

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Spring 2019-2020**

**Project Title: Online Pet Shop**

**Section: F**

|  |  |
| --- | --- |
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**Online Pet Shop**

**Project Description:**

*An online pet store. It allows users and clients to get pet necessities in one place. Nowadays there is hardly any person who doesn’t have a pet or love to nurture the animals. There is hardly any online shop where you can find multiple varieties of animal necessities. This webpage will provide food, toys, medical supplies, herbal medicines, vet doctor information, and local vet hospital locations.*

*Admin: They will have access to all the information and they will look into all the transitions of buyer and seller.*

*Seller: They will add different products to the website for potential customers. They will sell their product through the website*

*Buyer/Customer: They can buy products from the web application. They have to mention what kind of product they need so they can find if the product is available on the site and order the product. They can also ask for an online delivery option. Customers can pay through online payment methods.*

*Delivery: The product ordered by the customer will be delivered to the customer. The customer can choose the delivery service options.*

**Project Folder Structure:**

****

**Core Modules of the Project:**

***loginController.php***

*<?php*

*require\_once 'models/db\_config.php';*

*$fname="";*

*$err\_fname="";*

*$lname="";*

*$err\_lname="";*

*$uname="";*

*$err\_uname="";*

*$pass="";*

*$err\_pass="";*

*$email="";*

*$err\_email="";*

*$number ="";*

*$err\_number="";*

*$ad="";*

*$err\_ad="";*

*$gender="";*

*$err\_gender="";*

*$type="";*

*$hasError=false;*

*function validateEmail($email)*

*{*

*$pos\_at = strpos($email,"@");*

*$pos\_dot = strpos($email,".",$pos\_at+1);*

*if($pos\_at < $pos\_dot)*

*{*

*return true;*

*}*

*return false;*

*}*

*function validPass($password)*

*{*

*$hasUpper=false;*

*$hasLower=false;*

*$hasNum=false;*

*$hasQM=false;*

*$hasHash=false;*

*for($i=0; $i<strlen($password);$i++)*

*{*

*if(ctype\_upper($password[$i]))*

*{*

*$hasUpper=true;*

*}*

*if(ctype\_lower($password[$i]))*

*{*

*$hasLower=true;*

*}*

*if($password[$i] >='0' && $password[$i]<='9')*

*{*

*$hasNum=true;*

*}*

*if($password[$i]=='#')*

*{*

*$hasHash=true;*

*}*

*if($password[$i]=='?')*

*{*

*$hasQM=true;*

*}*

*if($hasUpper && $hasLower && $hasHash || $hasQM && $hasNum)*

*{*

*return true;*

*}*

*}*

*return false;*

*}*

*if (isset($\_POST["sign\_up"])){*

*if (empty($\_POST["fname"])){*

*$err\_fname="First Name Required";*

*$hasError=true;*

*}*

*else{*

*$fname=htmlspecialchars($\_POST["fname"]);*

*}*

*if (empty($\_POST["lname"])){*

*$err\_lname="Last Name Required";*

*$hasError=true;*

*}*

*else{*

*$lname=htmlspecialchars($\_POST["lname"]);*

*}*

*if (empty($\_POST["uname"])){*

*$err\_uname="Username Required";*

*$hasError=true;*

*}*

*elseif (strlen($\_POST["uname"])<6){*

*$err\_uname="Username must contain at least 6 characters ";*

*$hasError=true;*

*}*

*elseif (strpos($\_POST["uname"]," ")) {*

*$err\_uname="space is not allowed";*

*$hasError=true;*

*}*

*else{*

*$uname=htmlspecialchars($\_POST["uname"]);*

*}*

*if(empty($\_POST["pass"]))*

*{*

*$err\_pass="Password Required";*

*$hasError=true;*

*}*

*elseif(strlen($\_POST["pass"])<8)*

*{*

*$err\_pass="Password must be at least 8 characters";*

*$hasError=true;*

*}*

*elseif(!validPass($\_POST["pass"]))*

*{*

*$err\_pass="Password Must Contain 1 Uppercase,1 Lowercase, 1 Number & (# or ?)";*

*$hasError=true;*

*}*

*else*

*{*

*$pass=$\_POST["pass"];*

*}*

*if (empty($\_POST["email"])){*

*$err\_email="Email Required";*

*$hasError=true;*

*}*

*elseif(!validateEmail($\_POST["email"]))*

*{*

*$err\_email="Not a valid email";*

*$hasError=true;*

*}*

*else*

*{*

*$email=htmlspecialchars($\_POST["email"]);*

*}*

*if(empty($\_POST["number"]))*

*{*

*$err\_number="Number Required";*

*$hasError=true;*

*}*

*elseif(!is\_numeric($\_POST["number"]))*

*{*

*$err\_number="Numaric Value required";*

*$hasError=true;*

*}*

*else*

*{*

*$number=htmlspecialchars($\_POST["number"]);*

*}*

*If (empty($\_POST["ad"])){*

*$err\_ad="Address Required";*

*$hasError=true;*

*}*

*else{*

*$ad=htmlspecialchars($\_POST["ad"]);*

*}*

*if(!isset($\_POST["gender"])){*

*$err\_gender="Gender Required";*

*$hasError=true;*

*}*

*else{*

*$gender=htmlspecialchars($\_POST["gender"]);*

*}*

*if(!$hasError)*

*{*

*insertUser($fname,$lname,$uname,$ad,$gender,$email,$pass,$number,$type);*

*header("Location:login.php");*

*}*

*}*

*if(isset($\_POST["login"])){*

*if(empty($\_POST["uname"]))*

*{*

*$err\_uname="Username Required";*

*$hasError=true;*

*}*

*elseif(strlen($\_POST["uname"])<6)*

*{*

*$err\_uname="Username Must be 6 Characters Long";*

*$hasError=true;*

*}*

*elseif(strpos($\_POST["uname"]," "))*

*{*

*$err\_uname="Username should not contain white space";*

*$hasError=true;*

*}*

*else*

*{*

*$uname=htmlspecialchars($\_POST["uname"]);*

*}*

*if(empty($\_POST["pass"]))*

*{*

*$err\_pass="Password Required";*

*$hasError=true;*

*}*

*elseif(strlen($\_POST["pass"])<8)*

*{*

*$err\_pass="Password must be at least 8 characters";*

*$hasError=true;*

*}*

*elseif(!validPass($\_POST["pass"]))*

*{*

*$err\_pass="Password Must Contain 1 Uppercase,1 Lowercase, 1 Number & (# or ?)";*

*$hasError=true;*

*}*

*else*

*{*

*$pass=htmlspecialchars($\_POST["pass"]);*

*}*

*if(!$hasError)*

*{*

*$user=authenticateUser($uname,$pass);*

*$type= $user["type"];*

*if($user){*

*if($type=="user"){*

*session\_start();*

*$\_SESSION["loggedin"]=$user["fname"];*

*header("Location:homepage.php");*

*}*

*elseif($type=="admin"){*

*session\_start();*

*$\_SESSION["adminlogin"]=$user["fname"];*

*header("Location:admin.php");*

*}*

*elseif($type=="deliveryman"){*

*session\_start();*

*$\_SESSION["deliverylogin"]=$user["fname"];*

*header("Location: deliveryman.php");*

*}*

*elseif($type=="seller"){*

*session\_start();*

*$\_SESSION["sellerlogin"]=$user["fname"];*

*header("Location: seller.php");*

*}*

*}*

*}*

*}*

*function insertUser($fname,$lname,$uname,$ad,$gender,$email,$pass,$number,$type)*

*{*

*$query="INSERT INTO users VALUES (NULL,'$fname','$lname','$uname','$ad','$gender','$email','$pass','$number','user')";*

*execute($query);*

*}*

*function authenticateUser($uname,$pass)*

*{*

*$query="SELECT \* FROM users WHERE uname='$uname' and pass='$pass'";*

*$result=get($query);*

*if(count($result)>0)*

*{*

*return $result[0];*

*}*

*return false;*

*}*

*?>*

***sellerController.php***

*<?php*

*require\_once 'models/db\_config.php';*

*$fname="";*

*$err\_fname="";*

*$lname="";*

*$err\_lname="";*

*$uname="";*

*$err\_uname="";*

*$pass="";*

*$err\_pass="";*

*$email="";*

*$err\_email="";*

*$number ="";*

*$err\_number="";*

*$ad="";*

*$err\_ad="";*

*$gender="";*

*$err\_gender="";*

*$type="";*

*$hasError=false;*

*function validateEmail($email)*

*{*

*$pos\_at = strpos($email,"@");*

*$pos\_dot = strpos($email,".",$pos\_at+1);*

*if($pos\_at < $pos\_dot)*

*{*

*return true;*

*}*

*return false;*

*}*

*function validPass($password)*

*{*

*$hasUpper=false;*

*$hasLower=false;*

*$hasNum=false;*

*$hasQM=false;*

*$hasHash=false;*

*for($i=0; $i<strlen($password);$i++)*

*{*

*if(ctype\_upper($password[$i]))*

*{*

*$hasUpper=true;*

*}*

*if(ctype\_lower($password[$i]))*

*{*

*$hasLower=true;*

*}*

*if($password[$i] >='0' && $password[$i]<='9')*

*{*

*$hasNum=true;*

*}*

*if($password[$i]=='#')*

*{*

*$hasHash=true;*

*}*

*if($password[$i]=='?')*

*{*

*$hasQM=true;*

*}*

*if($hasUpper && $hasLower && $hasHash || $hasQM && $hasNum)*

*{*

*return true;*

*}*

*}*

*return false;*

*}*

*if (isset($\_POST["add\_seller"])){*

*if (empty($\_POST["fname"])){*

*$err\_fname="First Name Required";*

*$hasError=true;*

*}*

*else{*

*$fname=htmlspecialchars($\_POST["fname"]);*

*}*

*if (empty($\_POST["lname"])){*

*$err\_lname="Last Name Required";*

*$hasError=true;*

*}*

*else{*

*$lname=htmlspecialchars($\_POST["lname"]);*

*}*

*if (empty($\_POST["uname"])){*

*$err\_uname="Username Required";*

*$hasError=true;*

*}*

*elseif (strlen($\_POST["uname"])<6){*

*$err\_uname="Username must contain at least 6 characters ";*

*$hasError=true;*

*}*

*elseif (strpos($\_POST["uname"]," ")) {*

*$err\_uname="space is not allowed";*

*$hasError=true;*

*}*

*else{*

*$uname=htmlspecialchars($\_POST["uname"]);*

*}*

*if(empty($\_POST["pass"]))*

*{*

*$err\_pass="Password Required";*

*$hasError=true;*

*}*

*elseif(strlen($\_POST["pass"])<8)*

*{*

*$err\_pass="Password must be at least 8 characters";*

*$hasError=true;*

*}*

*elseif(!validPass($\_POST["pass"]))*

*{*

*$err\_pass="Password Must Contain 1 Uppercase,1 Lowercase, 1 Number & (# or ?)";*

*$hasError=true;*

*}*

*else*

*{*

*$pass=$\_POST["pass"];*

*}*

*if (empty($\_POST["email"])){*

*$err\_email="Email Required";*

*$hasError=true;*

*}*

*elseif(!validateEmail($\_POST["email"]))*

*{*

*$err\_email="Not a valid email";*

*$hasError=true;*

*}*

*else*

*{*

*$email=htmlspecialchars($\_POST["email"]);*

*}*

*if(empty($\_POST["number"]))*

*{*

*$err\_number="Number Required";*

*$hasError=true;*

*}*

*elseif(!is\_numeric($\_POST["number"]))*

*{*

*$err\_number="Numaric Value required";*

*$hasError=true;*

*}*

*else*

*{*

*$number=htmlspecialchars($\_POST["number"]);*

*}*

*If (empty($\_POST["ad"])){*

*$err\_ad="Address Required";*

*$hasError=true;*

*}*

*else{*

*$ad=htmlspecialchars($\_POST["ad"]);*

*}*

*if(!isset($\_POST["gender"])){*

*$err\_gender="Gender Required";*

*$hasError=true;*

*}*

*else{*

*$gender=htmlspecialchars($\_POST["gender"]);*

*}*

*if(!$hasError)*

*{*

*insertUser($fname,$lname,$uname,$ad,$gender,$email,$pass,$number,$type);*

*}*

*}*

*if (isset($\_POST["edit\_seller"])){*

*if (empty($\_POST["fname"])){*

*$err\_fname="First Name Required";*

*$hasError=true;*

*}*

*else{*

*$fname=htmlspecialchars($\_POST["fname"]);*

*}*

*if (empty($\_POST["lname"])){*

*$err\_lname="Last Name Required";*

*$hasError=true;*

*}*

*else{*

*$lname=htmlspecialchars($\_POST["lname"]);*

*}*

*if (empty($\_POST["uname"])){*

*$err\_uname="Username Required";*

*$hasError=true;*

*}*

*elseif (strlen($\_POST["uname"])<6){*

*$err\_uname="Username must contain at least 6 characters ";*

*$hasError=true;*

*}*

*elseif (strpos($\_POST["uname"]," ")) {*

*$err\_uname="space is not allowed";*

*$hasError=true;*

*}*

*else{*

*$uname=htmlspecialchars($\_POST["uname"]);*

*}*

*if(empty($\_POST["pass"]))*

*{*

*$err\_pass="Password Required";*

*$hasError=true;*

*}*

*elseif(strlen($\_POST["pass"])<8)*

*{*

*$err\_pass="Password must be at least 8 characters";*

*$hasError=true;*

*}*

*elseif(!validPass($\_POST["pass"]))*

*{*

*$err\_pass="Password Must Contain 1 Uppercase,1 Lowercase, 1 Number & (# or ?)";*

*$hasError=true;*

*}*

*else*

*{*

*$pass=$\_POST["pass"];*

*}*

*if (empty($\_POST["email"])){*

*$err\_email="Email Required";*

*$hasError=true;*

*}*

*elseif(!validateEmail($\_POST["email"]))*

*{*

*$err\_email="Not a valid email";*

*$hasError=true;*

*}*

*else*

*{*

*$email=htmlspecialchars($\_POST["email"]);*

*}*

*if(empty($\_POST["number"]))*

*{*

*$err\_number="Number Required";*

*$hasError=true;*

*}*

*elseif(!is\_numeric($\_POST["number"]))*

*{*

*$err\_number="Numaric Value required";*

*$hasError=true;*

*}*

*else*

*{*

*$number=htmlspecialchars($\_POST["number"]);*

*}*

*If (empty($\_POST["ad"])){*

*$err\_ad="Address Required";*

*$hasError=true;*

*}*

*else{*

*$ad=htmlspecialchars($\_POST["ad"]);*

*}*

*if(!isset($\_POST["gender"])){*

*$err\_gender="Gender Required";*

*$hasError=true;*

*}*

*else{*

*$gender=htmlspecialchars($\_POST["gender"]);*

*}*

*if(!$hasError)*

*{*

*editSeller($\_POST["id"],$fname,$lname,$uname,$ad,$gender,$email,$pass,$number,$type);*

*}*

*}*

*if(isset($\_POST["remove\_seller"]))*

*{*

*if(!$hasError)*

*{*

*deleteSeller(($\_POST["id"]));*

*}*

*}*

*function insertUser($fname,$lname,$uname,$ad,$gender,$email,$pass,$number,$type)*

*{*

*$query="INSERT INTO users VALUES (NULL,'$fname','$lname','$uname','$ad','$gender','$email','$pass','$number','seller')";*

*execute($query);*

*header("Location:allsellers.php");*

*}*

*function getAllSeller(){*

*$query= "SELECT \* FROM users where type='seller'";*

*$result= get($query);*

*return $result;*

*}*

*function getSeller($id){*

*$query="select \* from users where id=$id";*

*$result=get($query);*

*if(count($result)>0){*

*return $result[0];*

*}*

*return false;*

*}*

*function editSeller($id,$fname,$lname,$uname,$ad,$gender,$email,$pass,$number,$type){*

*$query="UPDATE users*

*SET fname='$fname',*

*lname='$lname',*

*uname='$uname',*

*ad='$ad',*

*gender='$gender',*

*email='$email',*

*pass='$pass',*

*number='$number',*

*type='seller'*

*WHERE id=$id";*

*execute($query);*

*header("Location:allsellers.php");*

*}*

*function deleteSeller($id){*

*$query="DELETE FROM users WHERE id=$id";*

*execute($query);*

*header("Location:allsellers.php");*

*}*

*function checkUname($uname)*

*{*

*$query="SELECT \* FROM users where uname='$uname'";*

*$result=get($query);*

*if(count($result)>0)*

*{*

*return false;*

*}*

*return true;*

*}*

*function checkEmail($email)*

*{*

*$query="SELECT \* FROM users where email='$email'";*

*$result=get($query);*

*if(count($result)>0)*

*{*

*return false;*

*}*

*return true;*

*}*

*?>*

***orderController.php***

*<?php*

*require\_once 'models/db\_config.php';*

*$pqty="";*

*$err\_pqty="";*

*$cname="";*

*$err\_cname="";*

*$address="";*

*$err\_address="";*

*$hasError=false;*

*if (isset($\_POST["Confirm"]))*

*{*

*$pid=$\_POST["pid"];*

*$cname= $\_POST["cname"];*

*$pname=$\_POST["pname"];*

*if (empty($\_POST["pqty"]))*

*{*

*$err\_pqty="\*\*Quantity can't be null.";*

*$hasError=true;*

*}*

*else if((!is\_numeric($\_POST["pqty"])))*

*{*

*$err\_pqty="\*\*Quantity must be a number.";*

*$hasError=true;*

*}*

*else*

*{*

*$pqty=htmlspecialchars($\_POST["pqty"]);*

*}*

*if (empty($\_POST["cname"]))*

*{*

*$err\_cname="\*\*Customer Name Required.";*

*$hasError=true;*

*}*

*else if(strlen($\_POST["cname"])<1)*

*{*

*$err\_cname="\*\*Customer Name should be least a character.";*

*$hasError=true;*

*}*

*else*

*{*

*$cname=htmlspecialchars($\_POST["cname"]);*

*}*

*if (empty($\_POST["address"]))*

*{*

*$err\_address="\*\*Address Required.";*

*$hasError=true;*

*}*

*else if(strlen($\_POST["address"])<12)*

*{*

*$err\_address="\*\*Address should be least 12 character.";*

*$hasError=true;*

*}*

*else*

*{*

*$address=htmlspecialchars($\_POST["address"]);*

*}*

*if(!$hasError)*

*{*

*insertorder($pid,$pqty,$pname,$cname,$address);*

*}*

*}*

*if(isset($\_POST["OK"]))*

*{*

*$id=$\_GET["id"];*

*$pname=$\_POST["pname"];*

*if (empty($\_POST["pqty"]))*

*{*

*$err\_pqty="\*\*Quantity can't be null.";*

*$hasError=true;*

*}*

*else if((!is\_numeric($\_POST["pqty"])))*

*{*

*$err\_pqty="\*\*Quantity must be a number.";*

*$hasError=true;*

*}*

*else*

*{*

*$pqty=htmlspecialchars($\_POST["pqty"]);*

*}*

*if (empty($\_POST["cname"]))*

*{*

*$err\_cname="\*\*Customer Name Required.";*

*$hasError=true;*

*}*

*else if(strlen($\_POST["cname"])<1)*

*{*

*$err\_cname="\*\*Customer Name should be least a character.";*

*$hasError=true;*

*}*

*else*

*{*

*$cname=htmlspecialchars($\_POST["cname"]);*

*}*

*if (empty($\_POST["address"]))*

*{*

*$err\_address="\*\*Address Required.";*

*$hasError=true;*

*}*

*else if(strlen($\_POST["address"])<12)*

*{*

*$err\_address="\*\*Address should be least 12 character.";*

*$hasError=true;*

*}*

*else*

*{*

*$address=htmlspecialchars($\_POST["address"]);*

*}*

*if(!$hasError)*

*{*

*editOrder($pqty,$pname,$cname,$address);*

*echo $pqty.$pname.$cname.$address;*

*}*

*}*

*function insertorder($pid,$pqty,$pname,$cname,$address)*

*{*

*$query="INSERT INTO orders VALUES ('$pid','$pqty','$pname','$cname',NULL,'$address')";*

*execute($query);*

*header("Location: allorders.php");*

*}*

*function getAllorders(){*

*$query= "select \* from orders";*

*$result= get($query);*

*return $result;*

*}*

*function getOrder($id){*

*$query="select \* from orders where id=$id";*

*$result=get($query);*

*if(count($result)>0){*

*return $result[0];*

*}*

*return false;*

*}*

*function editOrder($pqty,$pname,$cname,$address)*

*{*

*$query="UPDATE orders*

*SET Quantity='$pqty',*

*pname='$pname',*

*cname='$cname,*

*address='$address'*

*WHERE id='$id'";*

*execute($query);*

*//header("Location:allorders.php");*

*}*

*?>*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CO2 and CO4 Evaluation: Project Report Evaluation** | | | | | |
| **Completeness**  **(5)** | **Validation**  **(5)** | **Feature Implementation**  **(5)** | **Concept Understanding**  **(5)** | **Promptness (5)** | **Total (25)** |
|  |  |  |  |  |  |
|  | | | | | |