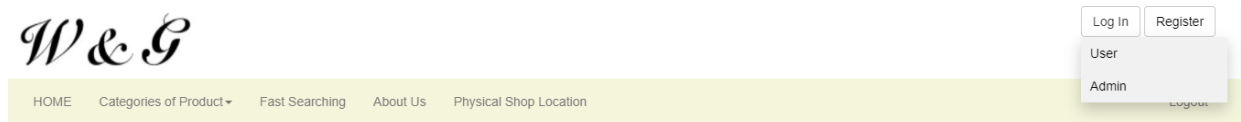
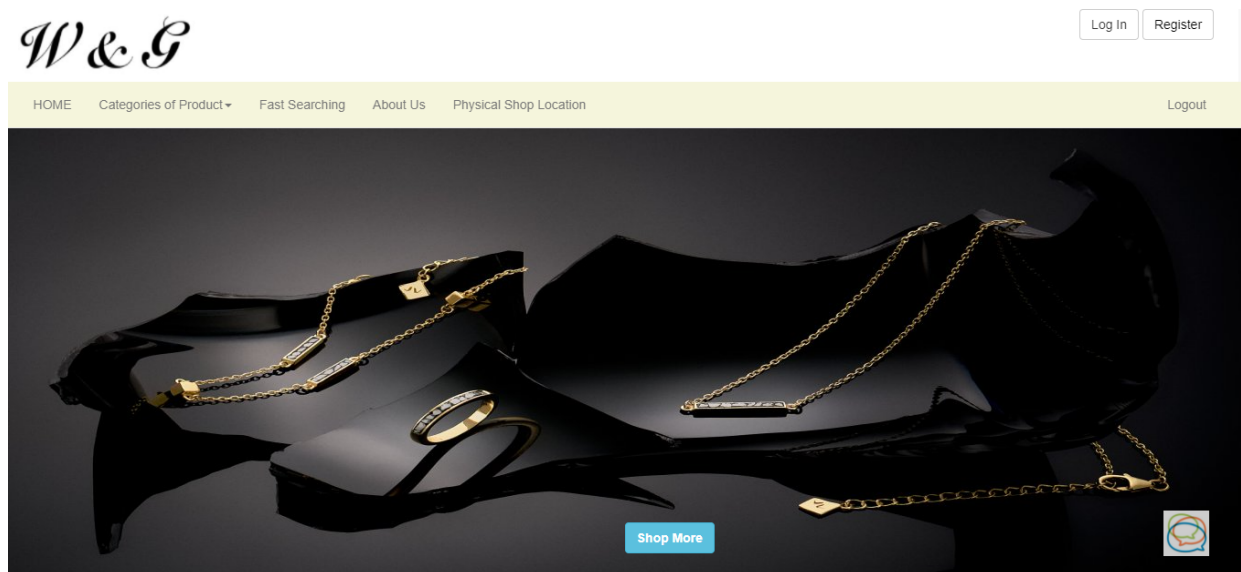


In this E-Commerce assignment the website that was designed by me is the jewelry shop. In the websites the products will be categorized into four different categories which are rings, necklaces, bracelets and pendants. In the home page which is called index.php in the assignment will be shown as the following image. From the following image the navigation is displayed on top of the page. Within the navigation bar, user login/Admin and register button are displayed on the top right of each page, under the company logo there are few options that can be selected by user which are Home, Categories of Product, Fast Searching, About Us and Physical Shop Location. The purpose of navigation bar is to allow users can choose the page easily.



Login by User and Admin



Hot Items



Titanium resizeable Handcuff Ring

[Shop More](#)



Rose Gold Key Bracelet

[Shop More](#)



Silver Iran Map Pendants

[Shop More](#)



Index.php

User Registration Form

Username

Email

Contact Number

Age

Password

Repeat Password

Already have an account? [Login Here](#)**Register.php**

In this register page, users must insert or register with the correct validation of data, for example any column is an empty field it will show "Please fill in all the fields" error message. Besides that, each invalid message will display a relevant error message at the bottom. The following diagram is each error input for each column.

Repeat Password

Already have an account? [Login Here](#)

Please fill in all the fields.

Empty fieldAlready have an account? [Login Here](#)

Please enter a valid contact number.

Invalid Contact Number inputAlready have an account? [Login Here](#)


Please enter a valid age.

Invalid age inputAlready have an account? [Login Here](#)

Your password does not match.

Both password does not match

The login page of User and Admin is the same as the register page, it will show relevant error messages for each error input. Once the user or admin successful login it will access home page.



[Log In](#) [Register](#)

HOME Categories of Product ▾ Fast Searching About Us Physical Shop Location Logout

Log In for User

Username


Password

[SIGN IN](#)


Please fill in all the fields.

New User? [Create New Account](#)

© W & G 2021



User Login Page



[Log In](#) [Register](#)

HOME Categories of Product ▾ Fast Searching About Us Physical Shop Location Logout

Log In for Admin

Admin Name


Password

[SIGN IN](#)

Please fill in all the fields.

If you can't login contact Administration

© W & G 2021



Admin login page

Log In for User

Username

Password

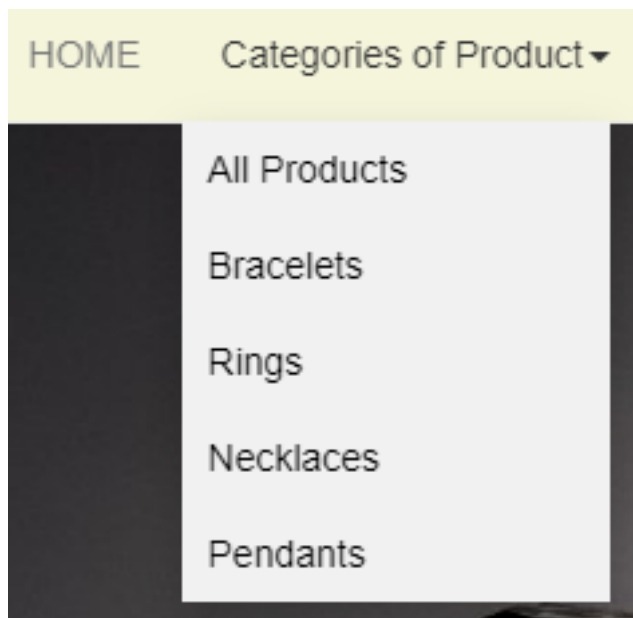
[SIGN IN](#)

Incorrect username or password, please try again.

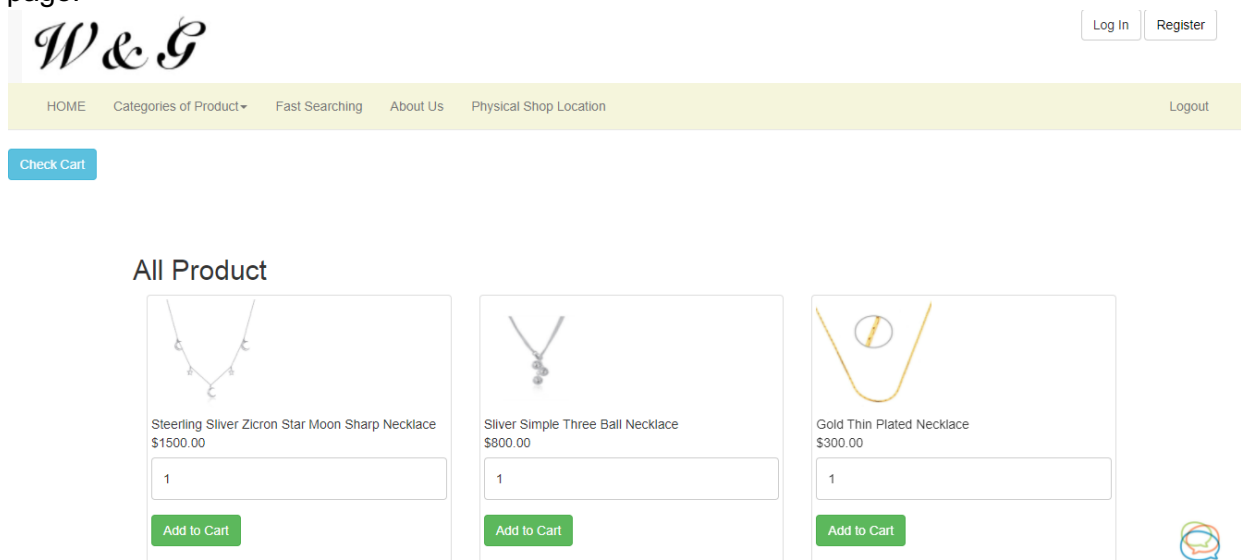
New User? [Create New Account](#)

Incorrect username or password

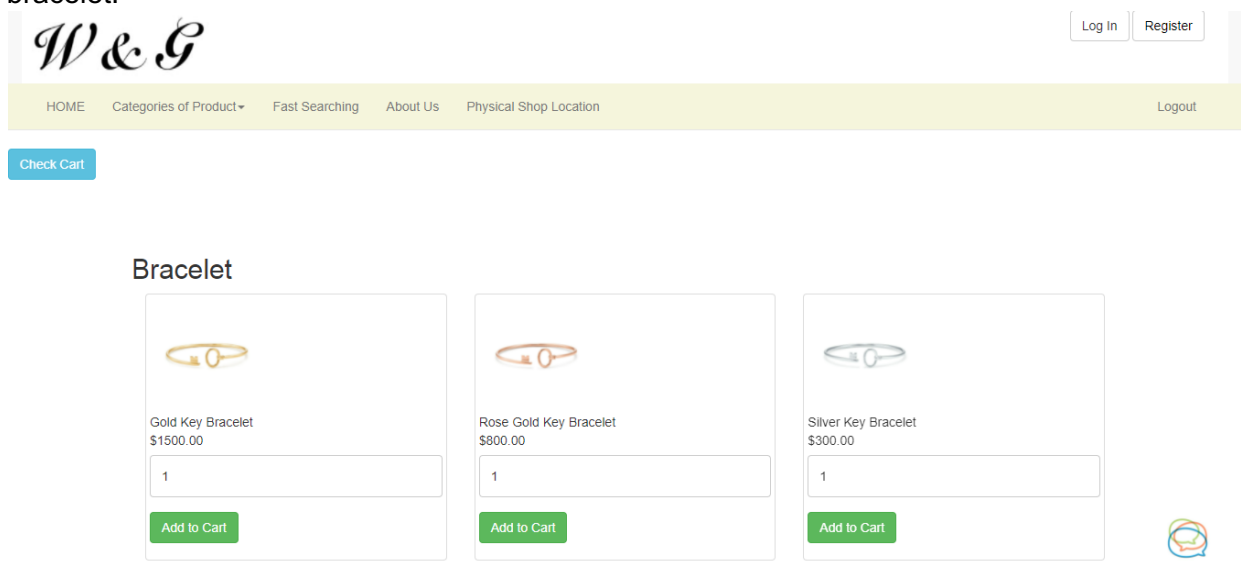
As mentioned in the previous paragraph there are four categories in this website, when a user hover or focus the column of "Categories of Product" all options will display and the user can choose which page he or she wants to browse.



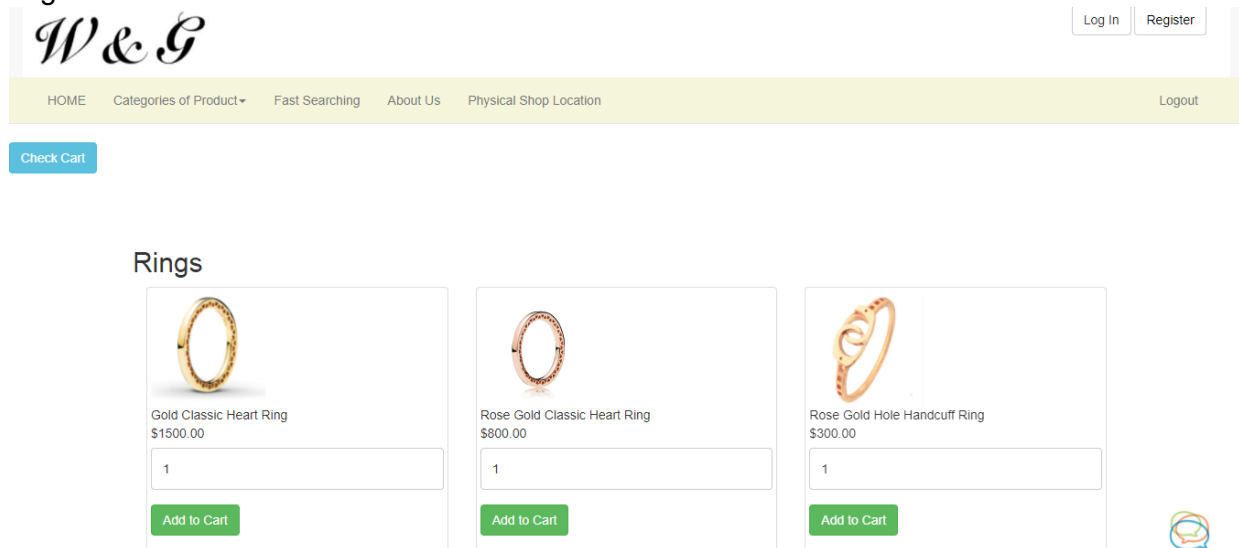
The following image is all product pages, it will show all the items in this page.



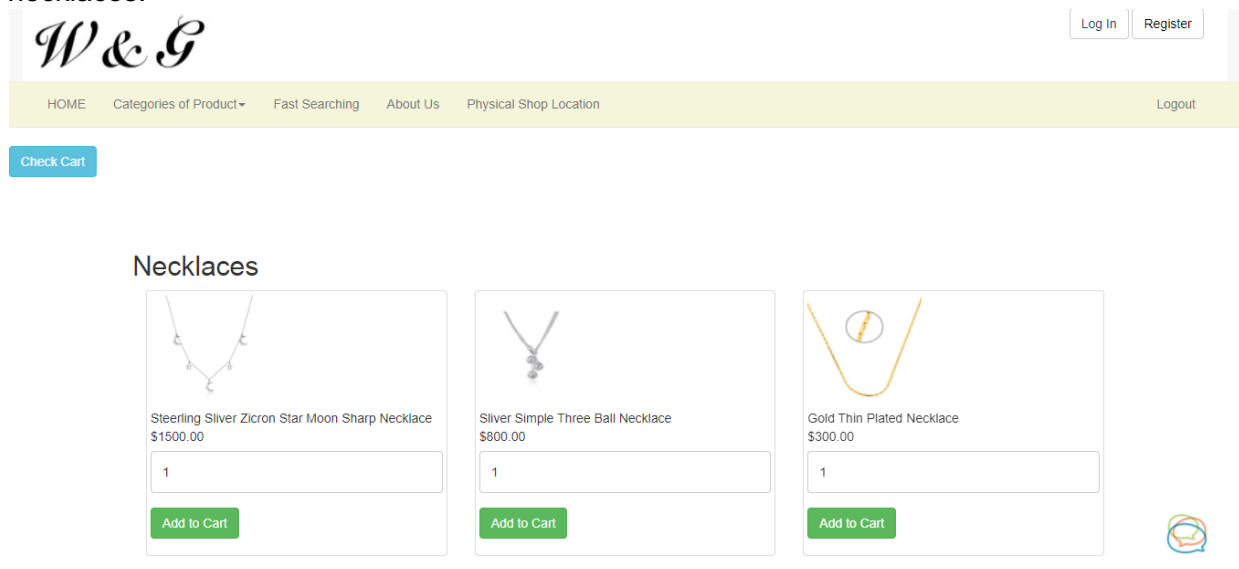
The following image is a bracelet web page, it will show all the items which are categories of bracelet.



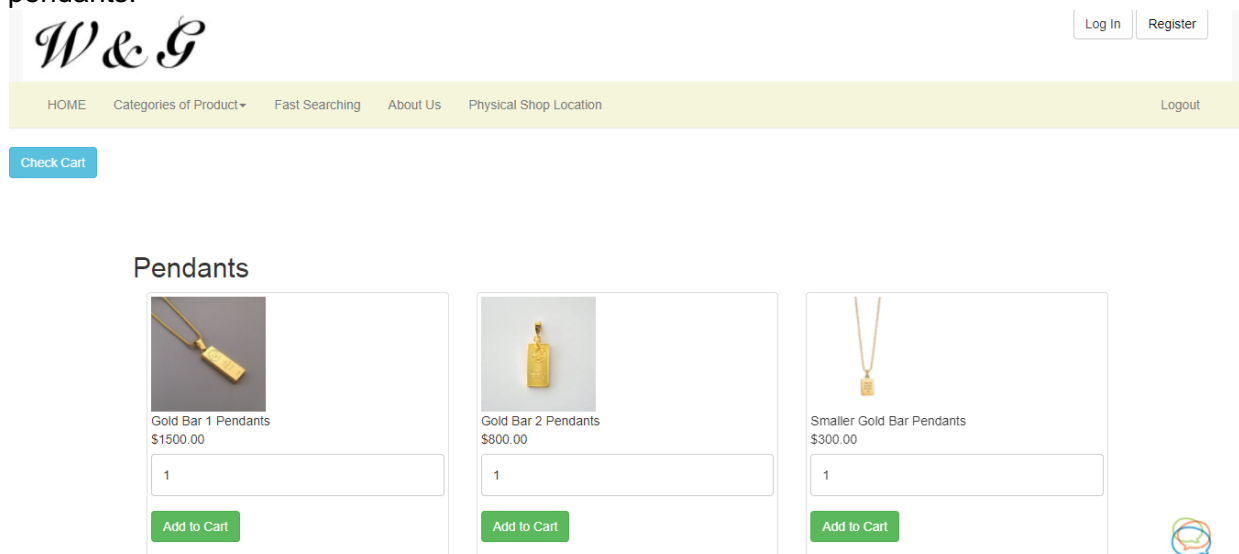
The following image is a ring web page, it will show all the items which are categories of rings.



The following image is a necklace web page, it will show all the items which are categories of necklaces.



The following image is a pendant web page, it will show all the items which are categories of pendants.



When a user clicks the “Check Cart” button it will open a new tab on the same browser and it will display the item added to cart by the user. According to the following image, the shopping cart table will display as below, it has an empty cart function, delete each item's amount

function and purchase function.

W&G

Log In Register

HOME Categories of Product Fast Searching About Us Physical Shop Location

Logout

Shopping Cart

Name



Gold Bar 1 Pendants

Code

Quantity

Unit Price

PriceRemove

P01

1

\$ 1500.00

\$ 1,500.00



Total:

1

\$ 1,500.00

Empty Cart

purchase



Cart.php

After the user clicks the purchase button it will open a new tab which is the payment page. After clicking the “Deal” button all the information will be stored in the database.

W&G

Log In Register

HOME Categories of Product Fast Searching About Us Physical Shop Location

Logout

User Payment Form

Username

Enter Username

Card Holder Name

Enter card Holder Name

Card Number

0000-1111-2222-3333

CVC

311

Expiration

MM-YYYY

Deal



Payment.php

The live search function is available in this assignment, users are able to type the relevant keywords and click the search button it will display the relevant information like the following image.

You can search and check the price from here

Search

Total Records - 32

Product Name	Code	Price
Steerling Sliver Zicron Star Moon Sharp Necklace	Necklace01	1500.00
Sliver Simple Three Ball Necklace	Necklace02	800.00
Gold Thin Plated Necklace	Necklace03	300.00
Steerling Sliver Oxidized Curb Chain Necklace	Necklace04	800.00
Gold Plated Bar Necklace	Necklace05	1500.00

**Search.php**

You can search and check the price from here

Search

Total Records - 8

Product Name	Code	Price
Gold Classic Heart Ring	Ring01	1500.00
Rose Gold Classic Heart Ring	Ring02	800.00
Rose Gold Hole Handcuff Ring	Ring03	300.00
Silver Plain Handcuff Ring	Ring04	800.00
Stainless Steel Spin Geometric Handcuff Ring	Ring05	1500.00

**Display ring relevant information**

This is a simple “about us” web page.

- Our Mission-


To provide th most actionable app store data.

About Us

Our company name is W&G short form of want and get, our company is a jewelry shop. In our website and physical shop you will see a lot of jewelry like rings, bracelet, necklace and pendants. Our company is support hybird mode which are online shopping and come to our physical shop to watch the exactly products and buy it. In this 21 st century, online shopping become part of the shopping mode especially in this few year.

**AboutUs.php**


The following pages is about “Physical Shop Location” from this page, user able see the image of our physical shop and there are a link to open the google maps and link to the relevant destination.



Log InRegister


HOMECategories of Product ▾Fast SearchingAbout UsPhysical Shop LocationLogout

W&G Physical shop -

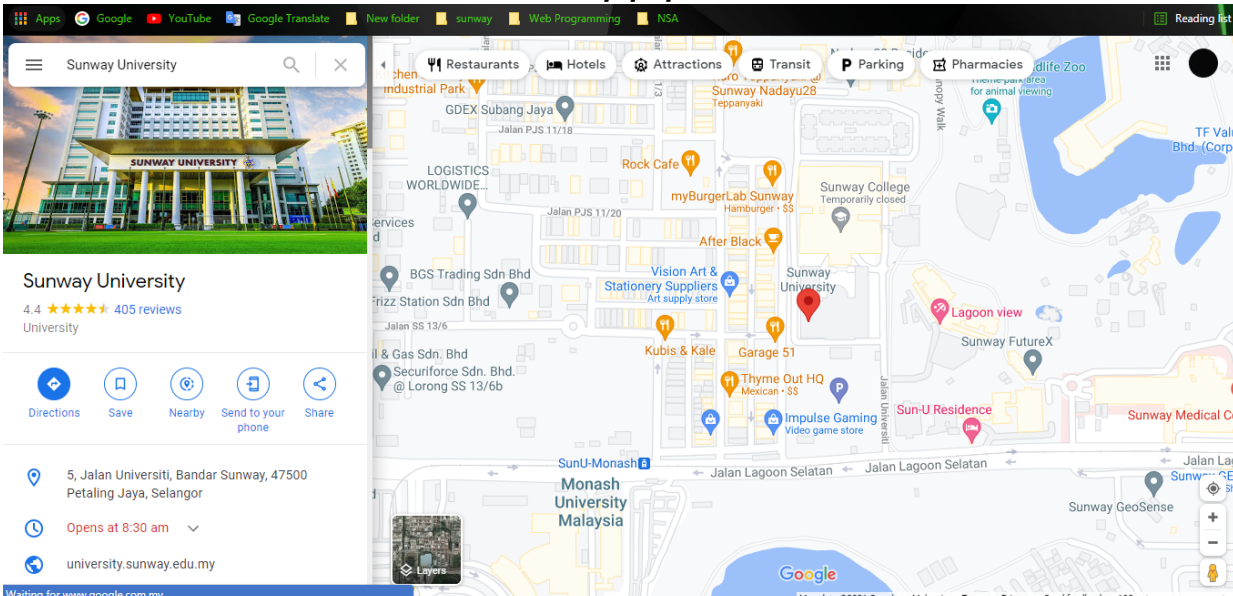


Director You to our physical shop

If you interest to visit our physical shop, you may click the inage or the word. We are waiting for your comming. See ya!!!




shop.php



Open the google maps to show the example destination.

Once the user and admin success log out it will show the logout page.



Log InRegister


HOMECategories of Product ▾Fast SearchingAbout UsPhysical Shop LocationLogout

Logout Out

You're successful logout from your account

Welcome to login our website again.

Thank you so much !!!



logoutSuccesful.php

The following function is a feedback function, this function is available in all the pages. In case, users have any suggestion to our company they can click this small logo then the pop up feedback column will show. Users are able to fill up the suggestion from the box.



Username

Please Enter Your Name..

Email

Please Enter Your Email Address..

Suggestion

Write something..

Submit

Close

Source Code

This is the form format of the register form.

```

<div class="container itemList">
  <div class="row">
    <div class="col-lg-3 col-md-2 col-sm-2 col-xs-0"></div>
    <div class="col-lg-6 col-md-8 col-sm-8 col-xs-12">
      <h2>User Registration Form</h2>
    </div>
    <div class="col-lg-3 col-md-2 col-sm-2 col-xs-0"></div>
  </div>
  <div class="row">
    <div class="col-lg-3 col-md-2 col-sm-2 col-xs-0">
    </div>
    <div class="col-lg-6 col-md-8 col-sm-8 col-xs-12">
      <form action="registered.php" method="POST">

        <div class="form-group">
          <label for="username"><b>Username</b></label>
          <input type="text" class="form-control" placeholder="Enter Username" name="username">
        </div>

        <div class="form-group">
          <label for="email"><b>Email</b></label>
          <input type="text" class="form-control" placeholder="Enter Email" name="email">
        </div>

        <div class="form-group">
          <label for="contactNumber"><b>Contact Number</b></label>
          <input type="text" class="form-control" placeholder="Enter Contact Number" name="contactNumber">
        </div>

        <div class="form-group">
          <label for="age"><b>Age</b></label>
          <input type="text" class="form-control" placeholder="Enter Age" name="age">
        </div>
      </div>
    </div>
  </div>

```

Register.php

Once user insert the incorrect message it will display the error message.

```

<?php
if (isset($_GET["error"])) {
  if ($_GET["error"] == "empty_input") {
    echo "<span style='color: red;'>Please fill in all the fields.</span>";
  }
  else if ($_GET["error"] == "error_username") {
    echo "<span style='color: red;'>Please enter a another username.</span>";
  }
  else if ($_GET["error"] == "error_email") {
    echo "<span style='color: red;'>Please enter a valid email.</span>";
  }
  else if ($_GET["error"] == "error_contactNumber") {
    echo "<span style='color: red;'>Please enter a valid contact number.</span>";
  }
  else if ($_GET["error"] == "error_age") {
    echo "<span style='color: red;'>Please enter a valid age.</span>";
  }
  else if ($_GET["error"] == "passwordtooshort") {
    echo "<span style='color: red;'>Your password is too short.</span>";
  }
  else if ($_GET["error"] == "passwordnotmatch") {
    echo "<span style='color: red;'>Your password does not match.</span>";
  }
  else if ($_GET["error"] == "username_taken") {
    echo "<span style='color: red;'>Your username has been taken, please try again.</span>";
  }
  else if ($_GET["error"] == "email_taken") {
    echo "<span style='color: red;'>Your email has been taken, please try again.</span>";
  }
  else if ($_GET["error"] == "register_succeeded") {
    echo "<span style='color: red;'>Your account has been registered successfully.</span>";
  }
  else if ($_GET["error"] == "register_failed") {
    echo "<span style='color: red;'>Something is wrong, please try again.</span>";
  }
}
?>

```

Error message form register.php

```

require_once 'dbconnect.php';
require_once 'function.php';

```

Require php file from dbconnect.php and function.php

```

if (empty_input($username, $email, $contactNumber, $age, $pass, $confPass) !== false) {
    header("location: register.php?error=empty_input");
    exit();
}

if (error_username($username) !== false) {
    header("location: register.php?error=error_username");
    exit();
}

if (error_email($email) !== false) {
    header("location: register.php?error=error_email");
    exit();
}

if (error_contactNumber($contactNumber) !== false) {
    header("location: register.php?error=error_contactNumber");
    exit();
}

if (error_age($age) !== false) {
    header("location: register.php?error=error_age");
    exit();
}

if (longer_password($pass) !== false) {
    header("location: register.php?error=passwordtooshort");
    exit();
}

if (password_match($pass, $confPass) !== false) {
    header("location: register.php?error=passwordnotmatch");
    exit();
}

if (username_exists($conn, $username) !== false) {
    header("location: register.php?error=username_taken");
    exit();
}

```

Error message which is display on the URL

```

register_user($conn, $username, $email, $contactNumber, $age, $pass);

```

Connect and store to the relevant database table column

```

function empty_input($username, $email, $contactNumber, $age, $pass, $confPass) {
    $result;
    if(empty($username) || empty($email) || empty($contactNumber) || empty($age) || empty($pass) || empty($confPass)) {
        $result = true;
    }
    else{
        $result = false;
    }
    return $result;
}

function error_username($username) {
    $result;
    if(!preg_match('/^[a-zA-Z0-9]*$/ ', $username)) {
        $result = true;
    }
    else{
        $result = false;
    }
    return $result;
}

function error_email($email) {
    $result;
    if(filter_var($email, FILTER_VALIDATE_EMAIL)) {
        $result = false;
    }
    else{
        $result = true;
    }
    return $result;
}

function error_contactNumber($contactNumber) {
    $result;
    if(!preg_match('/^\d{3}\-\d{8}$/', $contactNumber)) {
        $result = true;
    }
}

```

Validation for user register

```

function longer_password($pass) {
    $result;
    if(!preg_match('/^[a-zA-Z0-9!@#%]{6,}$/', $pass)) {
        $result = true;
    }
    else{
        $result = false;
    }
    return $result;
}

function password_match($pass, $confPass) {
    $result;
    if($pass === $confPass) {
        $result = false;
    }
    else{
        $result = true;
    }
    return $result;
}

```

Password validation

```

function username_exists($conn, $username) {
    $sql = "SELECT * FROM users WHERE username = '$username'";
    $result = mysqli_query($conn, $sql);
    if (mysqli_num_rows($result) > 0) {
        $result = true;
    }
    else {
        $result = false;
    }
    return $result;
}

function email_exists($conn, $email) {
    $sql = "SELECT * FROM users WHERE email = '$email'";
    $result = mysqli_query($conn, $sql);
    if (mysqli_num_rows($result) > 0) {
        $result = true;
    }
    else {
        $result = false;
    }
    return $result;
}

```

Email or username does not exist in database

```

<?php
    if (isset($_GET["error"])) {
        if ($_GET["error"] == "empty_signin") {
            echo "<span style='color: red'>Please fill in all the fields.</span>";
        }
        else if ($_GET["error"] == "login_error") {
            echo "<span style='color: red'>Incorrect username or password, please try again.</span>";
        }
    }
?>

```

Error message function

```

if(!empty($_GET["action"])) {
    switch($_GET["action"]) {
        case "add":
            if(!empty($_POST["quantity"])) {
                $productByCode = $db_handle->runQuery("SELECT * FROM tblproduct WHERE code='" . $_GET["code"] . "'");
                //get the first data only with index [0]
                $itemArray = array($productByCode[0]["code"]=>array('name'=>$productByCode[0]["name"],
                    'code'=>$productByCode[0]["code"], 'quantity'=>$_POST["quantity"],
                    'price'=>$productByCode[0]["price"], 'image'=>$productByCode[0]["image"]));

                if(!empty($_SESSION["cart_item"])) {
                    //checking new add item with current Cart
                    if(in_array($productByCode[0]["code"],array_keys($_SESSION["cart_item"]))) {
                        foreach($_SESSION["cart_item"] as $k => $v) {
                            if($productByCode[0]["code"] == $k) {
                                //if the quantity is empty, starting the quantity from Zero
                                if(empty($_SESSION["cart_item"][$k]["quantity"])) {
                                    $_SESSION["cart_item"][$k]["quantity"] = 0;
                                }
                                //if the item already in the Cart, add the quantity
                                $_SESSION["cart_item"][$k]["quantity"] += $_POST["quantity"];
                            }
                        }
                    }
                    //if current item is not in the cart, add the item
                    else {
                        $_SESSION["cart_item"] = array_merge($_SESSION["cart_item"],$itemArray);
                    }
                } else {
                    //if the session is empty, start the new session.
                    $_SESSION["cart_item"] = $itemArray;
                }
            }
            break;

```

It will fetch all the product which are in database

```
if(!empty($_GET["action"])) {
switch($_GET["action"]) {

    case "remove":
        if(!empty($_SESSION["cart_item"])) {
            foreach($_SESSION["cart_item"] as $k => $v) {
                if($_GET["code"] == $k)
                    unset($_SESSION["cart_item"][$k]);
                // if no more item in cart, empty the session
            }
            if(empty($_SESSION["cart_item"]))
                unset($_SESSION["cart_item"]);
        }
        break;
    case "empty":
        unset($_SESSION["cart_item"]);
        break;
}
}
```

Empty cart function

```
<tr>
<td colspan="2" align="right">Total:</td>
<td align="right"><?php echo $total_quantity; ?></td>
<td align="right" colspan="2"><strong><?php echo "$ " .number_format($total_price, 2); ?></strong></td>
<td></td>
</tr>
</tbody>
</table>
```

Total amount price

```
if (isset($_SESSION["username"])) {
    $username = validate($_SESSION["username"]);

    destroy_session_and_data();
    header("location: logoutSuccessful.php");
    exit();
}
```

Destroy all the session