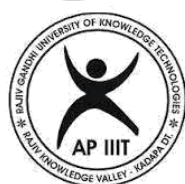


“COMPUTERIZED TRADING”

BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE AND ENGINEERING



RGUKT

**Rajiv Gandhi University of Knowledge Technologies
R.K.VALLEY**

Submitted by

B Pavani - R170874

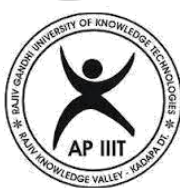
**Under the Esteemed guidance
of Mrs. Sravani V
RGUKT RK Valley.**

DECLARATION

We hereby declare that the report of the B.Tech Major Project Work entitled “**COMPUTERIZED TRADING**” which is being submitted to Rajiv Gandhi University of Knowledge Technologies, RK Valley, in partial fulfillment of the requirements for the award of Degree of Bachelor of Technology in Computer Science and Engineering, is a bonafide report of the work carried out by us. The material contained in this report has not been submitted to any university or institution for award of any degree.

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RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES



RGUKT

(A.P.Government Act 18 of 2018)

RGUKT, RK VALLEY

Department of Computer Science and Engineering

CERTIFICATE FOR PROJECT COMPLETION

This is to certify that the project entitled “**COMPUTERIZED TRADING**” submitted by **B. Pavani (R170874)** our guidance and supervision for the partial fulfillment for the degree Bachelor of Technology in Computer Science and Engineering during the fourth year academic semester-2 2022-2023 at RGUKT, RK VALLEY. To the best of my knowledge, the results embodied in this dissertation work have not been submitted to any University or Institute for the award of any degree or diploma.

Project Internal Guide

Mrs. Sravani V
Assistant Professor
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ABSTRACT

“COMPUTERIZED TRADING” is an Website for purchasing electronic Gadgets. This application allows users to select products from various categories like different companies to different prices and characteristics. This application is completely user friendly and secure provides easy purchasing with an aim of “ making everyone to buy products ”.This web application is designed for users who don’t want to go for offline purchasing. This web app allows user to add product to the cart which they like and want to buy it. In any category of their choice at any time and place. User of the web app can add how many products they want efficiently according to their genre. It is tedious to go each and every shop to buy what you want to buy from best selling companies around the world with this web app. You will be just one click away from a fantastical purchasing experience!!

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COMPUTERIZED TRADING SRS DOCUMENT

Introduction:

This document has the requirements of Online Purchasing. The Computerized Trading app is used to buy Electronic products .

1.1 :Purpose

The purpose of this document is to gather the requirements that are needed for implementing the e – commerce website. It also focuses on various key features, the product, product vision and scope, product overview. The main purpose of Computerized Trading is to provide a platform to the user to buy products virtually.

1.2 :Intended Audience:

The intended audience will be the users who buy the product from various categories which are uploaded by different companies around the world.

Users:

1. User
2. Companies

Product Vision:

Vision Statement:

The product vision is to cater to various customers with products that are easily available. This web app is user friendly and easily accessible. Computerized Trading provides products from various genres and the user can read at anytime and anywhere.

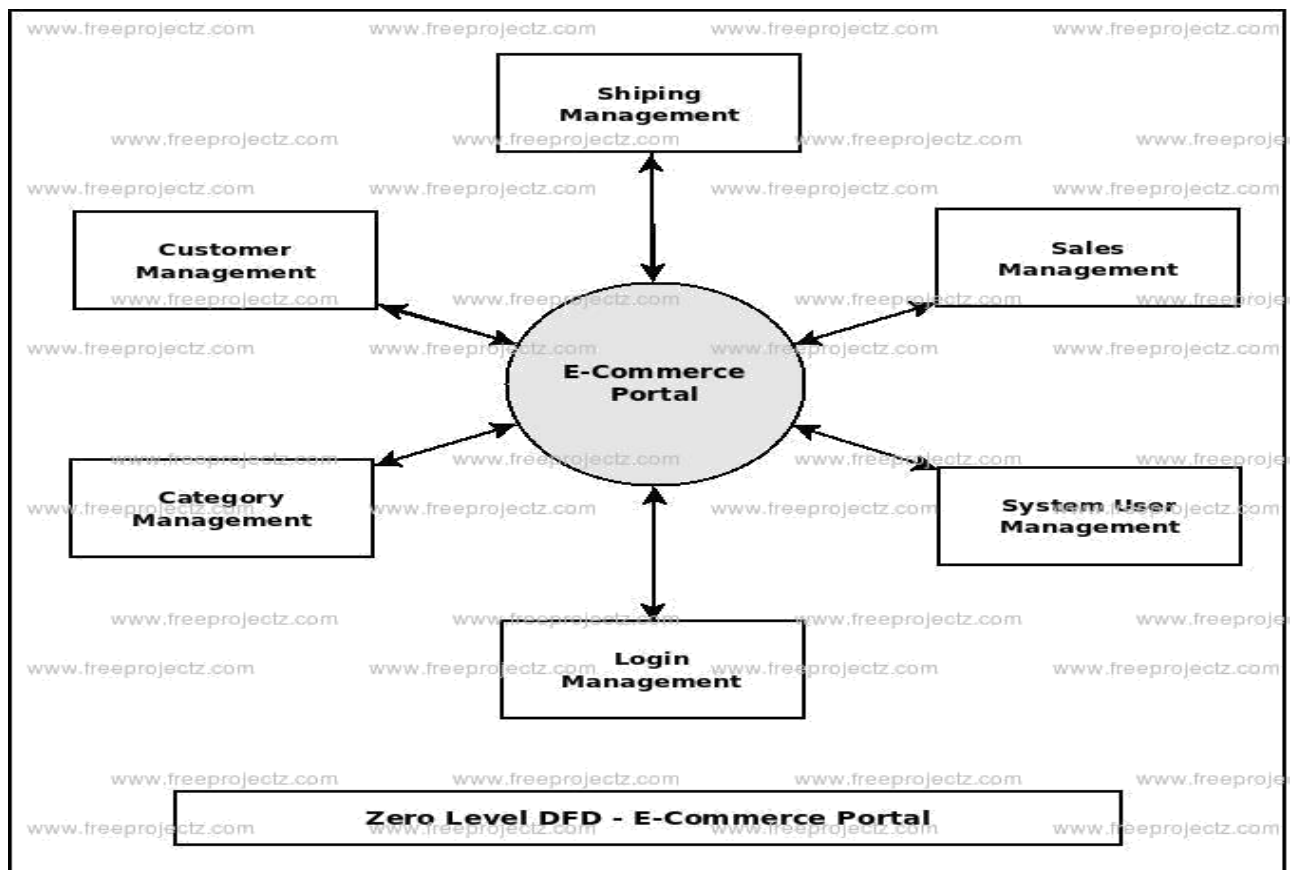
Technologies:

- Visual Studio code
- Front End :- HTML & CSS, JavaScript, Boot Strap, PHP
- Back End:- My SQL, jQuery

SYSTEM IN CONTEXT

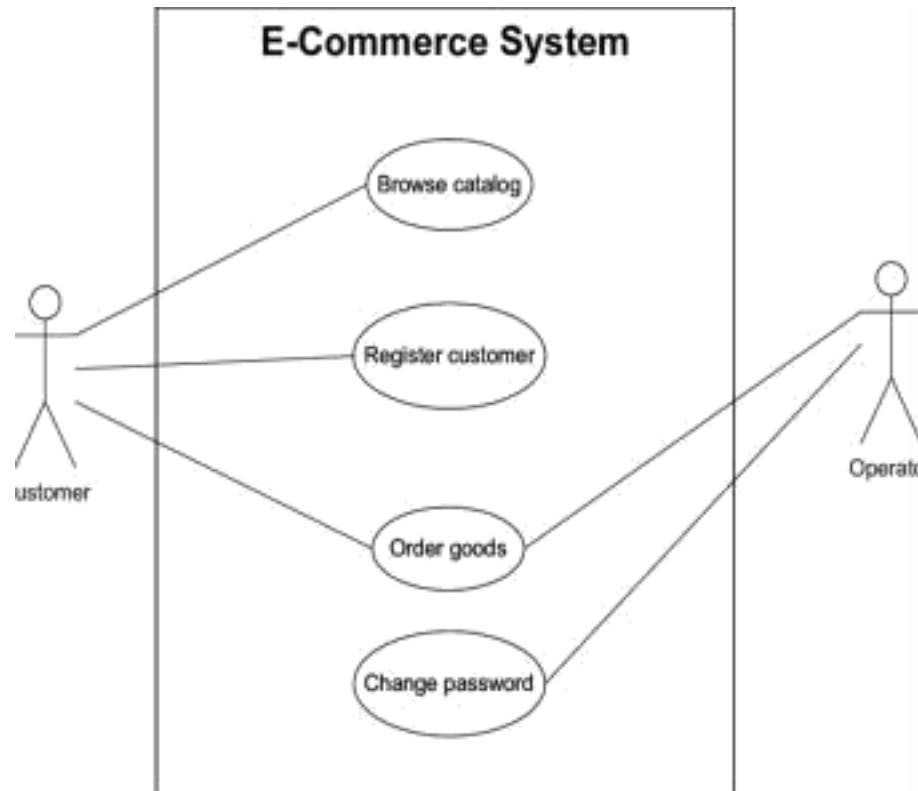
The provides different categories of books to the reader. User can see the recent releases of books which are updated by admin and can read books at anytime and anywhere. This app reduces the burden of carrying books by simply read any book with a single touch.

Context Diagram:

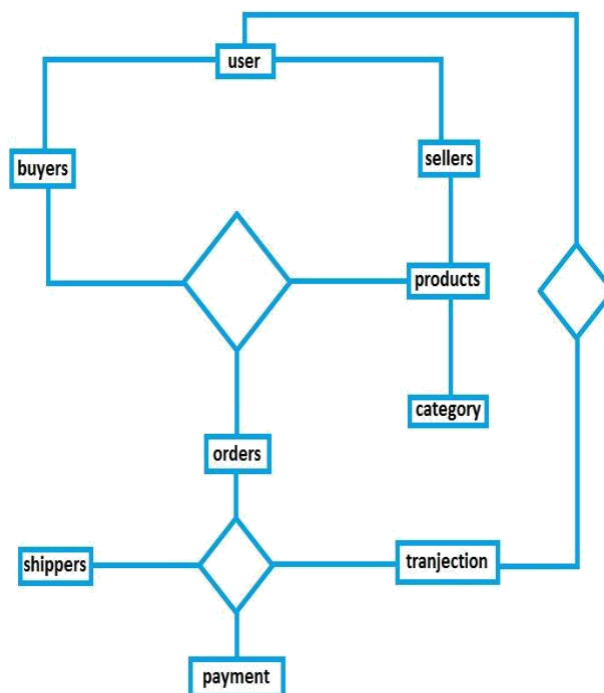


FUNCTIONAL REQUIREMENTS

Use case Diagram:



ER Diagram:



Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

1. Unit testing
- 2 .Integration testing

Unit Testing

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require The procedures belonging to other units that the unit under test calls Non local data structures that module accesses .A procedure to call the functions of the unit under test with appropriate parameters

1. Test for the admin module

Testing admin login form-This form is used for log in of administrator of the system. In this form we enter the Email Id and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.

Integration Testing

In the Integration testing we test various combination of the project module by providing the input. The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

SOURCE CODE

1.Register:

```
<?php
    require("includes/common.php");

    if (isset($_SESSION['email'])) {
        header('location: products.php');
    }
    ?>
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Sign Up | E-Store.com</title>
    <link rel="shortcut icon" href="./img/srtcticon.png" type="image/png">

    <meta name="viewport" content="width=device-width, initial-
scale=1"> <!-- Bootstrap Core CSS -->
    <link href="css/bootstrap.css" rel="stylesheet">
    <!-- Custom CSS -->
    <link href="css/style.css" rel="stylesheet">
    <!-- jQuery -->
    <script src="js/jquery.js"></script>
    <!-- Bootstrap Core JavaScript -->
    <script src="js/bootstrap.min.js"></script>
</head>
<body>
    <?php include "includes/header.php"; ?>
    <div class="container">
        <div class="row">
            <div class="col-sm-7">
                
            </div>
            <div class="col-sm-5">
                <h2 style="color:orange">SIGN UP</h2>
                <form action="signup_script.php" method="POST">
                <div class="form-group col-sm-10">
                    <input class="form-control" placeholder="Name"
name="name" pattern="[A-Za-z-0-9]+\s[A-Za-z-'0-9]+" required>
                </div>
                <div class="form-group col-sm-10">
                    <input type="email" class="form-control" placeholder="Email"
pattern="[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$" name="email" required> <?php

if(isset($_GET["m1"])){
    echo $_GET['m1'];
}
?>
</div>
```

```

        <div class="form-group col-sm-10">
            <input type="password" class="form-control" placeholder="Password"
pattern=".{6,}" name="password" required>
        </div>
        <div class="form-group col-sm-10">
            <input type="text" class="form-control" placeholder="Contact" maxlength="10"
size="10" name="contact" required>
            <?php
                if(isset($_GET["m2"])){
                    echo $_GET['m2'];
                }
            ?>
        </div>
        <div class="form-group col-sm-10">
            <input type="text" class="form-control" placeholder="City" name="city" >
        </div>
        <div class="form-group col-sm-10">
            <input type="text" class="form-control" placeholder="Address" name="address" >
        </div>

        <div class="col-sm-10">
            <button type="submit" name="submit" class="btn btn-
primary">Submit</button> </div>
            <div class="col-sm-10">Already have an account ?<a href="login.php">
Login</a> </div>
        </form>
    </div>
</div>
    <?php include "includes/footer.php"; ?>
</body>
</html>

```

2.Login:

```

<?php
require("includes/common.php");
$email = $_POST['e-mail'];
$email = mysqli_real_escape_string($con, $email);
$password = $_POST['password'];
$password = mysqli_real_escape_string($con,
$password); $password = MD5($password);
// Query checks if the email and password are present in the database.
$query = "SELECT id, email FROM users WHERE email='" . $email . "' AND password='" .
$password . "'";
$result = mysqli_query($con, $query)or
die(mysqli_error($con)); $num = mysqli_num_rows($result);
// If the email and password are not present in the database, the
mysqli_num_rows returns 0, it is assigned to $num.
if ($num == 0) {
    $error = $_GET['error'];
}

```

```

$error = "<span class='red'>Enter Correct E-mail and Password  
Combination</span>"; header('location: login.php?error=' . $error);
} else {
    $row = mysqli_fetch_array($result);
    $_SESSION['email'] = $row['email'];
    $_SESSION['user_id'] = $row['id'];
    header('location: products.php');
}
?>

```

3.products:

```

<?php
include "includes/common.php"
?>
<!DOCTYPE html>

<html>

<head>
    <title>Mobile | E-Store.com</title>
    <link rel="shortcut icon" href="img\srtcticon.png" type="image/png">

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="css/bootstrap.css"
        rel="stylesheet"> <!-- Custom CSS -->
    <link href="css/style.css"
        rel="stylesheet"> <!-- jQuery -->
    <script src="js/jquery.js"></script>
    <!-- Bootstrap Core JavaScript -->
    <script src="js/bootstrap.min.js"></script>

</head>

<body style="padding-top: 50px;">
    <!-- Header file -->
    <?php
        include 'includes/header.php';
        include 'includes/check-if-added.php';
        include 'includes/modal.php';
    ?>

    <br>
    <br>

    <div class="container">
        <!-- Jumbotron Header -->
        <div class="jumbotron home-spacer" id="products-jumbotron">
            <center><h1>Welcome to our E-Store</h1>

```

<p>We have the best Mobile phone from Biggest Brands for you. No need to hunt around, we have all in one place.</p>

</center>

</div>

<hr>

<div class="row">

<div class="col-sm-3" >

<div class="panel-group">

<div class="panel panel-default">

<div class="panel-heading color">

<h3 style="color:orange">Brands</h3>

</div>

<div class="panel-body">

<div class="rmvb">

<p><span

style="color:black">APPLE</p>

<p><span

style="color:black">SAMSUNG</p>

<p><span

style="color:black">ONEPLUS</p>

<p><span

style="color:black">XIAOMI</p>

</div>

</div>

</div>

<div class="panel panel-default">

<div class="panel-heading color">

<h3 style="color:orange">Operating System</h3>

</div>

<div class="panel-body">

<div class="rmvb">

<p><span

style="color:black">ANDROID</p>

<p><span

style="color:black">IOS</p>

</div>

</div>

</div>

</div>

</div>

<div class="col-sm-9 text-center">

<div class="panel-group">

```

<!-------featured phone--
----->
<div class="panel panel-default">
    <div class="panel-heading color">
        <h3 style="color:orange">Featured
        Mobile</h3> </div>

    <div class="panel-body">
        <div class="col-sm-4 home-feature">
            <div class="thumbnail">
                
                <div class="caption">
                    <h3>iPhone X</h3>
                    <p>Price: Rs. 36000.00 </p>
                    <?php if (!isset($_SESSION['email'])) {
?>
                        <p><a href= "#" data-toggle="modal" data-
target="#loginmodal" role="button" class="btn btn-primary btn-block">Buy Now</a></p>
                        <?php
                    } else {
                        if (check_if_added_to_cart(4)) {
echo '<a href="#" class="btn btn-block btn-success" disabled>Added to cart</a>';
                    } else
                    { ?>
                        <a href="cart-add.php?id=4" name="add"
value="add" class="btn btn-block btn-primary">Add to
                        cart</a> <?php
                    }
                }
            }
        }
    }
    </div>
</div>

    <div class="col-sm-4 home-feature">
        <div class="thumbnail">
            
            <div class="caption">
                <h3>Galaxy S8 PLUS</h3>
                <p>Price: Rs. 36000.00 </p>
                <?php if (!isset($_SESSION['email'])) {
?>
                    <p><a href= "#" data-toggle="modal" data-
                        role="button"
target="#loginmodal"
                    class="btn btn-primary btn-block">Buy Now</a></p>
                    <?php
                } else {
                    if (check_if_added_to_cart(6)) {
                        echo '<a href="#" class="btn btn-block
btn-success" disabled>Added to cart</a>';
                    } else {

```

```

        ?>
        <a href="cart-add.php?id=6" name="add"
value="add" class="btn btn-block btn-primary">Add to
        cart</a> <?php
        }
    }
    ?>
</div>
</div>
</div>

<div class="col-sm-4 home-feature">
    <div class="thumbnail">
        
        <div class="caption">
            <h3>OnePlus 5T</h3>
            <p>Price: Rs. 36000.00 </p>
            <?php if (!isset($_SESSION['email'])) {
?>

                <p><a href= "#" data-toggle="modal" data-
target="#loginmodal"                      role="button"
                class="btn btn-primary btn-block">Buy Now</a></p>
                <?php
                } else {

                    if (check_if_added_to_cart(12)) {
                        echo '<a href="#" class="btn btn-block
btn-success" disabled>Added to cart</a>';
                    } else
                    { ?>
                        <a href="cart-add.php?id=12" name="add"
value="add" class="btn btn-block btn-primary">Add to
                        cart</a> <?php
                        }
                    }
                ?>
            </div>
        </div>
    </div>
</div>

<div class="col-sm-4 home-feature">
    <div class="thumbnail">
        
        <div class="caption">
            <h3>Mi Mix 2</h3>
            <p>Price: Rs. 36000.00 </p>
            <?php if (!isset($_SESSION['email'])) {
?>

                <p><a href= "#" data-toggle="modal" data-
target="#loginmodal"                      role="button"
                class="btn btn-primary btn-block">Buy Now</a></p>
                <?php

```

```

    } else {

        if (check_if_added_to_cart(16)) {
            echo '<a href="#" class="btn btn-block
btn-success" disabled>Added to cart</a>';
        } else
        { ?>
            <a href="cart-add.php?id=16" name="add"
value="add" class="btn btn-block btn-primary">Add to
cart</a> <?php
            }
        }
    }
    ?>
</div>
</div>
</div>
</div>
</div>

<!-------iphone-----
----->
<div class="panel panel-default">
    <div class="panel-heading color">
        <h3 id="ios"
style="color:orange">apple</h3> </div>

    <div class="panel-body">
        <div class="col-sm-4 home-feature">
            <div class="thumbnail">
                
                <div class="caption">
                    <h3>iPhone X</h3>
                    <p>Price: Rs. 88000.00 </p>
                    <?php if (!isset($_SESSION['email'])) {
?>
                        <p><a href= "#" data-toggle="modal" data-
role="button"
target="#loginmodal"
class="btn btn-primary btn-block">Buy Now</a></p>
                    <?php
                    } else
                    if (check_if_added_to_cart(4)) { //This is same as
if(check_if_added_to_cart != 0)
                        echo '<a href="#" class="btn btn-block
btn-success" disabled>Added to cart</a>';
                    } else
                    { ?>
                        <a href="cart-add.php?id=4" name="add"
value="add" class="btn btn-block btn-primary">Add to
cart</a> <?php
                        }
                    }
                }
            }
        }
    }
}

```



```

        ?>
    </div>
</div>

<div class="col-sm-4 home-feature">
    <div class="thumbnail">
        
        <div class="caption">
            <h3>iPhone 7 PLUS</h3>
            <p>Price: Rs. 69000.00 </p>
            <?php if (!isset($_SESSION['email'])) {
?>

                <p><a href= "#" data-toggle="modal" data-
                    target="#loginmodal"                      role="button"
                    class="btn btn-primary btn-block">Buy Now</a></p>
                <?php
                } else {
                    if (check_if_added_to_cart(3)) {
echo '<a href="#" class="btn btn-block btn-success" disabled>Added to cart</a>';
                } else
                { ?>
                    <a href="cart-add.php?id=3" name="add"
value="add" class="btn btn-block btn-primary">Add to
                    cart</a> <?php
                    }
                }
            ?>
        </div>
    </div>
</div>

<div class="col-sm-4 home-feature">
    <div class="thumbnail">
         <div class="caption">
            <h3>iPhone 7</h3>
            <p>Price: Rs. 60000.00 </p>
            <?php if (!isset($_SESSION['email'])) {
?>

                <p><a href= "#" data-toggle="modal" data-
                    target="#loginmodal"                      role="button"
                    class="btn btn-primary btn-block">Buy Now</a></p>
                <?php
                } else {

                    if (check_if_added_to_cart(2))
                        echo '<a href="#" class="btn btn-block
btn-success" disabled>Added to cart</a>';
                } else
                { ?>

```

```

        <a href="cart-add.php?id=2" name="add"
value="add" class="btn btn-block btn-primary">Add to
        cart</a> <?php
            }
        }
    ?>
</div>
</div>
</div>

<div class="col-sm-4 home-feature">
    <div class="thumbnail">
         <div class="caption">
            <h3>iPhone 6S PLUS</h3>
            <p>Price: Rs. 40000.00 </p>
            <?php if (!isset($_SESSION['email'])) {
?>

                <p><a href= "#" data-toggle="modal" data-
                    role="button"
target="#loginmodal"
                    class="btn btn-primary btn-block">Buy Now</a></p>
                <?php
                } else {
                    if (check_if_added_to_cart(1)) {
                        echo '<a href="#" class="btn btn-block
btn-success" disabled>Added to cart</a>';
                    } else
                    { ?>
                        <a href="cart-add.php?id=1" name="add"
value="add" class="btn btn-block btn-primary">Add to
                        cart</a> <?php
                            }
                        }
                    ?>
                </div>
            </div>
        </div>
    </div>
</div>

```

4.Purchase product:

```

<?php
require("includes/common.php");
if (isset($_GET['id']) && is_numeric($_GET['id']))
{ $item_id = $_GET['id'];
  $user_id = $_SESSION['user_id'];
  $query = "INSERT INTO users_items(user_id, item_id, status)
VALUES('$user_id', '$item_id', 'Added to cart')";
  mysqli_query($con, $query) or die(mysqli_error($con));
  header('location: products.php');
}

```

```
}  
?>
```

5. Confirm order:

```
<?php  
function check_if_added_to_cart($item_id) {  
    $user_id = $_SESSION['user_id'];  
    require("common.php");  
    $query = "SELECT * FROM users_items WHERE item_id='$item_id' AND user_id='$user_id'  
and status='Added to cart'";  
    $result = mysqli_query($con, $query) or  
    die(mysqli_error($con)); if (mysqli_num_rows($result) >= 1) {  
        return 1;  
    } else {  
        return 0;  
    }  
}  
?  
?>
```

6. Remove from cart:

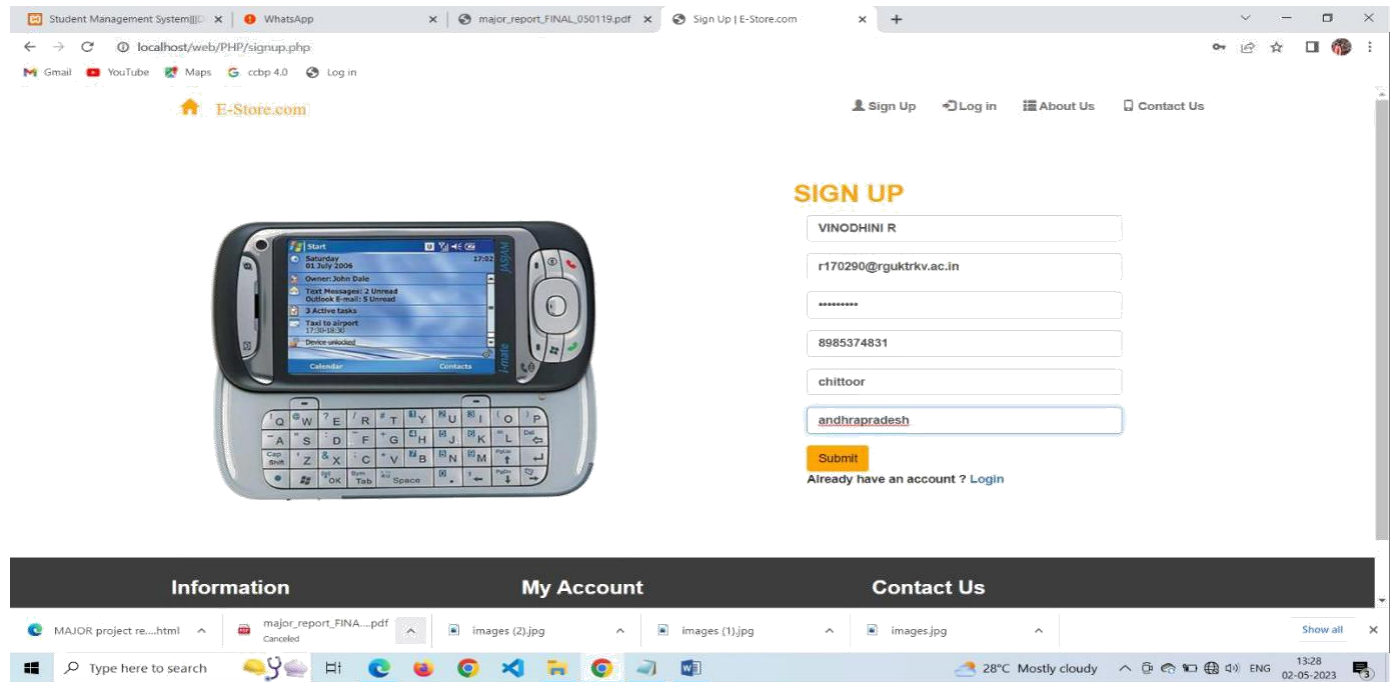
```
<?php  
  
require("includes/common.php");  
if (isset($_GET['id']) && is_numeric($_GET['id']))  
{ $item_id = $_GET["id"];  
  $user_id = $_SESSION['user_id'];  
  
  // Delete the rows from user_items table where item_id and user_id equal to  
the item_id and user_id we got from the cart page and session  
  $query = "DELETE FROM users_items WHERE item_id='$item_id' AND user_id='$user_id' ";  
  $res = mysqli_query($con, $query) or die(mysqli_error($con));  
  header("location:cart.php");  
}  
?  
?>
```

6. LogOut:

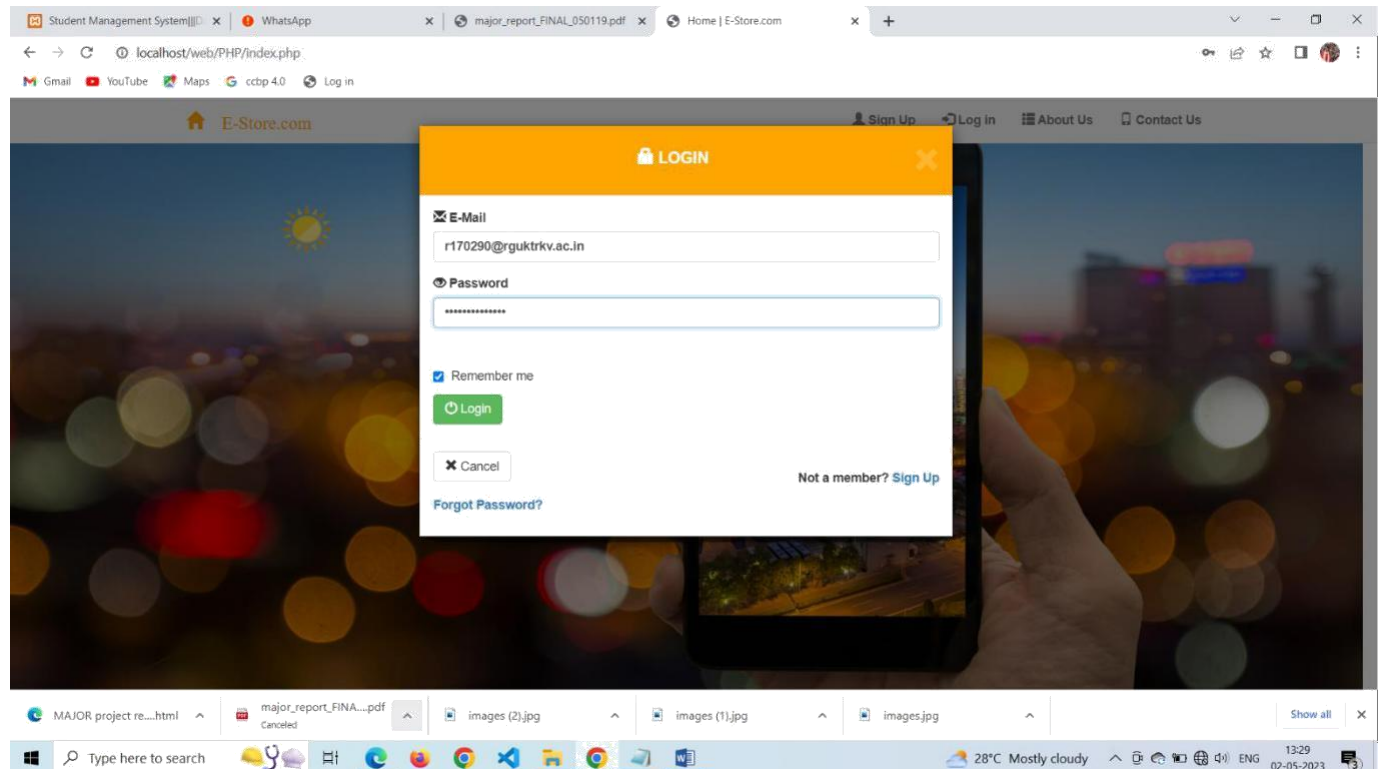
```
<?php  
session_start();  
if (!isset($_SESSION['email'])) {  
    header('location: login.php');  
}  
session_destroy();  
header('location: index.php');  
?  
?>
```

RESULT

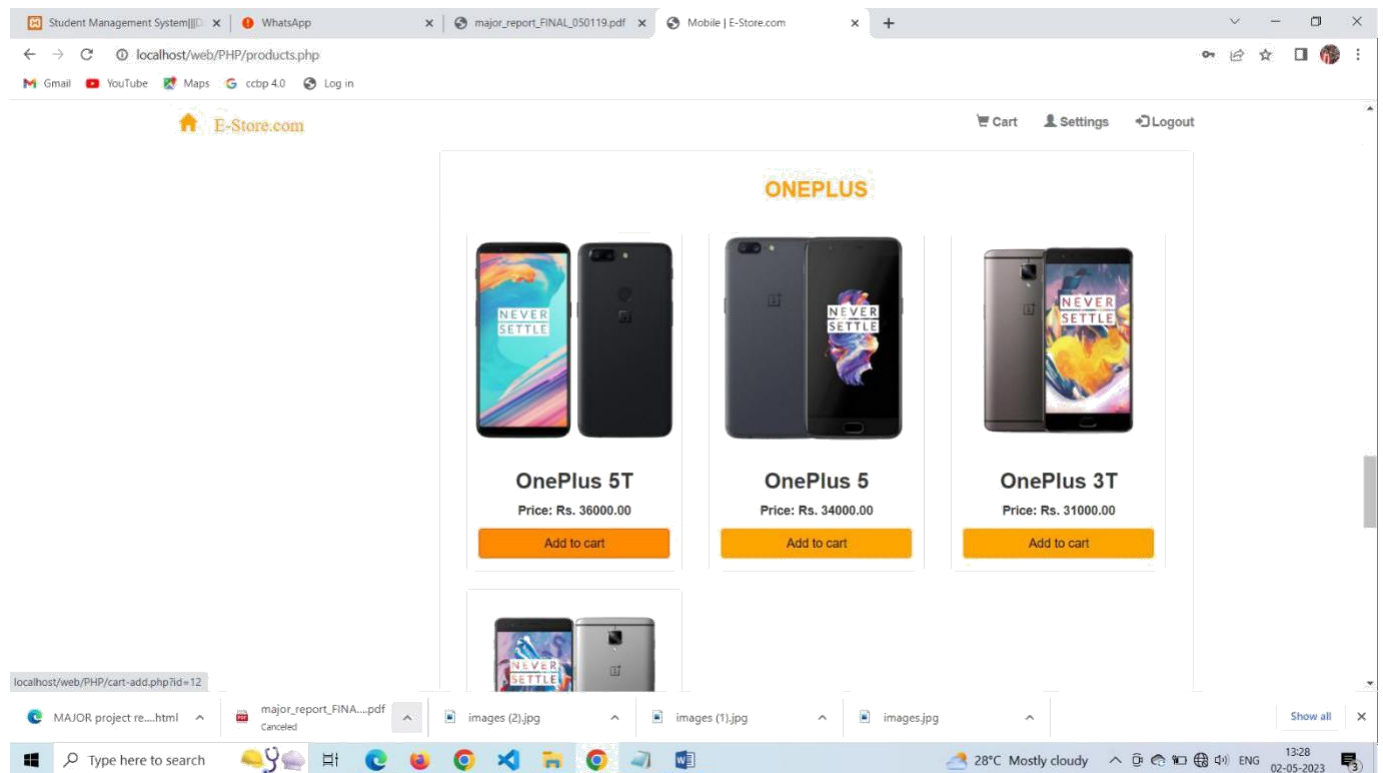
Sign-Up:



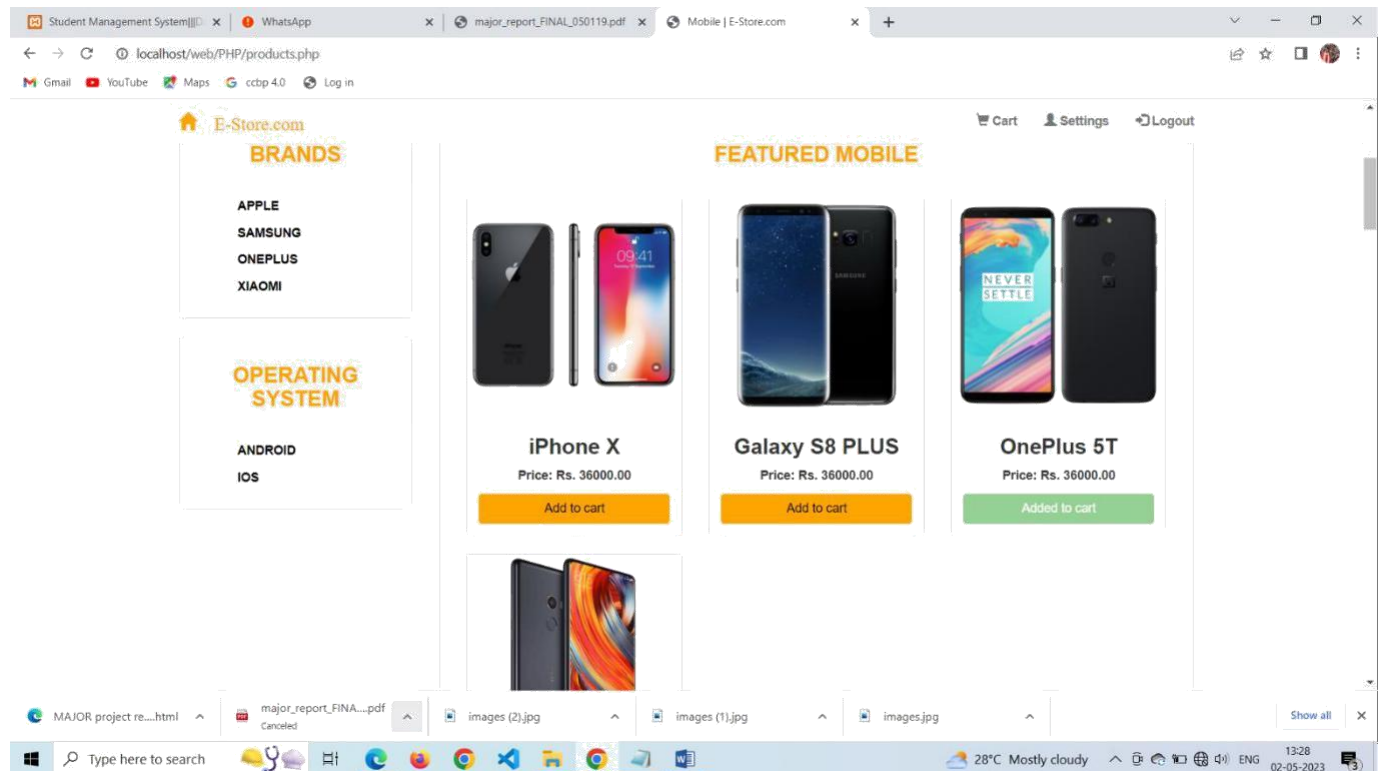
Login:



Home:



Purchase:



Confirm Order:

Student Management System

WhatsApp

major_report_FINAL_050119.pdf

Cart | Life Style Store

localhost/web/PHP/cart.php

Gmail YouTube Maps ccbp 4.0 Log in

E-Store.com

Cart Settings Logout

Item Number	Item Name	Price	
#12	Jhalsani	Rs 1300	X
Total		Rs 1300	<button>Confirm Order</button>

Information
About Us
Contact Us

My Account
Log In
Sign Up

Contact Us
CONTACT No. 8142394737
E-Store.com ©2023. All Rights Reserved.
[Made with ❤️ in India](#)

localhost/web/PHP/success.php?itemsid=12

MAJOR project re...html major_report_FINA...pdf Canceled images (2).jpg images (1).jpg images.jpg Show all X

Type here to search 28°C Mostly cloudy ENG 13:29 02-05-2023

Student Management System

WhatsApp

major_report_FINAL_050119.pdf

Success | Life Style Store

localhost/web/PHP/success.php?itemsid=12

Gmail YouTube Maps ccbp 4.0 Log in

E-Store.com

Cart Settings Logout

Your order is confirmed. Thank you for shopping with us.

Click [here](#) to purchase any other item.

OneDrive

Screenshot saved
The screenshot was added to your OneDrive.

MAJOR project re...html major_report_FINA...pdf Canceled images (2).jpg images (1).jpg images.jpg

Type here to search 28°C Mostly cloudy ENG 13:29 02-05-2023

ADVANTAGES OF PROPOSED SYSTEM

For Organization:-

- 1.using e commerce,organizations can expand their market to national and international market with maximum capital investment.An organizations can easily locate more customers,best suppliant and suitable business partners across the globe.
- 2)e-commerce helps organizations to reduce the cost to create process,distribute,retrieve and manage the paper based information by digitalised the information.
- 3)e-commerce improves the brand image of a company.
- 4)e-commerce help organization to provide better customer service.
- 5)e-commerce reduces the paperwork.

For Customers:-

- 1)It provides 24/7 support.customer can enquire about a product or service and place order any time,any where from any location.
- 2)e-commerce application provides users with more options to compare and select the cheaper and better options.
- 3) e-commerce helps in reducing the cost of products on occasions.
- 4)it provides readily available information.
- 5)customers need not to travel to shop a product, thus in traffic on road and air pollution.

CONCLUSION

An E-Commerce website is the one that allows people to buy and sell physical goods, services and digital products over the internet rather than at a brick-and-mortar location. Through an e-commerce website a business can process orders manage shipping and logistics and provide customer services.

REFERENCE

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- > HTML – GeeksforGeeks
- > CSS – GeeksforGeeks

PHP:-

- > <https://www.php.net>
- > PHP Tutorials – GeeksforGeeks

MySql:-

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