rwProduct['DeliveryCharges'];
                $TotalAmount=$Quantity*$Price+$DeliveryCharges;
            }
        }
        $GrandTotalAmount+=$TotalAmount;
    }
    if($UserType=="Vendor")
    {
        $rstProduct=mysqli_query($conn,"select * from tblproducts where ProductId='$ProductId' and VendorId='$UserId'");
        $rstCategory=mysqli_query($conn,"select * from tblcategory where CategoryId='$ProductId'");
        $rwCategory=mysqli_fetch_array($rstCategory,MYSQLI_ASSOC);
        $Category=$rwCategory['Category'];
        if(mysqli_num_rows($rstProduct)!=0)
        {
            $rwProduct=mysqli_fetch_array($rstProduct,MYSQLI_ASSOC);
            $ProductName=$rwProduct['ProductNam

```

```

e];
    $Quantity=$rwOrderDetails['Quantity'];
    $Price=$rwOrderDetails['Price'];
$DeliveryCharges=$rwProduct['DeliveryCharges'];

    $TotalAmount=$Quantity*$Price;
    echo "<tr>
        <td>$ProductName</td>
<th>$Category</th>
        <td>$Price</td>
        <td>$Quantity</td>
<th>$DeliveryCharges</th>
        <td>$TotalAmount</td>
    </tr>";

    $GrandTotalAmount+=$TotalAmount;
}
}
    echo "<tr>
<th colspan=5>Total</th>
<th>$GrandTotalAmount</th>
    </tr>";
}
    echo "</table>";

    $rstShippingUser=mysqli_query($conn,"s
elect * from tblorder where UserId='$UserId'");

    $rwShippingUser=mysqli_fetch_array($rs
tShippingUser,MYSQLI_ASSOC);

    $ShippingFirstName=$rwShippingUser["
ShippingFirstName"];

    $ShippingLastName=$rwShippingUser["S
hippingLastName"];

    $ShippingEmail=$rwShippingUser["Ship
pingEmail"];

    $ShippingPhone=$rwShippingUser["Ship
pingPhone"];

    $ShippingAddress1=$rwShippingUser["S
hippingAddress1"];

    $ShippingPostalCode=$rwShippingUser["
ShippingPostalCode"];
    echo <<<xyz
        <h3>Shipping Details</h3>
        <form
class="form-horizontal" role="form">
            <div
class="form-group">
                <label for="inputFname" class="col-sm-2
control-label">Full Name :</label>
                <div class="col-sm-4">
                    <input type="text" class="form-
control" id="inputFname" placeholder="First
Name" value='$ShippingFirstName
$ShippingLastName' readonly/>
                </div>
            </div>
            <div
class="form-group">
                <label for="inputEmail" class="col-sm-2
control-label">Email :</label>
                <div class="col-sm-4">
                    <input
                        type="email"
class="form-control"
                        id="inputEmail"
placeholder="Email"
                        value='$ShippingEmail'
readonly/>
                </div>
                <label for="inputEmail" class="col-sm-2
control-label">Mobile No. :</label>
                <div class="col-sm-4">
                    <input type="text" class="form-
control" id="inputPhone" placeholder="Phone"
value='$ShippingPhone' readonly/>
                </div>
            </div>
        </form>
    </div>
    </div>
  
```

```

class="form-group">
    <label for="inputAddress1" class="col-sm-2 control-label">Shipping Address :</label>
    <div class="col-sm-8">
        <input type="text" class="form-control" id="inputAddress1" placeholder="Shipping Address" value="$ShippingAddress1" readonly/>
    </div>
</div>
class="form-group">
    <label for="inputPostCode" class="col-sm-2 control-label">Postal Code :</label>
    <div class="col-sm-4">
        <input type="text" class="form-control" id="inputPostCode" placeholder="Postal Code" value="$ShippingPostalCode" readonly/>
    </div>
</div>
xyz;
}
else
{
    echo "No Orders";
}
?>
  
```

### III. IMPLEMENTATION

To implement proposed system, different important things are considered as we focus on reaching our main goal to system which is to bring an added facility to ecommerce through multi-agent technology.

- There should be them AI agent from which buyer agents and seller agents that should be created.
- Main agents, buyer and seller agents must be associated with a Graphic User Interface (GUI) for better interaction with the users.
- Seller and buyer agents should be able to negotiate on behalf of user. Such negotiations should being a good co-ordination and conflict resolution, where the conflict is understood broadly as any form of goal disparity

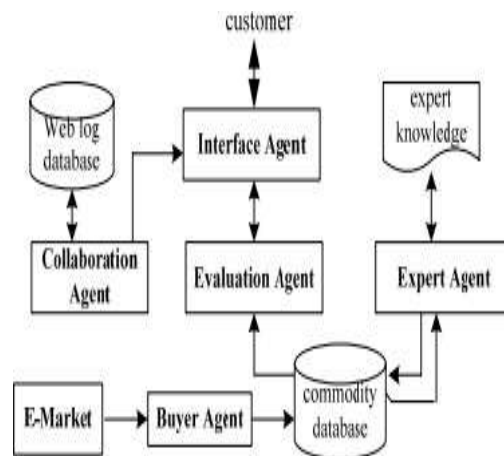


Figure 1. The architecture of the shopping system

### IV. RESULTS

When System starts, main agent called (MAISS) is loaded. This agent automatically opens connection with the mysql database. They are not associated with a GUI, their roles is to just control database flow of information and doing the other activities requested by the buyer and seller agents

which will be created by users.

The seller can login and create seller agents, register new products to the inventory. If he is not recognized, he must need to register in our case, seller with username (alice) has already logged in, and created two seller agents (SELLER\_AGENT1, SELLER\_AGENT2).



In this system, the buyer agent price is a reserved price above which it can't buy the product. In the case it can't get all desired quantity from one seller agent, it has a possibility of buying other from different sellers. Each time it buys, for example, it is to buy quantity  $Q$  of product  $P$ , and if it gets some quantity  $Q_i \leq Q$ ; there is a decrement in the quantity by  $Q_i$ , and the remaining quantity to buy is  $Q - Q_i$ , where  $Q - Q_i > 0$ .

## V. CONCLUSION AND FUTURE WORK

We have proposed the agent based system to automate shopping process. We identified different scenarios through which, proposed system will be much more helpful. The success of system will be able to help people save time and effort in dealing with buying and selling operations. In this paper, we have been analyzed and shown some functionalities of Multi-Agent Intelligent Shopping System. We have also given the sample implementation. We have also presented the background information on the working of this system by software agents and automatic [4]

negotiations. More is to be done and we hope to address following developments in subsequent papers. We will systematically extend system in future to fully answer to all expectations of users. In future, an intelligent shopping system will be developed for the user by using a multi-agent system to provide shopping service for the products that a consumer does not buy frequently.

## REFERENCES

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