

## **Fake Product Review Monitoring and Removal for Genuine Product Reviews Using Opinion Mining PHP**

As most of the people require review about a product before spending their money on the product. So people come across various reviews in the website but these reviews are genuine or fake is not identified by the user. In some review websites some good reviews are added by the product company people itself in order to make product famous this people belong to Social Media Optimization team. They give good reviews for many different products manufactured by their own firm. User will not be able to find out whether the review is genuine or fake. To find out fake review in the website this “Fake Product Review Monitoring and Removal for Genuine Online Product Reviews Using Opinion Mining“ system is introduced. This system will find out fake reviews made by the social media optimization team by identifying the IP address. User will login to the system using his user id and password and will view various products and will give review about the product. To find out the review is fake or genuine, system will find out the IP address of the user if the system observe fake review send by the same IP Address many at times it will inform the admin to remove that review from the system. This system uses data mining methodology. This system helps the user to find out correct review of the product.

### **System works as follows: -**

- Admin will add products to the system.
- Admin will delete the review which is fake.
- User once access the system, user can view product and can post review about the product.
- System will track the IP address of the user.
- If the system observes fake review coming from same IP address many a times this IP

- Hard Disk – 50 GB
- Memory – 1GB RAM

❖ **Advantages:**

- User gets genuine reviews about the product.
- User can post their own review about the product.
- User can spend money on valuable products.

❖ **Disadvantages:**

- If the social media optimization team uses different IP address to send the review, system will fail to track the fake review.

❖ **Application:**

- This application will be used by the people who like to spend their money on valuable products.

address will be tracked by the system and will inform the admin to remove this review from the system.

#### ❖ Modules:

The system comprises of 2 major modules with their sub-modules as follows:

1. **Admin Login:** Admin login to the system using his admin ID and password.
  - Add product:
    - Admin will add product to the system.
  - Delete Review:
    - Admin will remove the review which tracked by the system as fake.
2. **User Login:** User will login to the system using his user ID and password.
  - View product:
    - User will view product.
  - Post Review:
    - User can post review about the product.
  - Tracks IP Address:
    - If the system finds a review is fake it will inform the admin to remove the fake review.

#### ❖ **Software Requirements:**

- Windows 7 or higher
- WAMP Server
- Notepad++
- My SQL 5.6

#### ❖ **Hardware Components:**

- Processor – Dual Core

# INTRODUCTION

## 1.1 GENERAL

As most of the people require review about a product before spending their money on the product. So people come across various reviews in the website but these reviews are genuine or fake is not identified by the user. In some review websites some good reviews are added by the product company people itself in order to make product famous this people belong to Social Media Optimization team. They give good reviews for many different products manufactured by their own firm. User will not be able to find out whether the review is genuine or fake. To find out fake review in the website this "Fake Product Review Monitoring and Removal for Genuine Online Product Reviews Using Opinion Mining" system is introduced. This system will find out fake reviews made by the social media optimization team by identifying the IP address. User will login to the system using his user id and password and will view various products and will give review about the product. To find out the review is fake or genuine, system will find out the IP address of the user if the system observe fake review send by the same IP Address many a times it will inform the admin to remove that review from the system. This system uses data mining methodology. This system helps the user to find out correct review of the product.

## 1.2 MOTIVATION

- The proposed system will save their efforts and time by helping the users and business organizations identify spams from different opinions quickly and also help in purchasing their valuable products from a trustworthy site.
- To ensure credibility of the reviews posted on a platform, it is important to use a strong detecting model.

### **1.3 OUTLINE OF THE PROJECT**

The project is all about detecting Reviews for Online shopping. This project helps the customers to avoid fake reviews. We are using Opinion mining for detecting the fake reviews. Reviews posted by the user or customers will undergo The Process of Opinion mining and IP address detection. We are using a software called Xampp. Xampp is an open source software which helps to store the reviews in the table format.

### **1.4 PROBLEM STATEMENT**

Designing a prototype Fake product review monitoring System which will focus on continuously and accurately monitoring the review to check whether the review is fake or not .The user or the product owner can give the fake review about re product This might be the result for choose the wrong product based on the review.To avoid this type of problem This is is designed to remove fake reviews.

### **OBJECTIVE OF THE PROJECT**

- The objective of paper named Fake Product Review Monitoring.
- Removal for Genuine Online Product Reviews Using Opinion Mining helps to identify the cheatings in reviews about product.
- Opinion mining mechanisms has been used to find out the fake reviews.

## **AIM AND SCOPE**

### **2.1 AIM**

The aim of our project is to design a system that will detect Fake reviews in online shopping and removal of that review. The Fake product review monitoring system ,which is been implemented in this project aims that it can easily be available and can be used with different types of online shopping.

### **2.2 PROBLEM DEFINITION**

An e-commerce website's good growth is only witnessed in today's atmosphere when its user base is vast. The virtual presence of users may be seen in the reviews they post after using or purchasing a product. the amount of reviews a product has got determines its legitimacy.. Businesses have published product reviews in order to drive sales in recent years, while customers have attempted to degrade the product by submitting negative reviews. As a result of this, a mechanism to detect fake reviews, whether positive or negative, is necessary. These assessments are also critical for future progress.

### **2.3 LITERATURE REVIEW**

In the past, opinion mining has piqued people's curiosity. However, little study has been done in this area. Unless it is manually read, review spam is impossible to detect..Here are some of the projects that have been suggested and implemented. Paper [1] provides three new features: review density, semantics, and emotion, as well as the model and technique for constructing each of them. Even so, it isn't a good statistic, and the reduction isn't significant. To develop a model to discover fraudulent reviews, researchers employed linguistic variables such as unigram presence, unigram frequency, bigram presence, bigram frequency, and review length [2]. The fundamental issue is data scarcity, which necessitates both linguistic and ethical characteristics. Paper [3] provides a ethical technique for detecting review spammers that attempt to alter product evaluations. For rank reviewers, an aggregated behaviour rating technique is developed. In order to detect online spam reviews, paper [4] recommends using

categories of lexical, semantic, and linguistic aspects. We discovered in Paper [5] that recognizing individual bogus reviews was tough, but spotting groups was much simpler. To analyze the dataset, we employed frequent item set mining (FIM). Paper [6] compared real-life fake or non-fake online shopping reviews for the first time. The findings revealed that real-world data is far more difficult to categorize.

## 2.4 Scope

- The scope and need of online markets and e-commerce platforms are on the rise and many people buy products from these platforms. The amount of feedbacks for products as a result are also present in detail for users to analyze the product they are buying.
- Thus we need to take care of this because this can be done either by the merchant to increase the value of his product or the user to degrade the ratings of that product. In general the reviews can be classified as genuine or fake review.
- The intention of this research is to distinguish the fake opinions posted about products and the genuine one to intentionally change the overall sentiment of the products.

## **ALGORITHM AND METHODS**

### **3.1 ALGORITHM**

- Method Used: Opinion Mining
- Opinion mining, often known as sentiment analysis, is a text analysis approach for detecting and extracting sentiment or opinion from text (positive, Negative , neutral,, etc..)
- We can use Opinion Mining to track how sentiment classification changes over time.

#### **3.1.1 PROPOSED SYSTEM**

- The proposed system brings out the technology which helps to find out the review that made for product is true or not. The reason for introducing this Monitoring and removing system is to purchase the required products in a best manner.
- Because fake reviews also been added by owner or seller of that particular product. Users or customers of the product cant able to find these types of reviews. So proposed system would identify the fake kind of reviews based on the IP address of users.
- Firstly, the user will log in to their account and will do purchase the products as they wants. While reviews are added by users, the IP address is made to be noted. If many reviews are received from same IP address, that would be intimated to administrator

#### **3.1.2 ADVANTAGES OF PROPOSED SYSTEM**

- User gets genuine reviews about the product.
- User can post their own review about the product.
- User can spend money on valuable product



### **3.2 MODULES**

- USER
- ADMIN

### **3.2.1.USER**

- Register the registration form with essential information
- Login the account with the right username and password
- View all Products
- Place an order and Payment
- Giving comment and Rating
- Logout

### **3.2.2.ADMIN**

- Login with correct username and password
- Add Products
- Manage Products
- View all user
- Create a New order
- View and remove fake reviews(if the Particular user can give positive and Negative review means that is fraudulent review). Based on the evaluation, the administrator has the option to delete the review.

### **3.3.WORK FLOW**

This system helps the user to find out correct review of the product. System works as follows

- Admin will add products to the system.
- Admin will delete the review which is fake.
- User once access the system, user can view product and can post review about the product.
- System will track the IP address of the user.
- If the system observes fake review coming from same IP address many a times this IP address will be tracked by the system and will inform the admin to remove this review from the system.

### **3.3.1. TYPES OF EVALUATIONS**

There are three categories of reviews in this system.

A) **Opinionated fake reviews:** These reviews feature a variety of viewpoints that may be detrimental to the product's sales.

- **Positive reviews:-** These types of reviews give misleading or deserved ratings and reviews in order to boost product sales.
- **Negative reviews:-** These kinds of reviews are written in order to hurt a product's sales.

B) **Only brand-specific reviews:-**

- These reviews aren't about the product, but about the company that sells it. These kinds of reviews don't promote a product's quality sales.

C) **Non Reviews:-**

- There were several techniques built earlier to deal with the difficulties of false reviews, and these sorts of reviews are not qualified to be termed reviews since they are not about the

### **3.3.2. PROJECT IMPLEMENTATION:-**

The ADMIN/USER can login and have their respective authorization in system. He posted reviews will undergo the process of sentiment analysis, IP address track, and its deviation from overall review analysed. If any miscalculation is found in the reviews which are analysed, are then handled by the system admin only.

#### **Detection of spams using ratings behavior:**

While detecting spams, it is necessary to look at behaviour of the ratings, there is chance of spammers spamming the product for no reason, even if there is no issue with product itself, at this point the overall ratings come to the rescue.

#### **Spotting a group of fake reviewers:**

A group of fake reviewers can be identified using their IP address, numerous reviews posted to same product are considered as spam as they could be posted in order to degrade the product sales.

## **SYSTEM REQUIREMENT AND DESIGN**

### **4.1 REQUIREMENT**

#### **4.1.1 HARDWARE REQUIREMENT**

Name of component	Specification
Processor	Pentium III 630MHz
RAM	128 MB
Hard disk	20 GB
Monitor	15" color monitor
Keyboard	122 keys

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#### **4.1.2 SOFTWARE REQUIREMENT**

Name of component	Specification
Operating System	Windows 98, Windows XP, Windows7,Linux
Language	PHP Runtime Environment
Database	MySQL Server
Browser	Any of Mozilla, Opera, Chrome etc
Web Server	Tomcat 7
Software Development Kit	PHP
Scripting Language Enable	Javascript
Database JDBC Driver	MySQL Jconnector



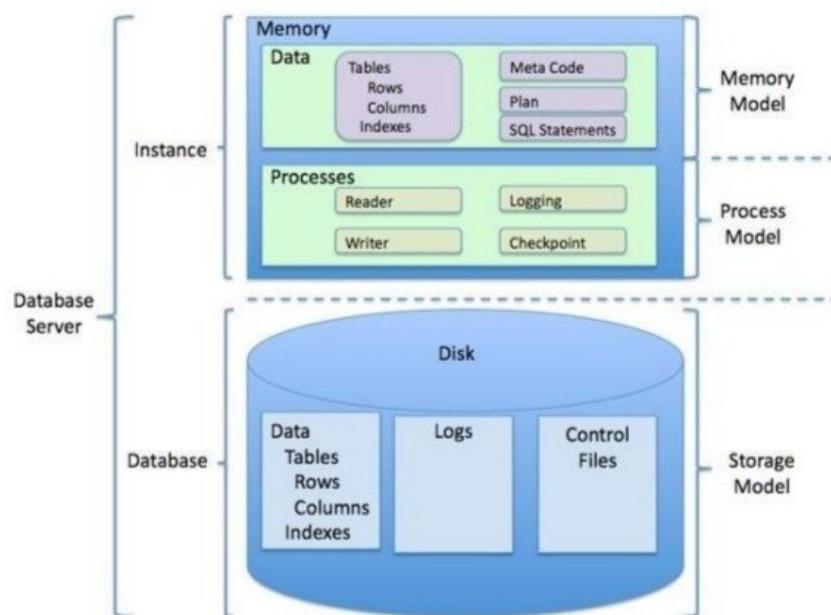
#### **4.1.3.SOFTWARE DESCRIPTION ROLE OF MYSQL**

MYSQL is a relational database management system(RDBMS) developed by oracle that is based on Structured query language(SQL).

#### **RDBMS:**

A relational database management system (RDBMS) is a database management system (DBMS) that is based on the relational model as invented by E. F. Codd, of IBM's San Jose Research Laboratory. Many popular databases currently in use are based on the relational database model.

RDBMS have become predominant choice for the storage of in the new databases used for financial records, manufacturing and logistical information, personnel data, and much more since the 1980s. Relational databases have often replaced legacy hierarchical databases and network databases because they are easier to understand and use. However, relational databases have been challenged by object databases, which were introduced in an attempt to address the object- relational impedance mismatch in relational database, and XML databases.



## 4.2 SYSTEM ARCHITECTURE

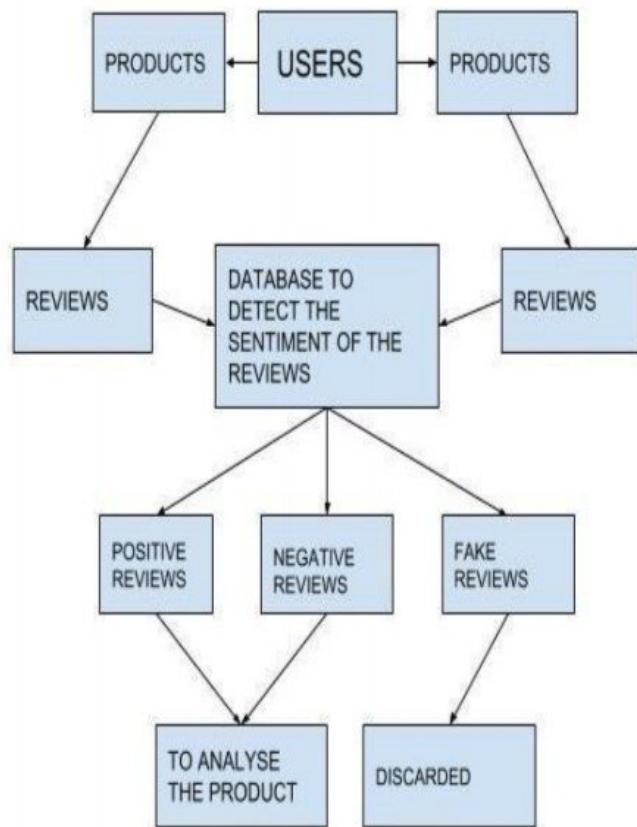


Fig 4.1 Architecture diagram

At Start of an application, user need to enter login Credentials include email id and password. after that user can view all the products once the user willing to purchase a product they can add it to the cart and buy it either COD or online payment method after that he/she will post the review and about the product They buy. The IP address of the user will be tracked. These review will be go under sentiment analysis.

After that admin will enter his/her login credentials he will watch all the reviews if any miscalculation in the review or the reviews posted several time by the same IP address the admin will remove the review .He will be able to add the product or delete the product.

## **RESULTS AND DISCUSSION**

### **5.1 SOFTWARE SETUP**

For the execution of the project we need to have a software called Xampp. After the installation of the software we need to start MYSQL and apache for tracking IP address and store the review in table format.

### **5.2 EXPERIMENTAL RESULTS**

After doing literature survey, different techniques have been found for detecting fake reviews. The web page is divided into two sections: User Login and Admin Login. The user can connect in to the website using valid login credentials via user login. They may see items, search for products, buy things, and leave product reviews once they have successfully logged in. Only the admin has the right to log in using his or her legitimate login credentials on the admin side. They have the ability to add new items, view current products, examine orders placed by consumers, delete products, read customer comments, identify fraudulent reviews, and remove fake reviews.



Fig 5.2.1.Home Page

A screenshot of a web browser window showing the "New User" registration form. The title bar says "Fake Product Review Monitor..." and the address bar shows "localhost:8080/FakeProductReviewsDetection/". The main title "FAKE PRODUCT REVIEW MONITORING AND REMOVAL SYSTEM" is at the top. Below it is a "New User" form with fields for Name, Username, Password, Email ID, Phone no., Address, and City, each with an input field. A "Submit" button is at the bottom right of the form. The browser's toolbar and taskbar are visible at the bottom.

Fig 5.2..2. NEW USER REGISTRATION

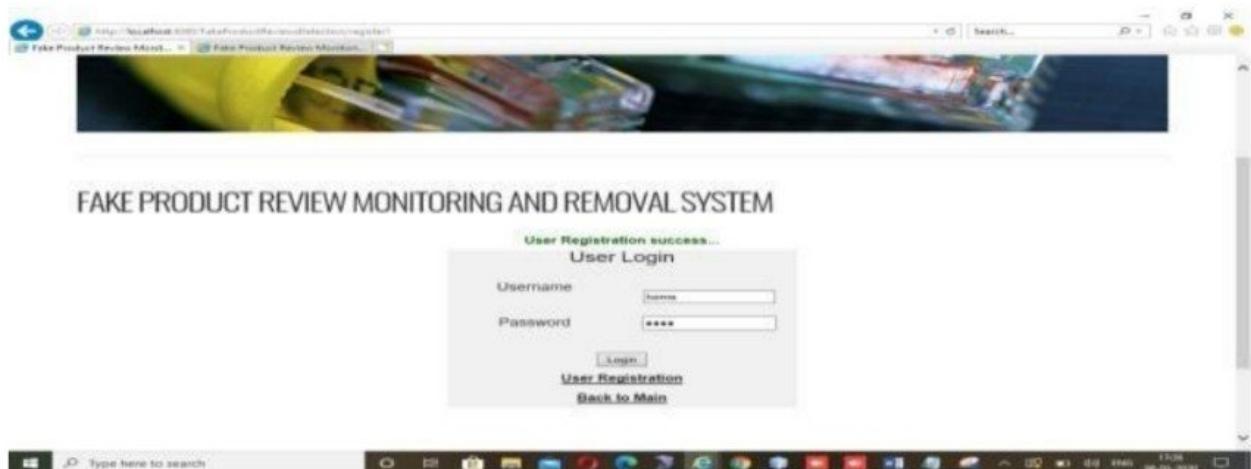


Fig5.2.3.User Login Page

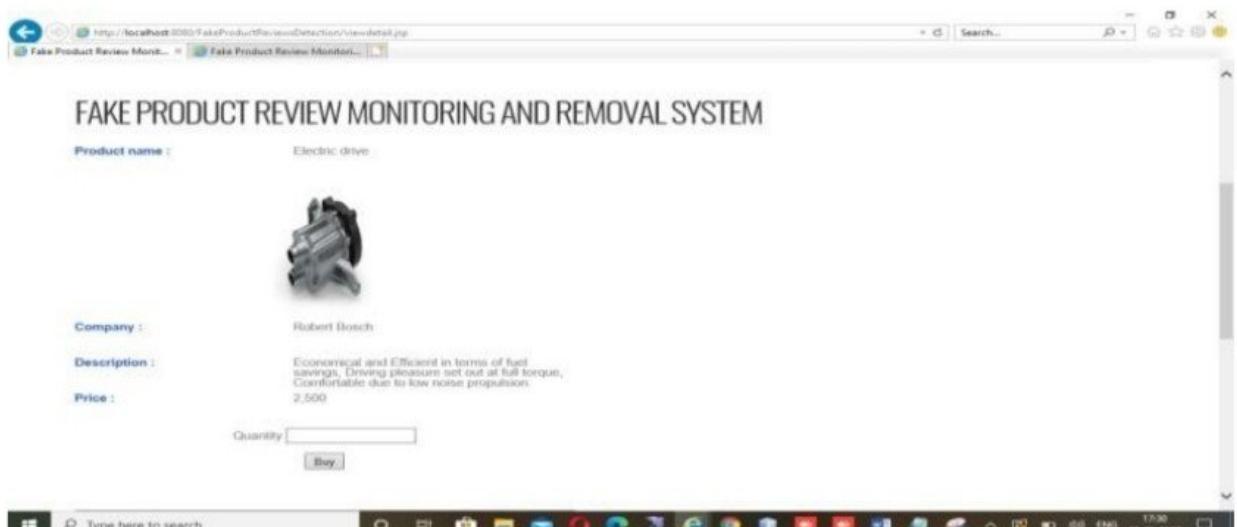


Fig.5.2.4.Product details

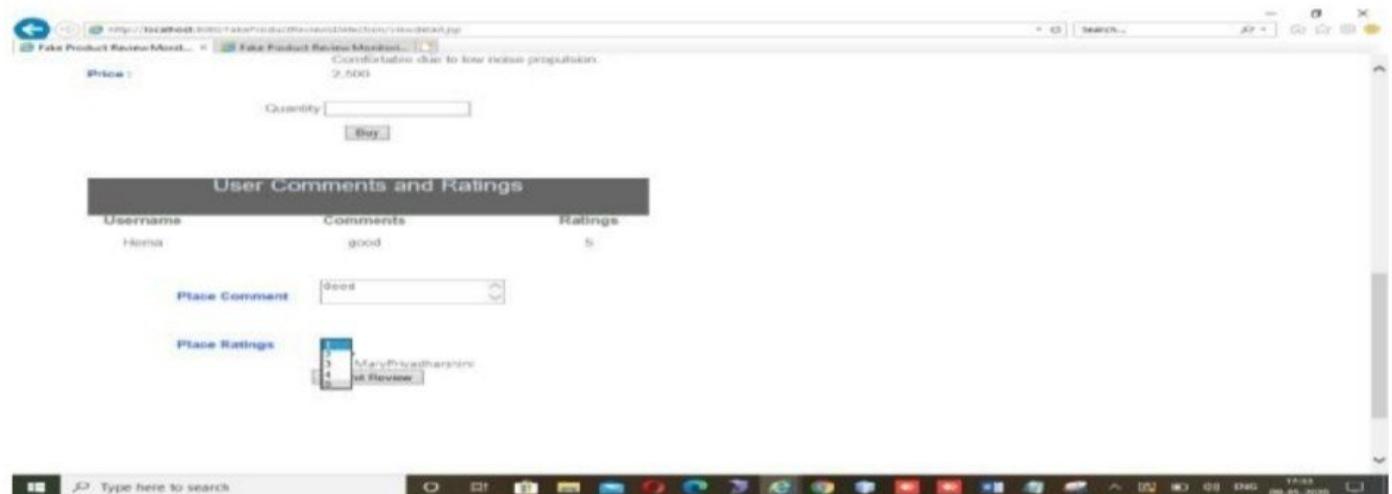


Fig.5.2.5. Review Submission

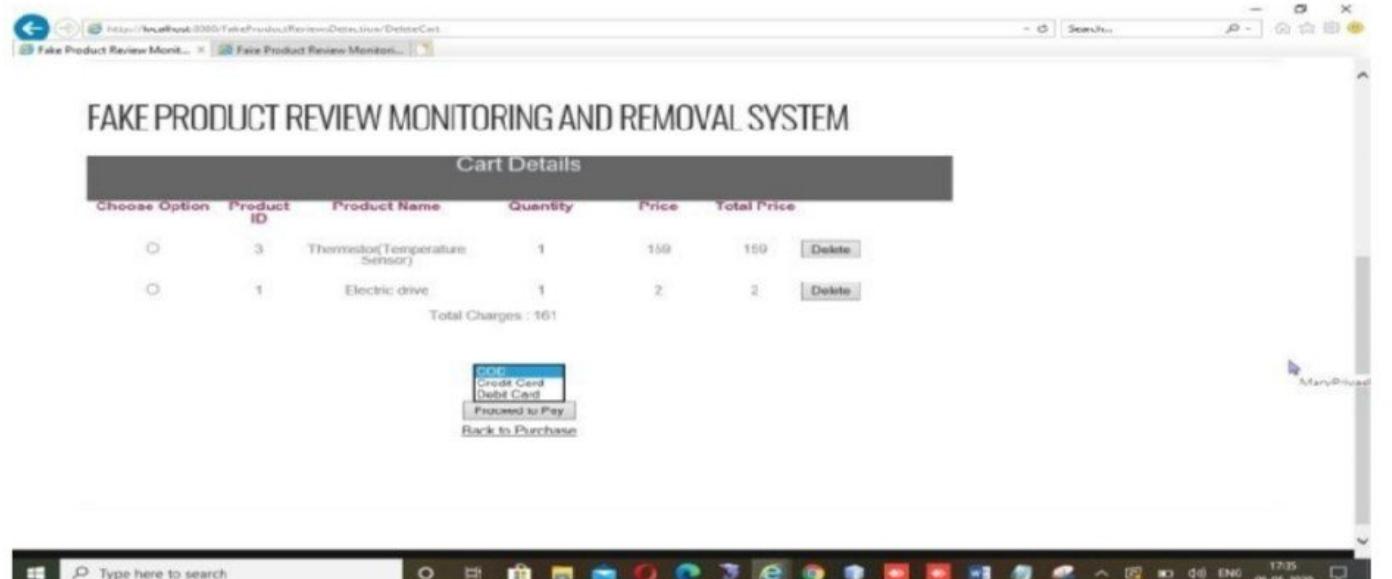


Fig.5.2.6. Cart Details



Fig.5.2.7.Card details

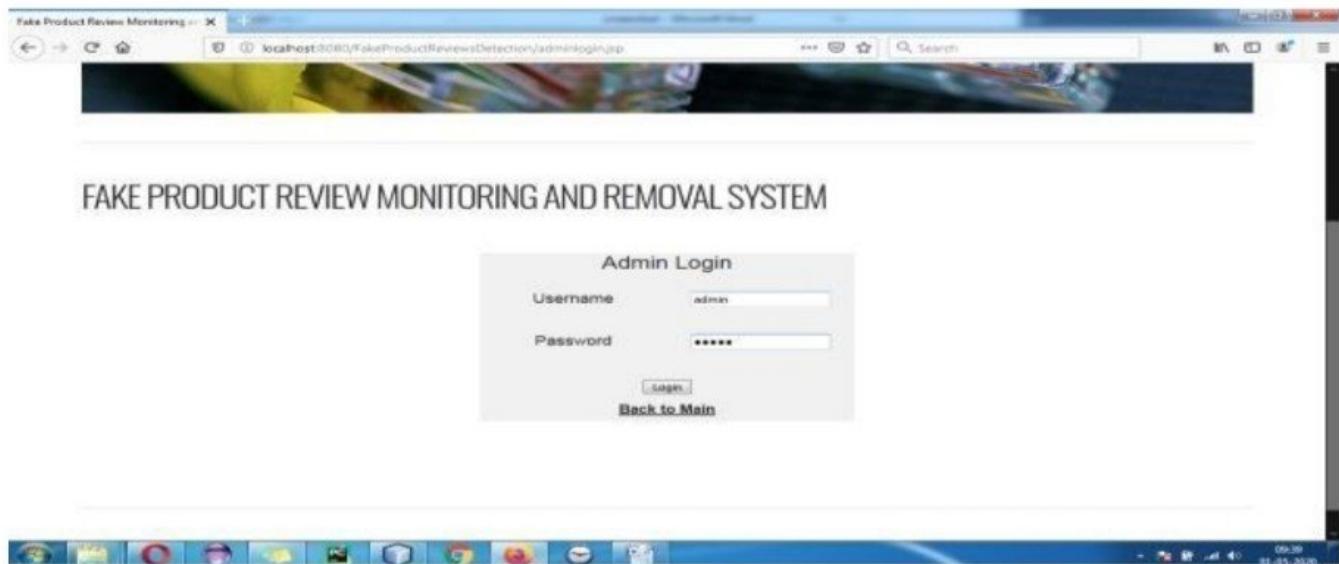


Fig.5.2.8.Admin login

FAKE PRODUCT REVIEW MONITORING AND REMOVAL SYSTEM

Add new Product details

Product Name	LDR sensor
Company	Robodo
Description	Can detect ambient brightness and
Price	147
Product Image	D:\FakeProductReview\Browse...

Would you like to store your password for localhost? [More info](#)

Yes Not for this site

Type here to search

Fig 5.2.9.Managing Products

FAKE PRODUCT REVIEW MONITORING AND REMOVAL SYSTEM

View Orders

Username	Product ID	Product Name	Quantity	Price	Status
Alo	2	Automotive memo sensor	2	2600	purchased
Hema	2	Automotive memo sensor	2	2600	ordered
Alo	3	Electric drive	2	5000	purchased
Hema	3	Electric drive	2	5000	ordered
hemsa	3	Thermistor(Temperature Sensor)	1	150	ordered
hemsa	3	Thermistor(Temperature Sensor)	1	150	cart
hemsa	1	Electric drive	1	2	cart

Fig 5.2.10.Order Details

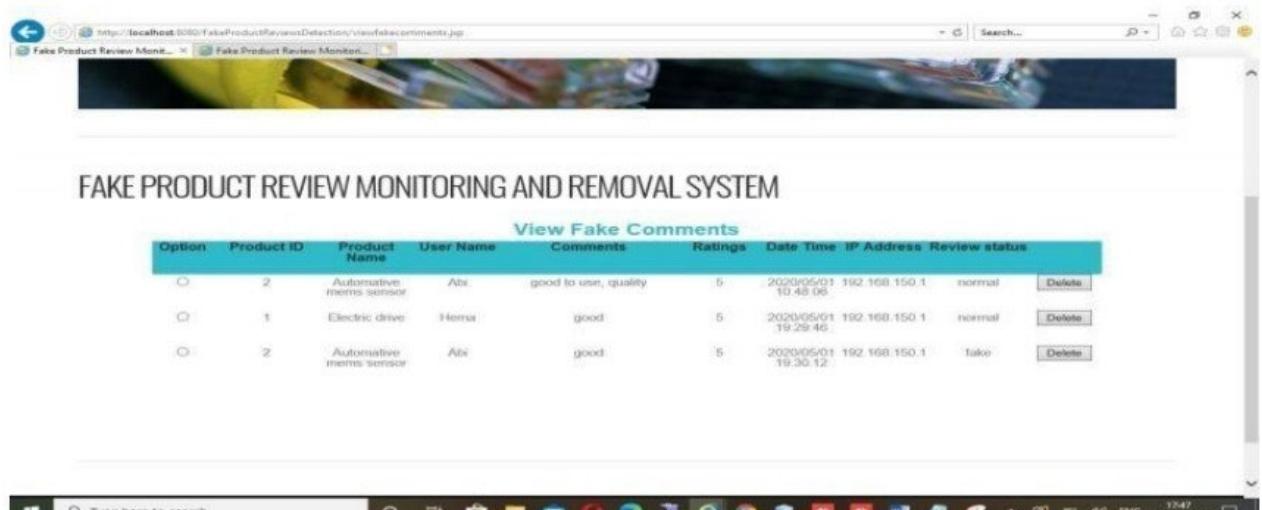


Fig.5.2.11.view reviews by admin



Fig.5.2.12.Deleting fake reviews

## **6.1 CONCLUSION**

Both positive and negative deviations in reviews and ratings may be detected using the suggested technique. It's simple to set up and use the system. It may also track users with the same IP address, avoiding the spread of misleading product information. The proposed system can evaluate the properties of a product review in the context in which it is provided, allowing it to accurately recognize authentic reviews. The efficiency of this system, as well as the ease with which it may be implemented and used, are its main advantages. The review analysis method in the systems may be easily monitored by the admin.

## **6.2 FUTURE ENHANCEMENT**

It is possible to eliminate the need for a product name in a specific product evaluation, however it will be challenging. After detecting the spammer account's pattern, the administrator must manually ban its IP address. Automatic blocking, on the other hand, may be conceivable in the future scope of the system.

## REFERENCES

- [1] Yuejun Li, Xiao Feng, Shuwu Zhang, "Detecting Fake Reviews Utilizing Semantic and Emotion Model" IEEE- 2016 .
- [2] Kolli Shivagangadhar, Sagar H, SohanSathyan, Vanipriya C.H , "Fraud Detection in Online Reviews using Machine Learning Techniques." IJCER-2015.
- [3] Sushant Kokate, Bharat Tidke, "Fake Review and Brand Spam Detection using J48 Classifier." IJCSIT, 2015.
- [4] Amir Karam, Bin Zhou, "Online Review Spam Detection by New Linguistic Features." UNIVERSITY OF MARYLAND BALTIMORE COUNTY"15 .
- [5] Kolhe N.M., Joshi M.M.Jadhav A.B., Abhang P.D., "Fake Reviewer Groups" Detection System." IOSR-JCE 2014.
- [6] Kaushik Varadha Rajan, Nivasse Ajagane, Shubham Srivastav, "Evaluating Performance of Semi-Supervised Self Training in Identifying Fake Reviews," North Carolina State University , Raleigh NC 27606, USA

## SOURCE CODE

index.php

```
<?php
    session_start();
    error_reporting(0);
    include('includes/config.php');
    if(isset($_GET['action']) && $_GET['action']=="add"){
        $id=intval($_GET['id']);
        if(isset($_SESSION['cart'][$id])){
            $_SESSION['cart'][$id]['quantity]++;
        }else{
            $sql_p="SELECT * FROM products WHERE id={$id}";
            $query_p=mysqli_query($con,$sql_p);
            if(mysqli_num_rows($query_p)!=0){
                $row_p=mysqli_fetch_array($query_p);
                $_SESSION['cart'][$row_p['id']] = array("quantity" => 1, "price" =>
$row_p['productPrice']);
                header('location:index.php');
            }else{
                $message="Product ID is invalid";
            }
        }
    }

    ?>
<!DOCTYPE html>
<html lang="en">
<head>

<meta charset="utf-8">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=no">
<meta name="description" content="">
<meta name="author" content="">
<meta name="keywords" content="MediaCenter, Template, eCommerce">
<meta name="robots" content="all">
<title>Spicy food Home Page</title>

<link rel="stylesheet" href="assets/css/bootstrap.min.css">

<link rel="stylesheet" href="assets/css/main.css">
<link rel="stylesheet" href="assets/css/green.css">
<link rel="stylesheet" href="assets/css/owl.carousel.css">
<link rel="stylesheet" href="assets/css/owl.transitions.css">
<!--<link rel="stylesheet" href="assets/css/owl.theme.css">-->
<link href="assets/css/lightbox.css" rel="stylesheet">
```

```

<link rel="stylesheet" href="assets/css/animate.min.css">
<link rel="stylesheet" href="assets/css/rateit.css">
<link rel="stylesheet" href="assets/css/bootstrap-select.min.css">
<!-- Demo Purpose Only. Should be removed in production --&gt;
&lt;link rel="stylesheet" href="assets/css/config.css"&gt;
&lt;link href="assets/css/green.css" rel="alternate stylesheet" title="Green color"&gt;
&lt;link href="assets/css/blue.css" rel="alternate stylesheet" title="Blue color"&gt;
&lt;link href="assets/css/red.css" rel="alternate stylesheet" title="Red color"&gt;
&lt;link href="assets/css/orange.css" rel="alternate stylesheet" title="Orange color"&gt;
&lt;link href="assets/css/dark-green.css" rel="alternate stylesheet" title="Darkgreen color"&gt;
&lt;link rel="stylesheet" href="assets/css/font-awesome.min.css"&gt;
&lt;link href='http://fonts.googleapis.com/css?family=Roboto:300,400,500,700' rel='stylesheet'
type='text/css'&gt;
<!-- Favicon --&gt;
&lt;link rel="shortcut icon" href="assets/images/favicon.ico"&gt;
&lt;/head&gt;
&lt;body class="cnt-home"&gt;
&lt;!-- ===== HEADER --&gt;
&lt;header class="header-style-1"&gt;
&lt;?php include('includes/top-header.php');?&gt;
&lt;?php include('includes/main-header.php');?&gt;
&lt;?php include('includes/menu-bar.php');?&gt;
&lt;/header&gt;
&lt;!-- ===== HEADER : END --&gt;
&lt;div class="body-content outer-top-xs" id="top-banner-and-menu"&gt;
&lt;div class="container"&gt;
&lt;div class="furniture-container homepage-container"&gt;
&lt;div class="row"&gt;
&lt;div class="col-xs-12 col-sm-12 col-md-3 sidebar"&gt;
&lt;!-- ===== TOP NAVIGATION --&gt;
&lt;?php include('includes/side-menu.php');?&gt;
&lt;!-- ===== TOP NAVIGATION : END --&gt;
&lt;/div&gt;
&lt;!-- /.sidemenu-holder --&gt;
&lt;div class="col-xs-12 col-sm-12 col-md-9 homebanner-holder"&gt;
&lt;!-- ===== SECTION – HERO --&gt;
&lt;div id="hero" class="homepage-slider3"&gt;
&lt;div id="owl-main" class="owl-carousel owl-inner-nav owl-ui-sm"&gt;
&lt;div class="full-width-slider"&gt;
&lt;div class="item" style="background-image: url(assets/images/sliders/slider1.png);"&gt;
&lt;!-- /.container-fluid --&gt;
&lt;/div&gt;
&lt;!-- /.item --&gt;
&lt;/div&gt;
&lt;!-- /.full-width-slider --&gt;
&lt;div class="full-width-slider"&gt;
&lt;div class="item full-width-slider" style="background-image:
url(assets/images/sliders/slider2.png);"&gt;
&lt;/div&gt;
&lt;!-- /.item --&gt;
&lt;/div&gt;
</pre>

```

```

<link rel="stylesheet" href="assets/css/animate.min.css">
<link rel="stylesheet" href="assets/css/rateit.css">
<link rel="stylesheet" href="assets/css/bootstrap-select.min.css">
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<link rel="stylesheet" href="assets/css/config.css">
<link href="assets/css/green.css" rel="alternate stylesheet" title="Green color">
<link href="assets/css/blue.css" rel="alternate stylesheet" title="Blue color">
<link href="assets/css/red.css" rel="alternate stylesheet" title="Red color">
<link href="assets/css/orange.css" rel="alternate stylesheet" title="Orange color">
<link href="assets/css/dark-green.css" rel="alternate stylesheet" title="Darkgreen color">
<link rel="stylesheet" href="assets/css/font-awesome.min.css">
<link href='http://fonts.googleapis.com/css?family=Roboto:300,400,500,700' rel='stylesheet'
type='text/css'>
<!-- Favicon -->
<link rel="shortcut icon" href="assets/images/favicon.ico">
</head>
<body class="cnt-home">
<!-- ===== HEADER -->
<header class="header-style-1">
<?php include('includes/top-header.php');?>
<?php include('includes/main-header.php');?>
<?php include('includes/menu-bar.php');?>
</header>
<!-- ===== HEADER : END -->
<div class="body-content outer-top-xs" id="top-banner-and-menu">
<div class="container">
<div class="furniture-container homepage-container">
<div class="row">
<div class="col-xs-12 col-sm-12 col-md-3 sidebar">
<!-- ===== TOP NAVIGATION -->
<?php include('includes/side-menu.php');?>
<!-- ===== TOP NAVIGATION : END -->
</div>
<!-- /.sidemenu-holder -->
<div class="col-xs-12 col-sm-12 col-md-9 homebanner-holder">
<!-- ===== SECTION – HERO -->
<div id="hero" class="homepage-slider3">
<div id="owl-main" class="owl-carousel owl-inner-nav owl-ui-sm">
<div class="full-width-slider">
<div class="item" style="background-image: url(assets/images/sliders/slider1.png);">
<!-- /.container-fluid -->
</div>
<!-- /.item -->
</div>
<!-- /.full-width-slider -->
<div class="full-width-slider">
<div class="item full-width-slider" style="background-image:
url(assets/images/sliders/slider2.png);">
</div>
<!-- /.item -->
</div>

```

```

<!-- /.full-width-slider -->
</div>
<!-- /.owl-carousel -->
</div>
<!-- ===== SECTION – HERO : END
===== -->
<!-- ===== INFO BOXES
===== -->
<!-- ===== INFO BOXES : END
===== -->
</div>
<!-- /.homebanner-holder -->
</div>
<!-- /.row -->
<div class="sections prod-slider-small outer-top-small">
<div class="row">
<?php
    $category_query="SELECT * FROM `category` ORDER BY id DESC";
    $category_query_res=mysqli_query($con,$category_query);
    while ($category_query_row=mysqli_fetch_assoc($category_query_res)) {
        $ret=mysqli_query($con,"select * from products where
category='".$category_query_row['id']."'");

        if($ret->num_rows){
            if($category_query_res->num_rows){
                ?>
<div class="col-md-6">
<section class="section">
<h3 class="section-title"><?php
                echo $category_query_row['categoryName']; ?></h3>
<div class="owl-carousel homepage-owl-carousel custom-carousel outer-top-xs owl-theme"
data-item="2">
<?php

                while ($row=mysqli_fetch_array($ret))
                {

                    ?>
<div class="item item-carousel">
<div class="products">
<div class="product">
<div class="product-image">
<div class="image">
<a href="product-details.php?pid=<?php echo htmlentities($row['id']);?>">/<?php echo htmlentities($row['productImage1']);?>" width="180"
height="300"></a>
</div>
<!-- /.image -->
</div>
<!-- /.product-image -->
<div class="product-info text-left">
<h3 class="name"><a href="product-details.php?pid=<?php echo
htmlentities($row['id']);?>"><?php echo htmlentities($row['productName']);?></a></h3>
<div class="rating rateit-small"></div>
<div class="description"></div>

```

```

<div class="product-price">
<span class="price">
    Rs. <?php echo htmlentities($row['productPrice']);?>
</span>
<span class="price-before-discount">Rs.<?php echo
htmlentities($row['productPriceBeforeDiscount']);?></span>
</div>
</div>
<div class="action"><a href="index.php?page=product&action=add&id=<?php echo $row['id'];?>" class="lnk btn btn-primary">Add to Cart</a></div>
</div>
</div>
<?php }?
</div>
</section>
</div>
<?php
    }
}
}
?>
</div>
</div>

<!-- ===== TABS : END
===== -->
<section class="section featured-product inner-xs wow fadeInUp">

</section>
<?php include('includes/brands-slider.php');?>
</div>
</div>
<?php include('includes/footer.php');?>
<script src="assets/js/jquery-1.11.1.min.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/js/bootstrap-hover-dropdown.min.js"></script>
<script src="assets/js/owl.carousel.min.js"></script>
<script src="assets/js/echo.min.js"></script>
<script src="assets/js/jquery.easing-1.3.min.js"></script>
<script src="assets/js/bootstrap-slider.min.js"></script>
<script src="assets/js/jquery.rateit.min.js"></script>
<script type="text/javascript" src="assets/js/lightbox.min.js"></script>
<script src="assets/js/bootstrap-select.min.js"></script>
<script src="assets/js/wow.min.js"></script>
<script src="assets/js/scripts.js"></script>
<!-- For demo purposes – can be removed on production -->
<script src="switchstylesheet/switchstylesheet.js"></script>
<script>
    $(document).ready(function(){
        $(".changecolor").switchstylesheet( { separator:"color" } );
        $('.show-theme-options').click(function(){
            $(this).parent().toggleClass('open');
            return false;
        });
    });

```

```

$(window).bind("load", function() {
    $('.show-theme-options').delay(2000).trigger('click');
});
</script>
<!-- For demo purposes – can be removed on production : End -->
</body>
</html>

```

Bill-ship-addresses.php

```

<?php
session_start();
//error_reporting(0);
include('includes/config.php');
if(strlen($_SESSION['login'])==0)
{
header('location:index.php');
}
else{
    // code for billing address updation
    if(isset($_POST['update']))
    {
        $baddress=$_POST['billingaddress'];
        $bstate=$_POST['bilingstate'];
        $bcity=$_POST['billingcity'];
        $bpincode=$_POST['billingpincode'];
        $query=mysqli_query($con,"update users set
        billingAddress='$baddress',billingState='$bstate',billingCity='$bcity',billingPincode='$bpincode'
        where id='".$_SESSION['id']."'");

        if($query)
        {
echo "<script>alert('Billing Address has been updated');</script>";
        }
    }

    // code for Shipping address updation
    if(isset($_POST['shipupdate']))
    {
        $saddress=$_POST['shippingaddress'];
        $sstate=$_POST['shippingstate'];
        $scity=$_POST['shippingcity'];
        $spincode=$_POST['shippingpincode'];
        $query=mysqli_query($con,"update users set
        shippingAddress='$saddress',shippingState='$sstate',shippingCity='$scity',shippingPincode='$spincode'
        where id='".$_SESSION['id']."'");

        if($query)
        {
echo "<script>alert('Shipping Address has been updated');</script>";
        }
    }
}

```

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <!-- Meta -->
        <meta charset="utf-8">
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0, user-
scalable=no">
        <meta name="description" content="">
        <meta name="author" content="">
        <meta name="keywords" content="MediaCenter, Template, eCommerce">
        <meta name="robots" content="all">

        <title>My Account</title>

        <!-- Bootstrap Core CSS -->
        <link rel="stylesheet" href="assets/css/bootstrap.min.css">

        <!-- Customizable CSS -->
        <link rel="stylesheet" href="assets/css/main.css">
        <link rel="stylesheet" href="assets/css/green.css">
        <link rel="stylesheet" href="assets/css/owl.carousel.css">
            <link rel="stylesheet" href="assets/css/owl.transitions.css">
            <!--<link rel="stylesheet" href="assets/css/owl.theme.css">-->
            <link href="assets/css/lightbox.css" rel="stylesheet">
            <link rel="stylesheet" href="assets/css/animate.min.css">
            <link rel="stylesheet" href="assets/css/rateit.css">
            <link rel="stylesheet" href="assets/css/bootstrap-select.min.css">

        <!-- Demo Purpose Only. Should be removed in production -->
        <link rel="stylesheet" href="assets/css/config.css">

        <link href="assets/css/green.css" rel="alternate stylesheet" title="Green color">
        <link href="assets/css/blue.css" rel="alternate stylesheet" title="Blue color">
        <link href="assets/css/red.css" rel="alternate stylesheet" title="Red color">
        <link href="assets/css/orange.css" rel="alternate stylesheet" title="Orange
color">
        <link href="assets/css/dark-green.css" rel="alternate stylesheet" title="Darkgreen
color">
        <link rel="stylesheet" href="assets/css/font-awesome.min.css">
        <link href='http://fonts.googleapis.com/css?family=Roboto:300,400,500,700'
rel='stylesheet' type='text/css'>
        <link rel="shortcut icon" href="assets/images/favicon.ico">

    </head>
// CCode for Wishlist
if(isset($_GET['pid']) && $_GET['action']=="wishlist" ){
    if(strlen($_SESSION['login'])==0)
    {
        header('location:login.php');
    }
}
else<body class="cnt-home">
<header class="header-style-1">

        <!-- ===== TOP MENU
===== -->

```

```

<?php include('includes/top-header.php');?>
<!-- ===== TOP MENU : END -->
<?php include('includes/main-header.php');?>
<!-- ===== NAVBAR -->
<?php include('includes/menu-bar.php');?>
<!-- ===== NAVBAR : END -->

</header>
<!-- ===== HEADER : END -->
<div class="breadcrumb">
    <div class="container">
        <div class="breadcrumb-inner">
            <ul class="list-inline list-unstyled">
                <li><a href="#">Home</a></li>
                <li class='active'>Checkout</li>
            </ul>
        </div><!-- /.breadcrumb-inner -->
    </div><!-- /.container -->
</div><!-- /.breadcrumb -->

<div class="body-content outer-top-bd">
    <div class="container">
        <div class="checkout-box inner-bottom-sm">
            <div class="row">
                <div class="col-md-8">
                    <div class="panel-group checkout-steps" id="accordion">
                        <!-- checkout-step-01 -->
<div class="panel panel-default checkout-step-01">
    <!-- panel-heading -->
        <div class="panel-heading">
            <h4 class="unicase-checkout-title">
                <a data-toggle="collapse" class="" data-parent="#accordion" href="#collapseOne">
                    <span>1</span>Billing Address
                </a>
            </h4>
        </div>
    <!-- panel-heading -->
    <div id="collapseOne" class="panel-collapse collapse in">
        <!-- panel-body -->
        <div class="panel-body">
            <div class="row">
                <div class="col-md-12 col-sm-12 already-registered-login">
<?php
$query=mysqli_query($con,"select * from users where id='".$_SESSION['id']."'");

while($row=mysqli_fetch_array($query))
{
?>
```

```

<div class="form-group">
    <form class="register-form" role="form" method="post">
        <label class="info-title" for="Billing Address">Billing
        Address<span>*</span></label>
        <textarea class="form-control unicase-form-control text-
        input" name="billingaddress" required="required"><?php echo
        $row['billingAddress'];?></textarea>
    </div>

    <div class="form-group">
        <label class="info-title" for="Billing State ">Billing State
        <span>*</span></label>
        <input type="text" class="form-control unicase-form-control text-input"
        id="bilingstate" name="bilingstate" value=<?php echo $row['billingState'];?> required>
    </div>
    <div class="form-group">
        <label class="info-title" for="Billing City">Billing City
        <span>*</span></label>
        <input type="text" class="form-control unicase-form-control
        text-input" id="billingcity" name="billingcity" required="required" value=<?php echo
        $row['billingCity'];?>">
    </div>
    <div class="form-group">
        <label class="info-title" for="Billing Pincode">Billing
        Pincode <span>*</span></label>
        <input type="text" class="form-control unicase-form-control
        text-input" id="billingpincode" name="billingpincode" required="required" value=<?php echo
        $row['billingPincode'];?>">
    </div>

    <button type="submit" name="update" class="btn-upper
    btn btn-primary checkout-page-button">Update</button>
    </form>
    <?php } ?>
</div>
<!-- already-registered-login -->

</div>
</div>
<!-- panel-body -->

</div><!-- row -->
</div>
<!-- checkout-step-01 -->
<!-- checkout-step-02 -->
<div class="panel panel-default checkout-step-02">
    <div class="panel-heading">
        <h4 class="unicase-checkout-title">
            <a data-toggle="collapse" class="collapsed" data-
            parent="#accordion" href="#collapseTwo">
                <span>2</span>Shipping Address
            </a>
        </h4>

```

```

                </div>
                <div id="collapseTwo" class="panel-collapse
collapse">
                <div class="panel-body">

                    <?php
$query=mysqli_query($con,"select * from users where id='".$_SESSION['id']."'");

while($row=mysqli_fetch_array($query))
{
?>

                    <form class="register-form" role="form" method="post">
<div class="form-group">
<label class="info-title" for="Shipping Address">Shipping
Address<span>*</span></label>
<textarea class="form-control uncase-form-control text-
input" name="shippingaddress" required="required"><?php echo
$row['shippingAddress'];?></textarea>
</div>

                    <div class="form-group">
<label class="info-title" for="Billing State ">Shipping State
<span>*</span></label>
<input type="text" class="form-control uncase-form-control text-input"
id="shippingstate" name="shippingstate" value=<?php echo $row['shippingState'];?>
required>
</div>
<div class="form-group">
<label class="info-title" for="Billing City">Shipping City
<span>*</span></label>
<input type="text" class="form-control uncase-form-control
text-input" id="shippingcity" name="shippingcity" required="required" value=<?php echo
$row['shippingCity'];?>">
</div>
<div class="form-group">
<label class="info-title" for="Billing Pincode">Shipping
Pincode <span>*</span></label>
<input type="text" class="form-control uncase-form-control
text-input" id="shippingpincode" name="shippingpincode" required="required" value=<?php
echo $row['shippingPincode'];?>">
</div>

                    <button type="submit" name="shipupdate" class="btn-
upper btn btn-primary checkout-page-button">Update</button>
</form>
<?php } ?>

                </div>
                </div>
                </div>

```

```

        <!-- checkout-step-02 -->

            </div><!-- /.checkout-steps -->
        </div>
        <?php include('includes/myaccount-sidebar.php');?>
    </div><!-- /.row -->
</div><!-- /.checkout-box -->
<?php include('includes/brands-slider.php');?>

</div>
</div>
<?php include('includes/footer.php');?>
<script src="assets/js/jquery-1.11.1.min.js"></script>

<script src="assets/js/bootstrap.min.js"></script>

<script src="assets/js/bootstrap-hover-dropdown.min.js"></script>
<script src="assets/js/owl.carousel.min.js"></script>

<script src="assets/js/echo.min.js"></script>
<script src="assets/js/jquery.easing-1.3.min.js"></script>
<script src="assets/js/bootstrap-slider.min.js"></script>
<script src="assets/js/jquery.rateit.min.js"></script>
<script type="text/javascript" src="assets/js/lightbox.min.js"></script>
<script src="assets/js/bootstrap-select.min.js"></script>
<script src="assets/js/wow.min.js"></script>
    <script src="assets/js/scripts.js"></script>

    <!-- For demo purposes – can be removed on production -->
<script src="switchstylesheet/switchstylesheet.js"></script>

<script>
    $(document).ready(function(){
        $(".changecolor").switchstylesheet( { seperator:"color" } );
        $('.show-theme-options').click(function(){
            $(this).parent().toggleClass('open');
            return false;
        });
    });

    $(window).bind("load", function() {
        $('.show-theme-options').delay(2000).trigger('click');
    });
</script>
</body>
</html>
<?php } ?>

```