American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation
Finished Project Report
Spring 2021-22

Project Title: Restaurant Management system
Section: E

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Restaurant management system

Project Description:
Restaurant management systems are a form of application that is designed to help the users. This type of system could be a full all-in-one solution that combines point-of-sale functions like payment processing with more complex back-end features. In our project, we tried to develop a restaurant management system which will cover multiple restaurants' menus.Restaurants can add their signature items. Users can choose the food items as per their choice. In addition, our system is very time efficient and convenient. We also provide cash on delivery. This system has tracking technology that will let the customers know about the delivery details.

Project Folder Structure:

css
-admin_style.css
-bootstrap.min.css
-style.css
-trackorder.css
icon
  -font-awesome.min.css
images
 js
    -admin_script.js
    -bootstrap.bundle.min.js
    -jquery.min.js
    -script.js

uploaded_img
about.php
add_to_cart.php
admin_contact.php
admin_header.php
admin_order.php
admin_page.php
admin_user.php
cart.php
checkout.php
config.php
contact.php
footer.php
header.php
index.php
login.php
logout.php

Restaurant management system

orders.php
register.php
search_page.php
shop.php
shop_db.sql
trackorder.php

Core Modules of the Project:

register.php

```php
<?php



include 'config.php';

if(isset($_POST['submit'])){

   $name = mysqli_real_escape_string($conn, $_POST['name']);

   $email = mysqli_real_escape_string($conn, $_POST['email']);

   $pass = mysqli_real_escape_string($conn, md5($_POST['password']));

   $cpass = mysqli_real_escape_string($conn, md5($_POST['cpassword']));

   $user_type = $_POST['user_type'];

   $select_users = mysqli_query($conn, "SELECT * FROM `users` WHERE email = '$email' AND password = '$pass'") or
die('query failed');

   if(mysqli_num_rows($select_users) > 0){

      $message[] = 'user already exist!';

   }else{

      if($pass != $cpass){

         $message[] = 'confirm password not matched!';

      }else{

         mysqli_query($conn, "INSERT INTO `users`(name, email, password, user_type) VALUES('$name', '$email', '$cpass',
'$user_type')") or die('query failed');

         $message[] = 'registered successfully!';

         header('location:login.php');

      }

   }

}

?>

<!DOCTYPE html>
```

Restaurant management system

```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>register</title>
    <!-- font awesome cdn link  -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">
    <!-- custom css file link  -->
    <link rel="stylesheet" href="css/style.css">
</head>
<body>
<?php
if(isset($message)){
    foreach($message as $message){
        echo '
        <div class="message">
            <span>'.$message.'</span>
            <i class="fas fa-times" onclick="this.parentElement.remove();"></i>
        </div>
        ';
    }
}
?>


<div class="form-container">
    <form name="registerForm" action="<?php echo $_SERVER["PHP_SELF"];?>" method="post" onsubmit="return validateForm()">
        <h3>register now</h3>
        <input type="text" name="name" placeholder="enter your name" class="box">
        <span id="errName"></span>
        <input type="email" name="email" placeholder="enter your email" required class="box">
        <span id="errEmail"></span>
        <input type="password" name="password" placeholder="enter your password" class="box">
        <span id="errPass"></span>
```

Restaurant management system

```html
        <input type="password" name="cpassword" placeholder="confirm your password" class="box">

        <span id="errCpass"></span>

        <select name="user_type" class="box">

          <option value="user">user</option>

          <option value="admin">admin</option>

          <option value="res_owner">res_owner</option>

        </select>

        <input type="submit" name="submit" value="register now" class="btn">

        <p>already have an account? <a href="login.php">login now</a></p>

      </form>
  </div>
</div>
<script>
    function validateForm(){

        let name = document.forms["registerForm"]["name"].value;

        let password = document.forms["registerForm"]["password"].value;

        let cpassword = document.forms["registerForm"]["cpassword"].value;

        if(name == ""){

            document.getElementById("errName").innerHTML = "Name is required";

            return false;

        }

        if(password == ""){

            document.getElementById("errPass").innerHTML = "Password Can Not Be Empty!";

            return false;

        }

        else if(password.length <= 7){

            document.getElementById("errPass").innerHTML = "Password should be up to 8 digit!";

            return false;

        }

        if(cpassword =="" || cpassword != password){

            document.getElementById("errCpass").innerHTML = "Password Not Matched!";

            return false;

        }

    }

</script>
</body>
```

Restaurant management system

```html
</html>
```

shop.php

```php
<?php


include 'config.php';

session_start();

if(isset($_SESSION['user_id'])){

   $user_id = $_SESSION['user_id'];

}

if(isset($_POST['add_to_cart'])){

   $product_name = $_POST['product_name'];

   $product_price = $_POST['product_price'];

   $product_image = $_POST['product_image'];

   $product_quantity = $_POST['product_quantity'];

   $check_cart_numbers = mysqli_query($conn, "SELECT * FROM `cart` WHERE name = '$product_name' AND user_id = '$user_id'") or die('query failed');

   if(mysqli_num_rows($check_cart_numbers) > 0){

      $message[] = 'already added to cart!';

   }else{

      mysqli_query($conn, "INSERT INTO `cart`(user_id, name, price, quantity, image) VALUES('$user_id', '$product_name', '$product_price', '$product_quantity', '$product_image')") or die('query failed');

      $message[] = 'product added to cart!';

   }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

   <meta charset="UTF-8">

   <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

   <title>shop</title>

   <!-- font awesome cdn link  -->
```

Restaurant management system

```php
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">

    <!-- custom css file link  -->

    <link rel="stylesheet" href="css/style.css">

</head>

<body>


<?php include 'header.php'; ?>

<div class="heading">

    <h3>our shop</h3>

    <p> <a href="home.php">home</a> / shop </p>

</div>

<section class="products">

    <h1 class="title">latest products</h1>

    <div class="box-container">

        <?php

            $select_products = mysqli_query($conn, "SELECT * FROM `products`") or die('query failed');

            if(mysqli_num_rows($select_products) > 0){

                while($fetch_products = mysqli_fetch_assoc($select_products)){

        ?>

        <form action="" method="post" class="box">

        <img class="image" src="uploaded_img/<?php echo $fetch_products['image']; ?>" alt="">

        <div class="name"><?php echo $fetch_products['name']; ?></div>

        <div class="price">TK<?php echo $fetch_products['price']; ?>/-</div>

        <input type="number" min="1" name="product_quantity" value="1" class="qty">

        <input type="hidden" name="product_name" value="<?php echo $fetch_products['name']; ?>">

        <input type="hidden" name="product_price" value="<?php echo $fetch_products['price']; ?>">

        <input type="hidden" name="product_image" value="<?php echo $fetch_products['image']; ?>">

        <input type="submit" value="add to cart" name="add_to_cart" class="btn">

        </form>

        <?php

            }

        }else{

            echo '<p class="empty">no products added yet!</p>';

        }

        ?>
```

Restaurant management system

```php
    </div>
</section>
<?php include 'footer.php'; ?>
<!-- custom js file link -->
<script src="js/script.js"></script>
</body>
</html>
```

Admin_page.php

```php
<?php

include 'config.php';
session_start();
$admin_id = $_SESSION['admin_id'];
if(!isset($admin_id)){
    header('location:login.php');
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>admin panel</title>
    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">
    <!-- custom admin css file link -->
    <link rel="stylesheet" href="css/admin_style.css">
</head>
<body>


<?php include 'admin_header.php'; ?>
<!-- admin dashboard section starts -->
```

Restaurant management system

```php
<section class="dashboard">

  <h1 class="title">dashboard</h1>

  <div class="box-container">

    <div class="box">

      <?php

        $total_pendings = 0;

        $select_pending = mysqli_query($conn, "SELECT total_price FROM `orders` WHERE payment_status = 'pending'")
or die('query failed');

        if(mysqli_num_rows($select_pending) > 0){

          while($fetch_pendings = mysqli_fetch_assoc($select_pending)){

            $total_price = $fetch_pendings['total_price'];

            $total_pendings += $total_price;

          };

        };

      ?>

      <h3>TK<?php echo $total_pendings; ?>/-</h3>

      <p>total pendings</p>

    </div>

    <div class="box">

      <?php

        $total_completed = 0;

        $select_completed = mysqli_query($conn, "SELECT total_price FROM `orders` WHERE payment_status =
'completed'") or die('query failed');

        if(mysqli_num_rows($select_completed) > 0){

          while($fetch_completed = mysqli_fetch_assoc($select_completed)){

            $total_price = $fetch_completed['total_price'];

            $total_completed += $total_price;

          };

        };

      ?>

      <h3>TK<?php echo $total_completed; ?>/-</h3>

      <p>completed payments</p>

    </div>

    <div class="box">

      <?php

        $select_orders = mysqli_query($conn, "SELECT * FROM `orders`") or die('query failed');
```

```php
        $number_of_orders = mysqli_num_rows($select_orders);

    ?>

    <h3><?php echo $number_of_orders; ?></h3>

    <p>order placed</p>

</div>

<div class="box">

    <?php

        $select_products = mysqli_query($conn, "SELECT * FROM `products`") or die('query failed');

        $number_of_products = mysqli_num_rows($select_products);

    ?>

    <h3><?php echo $number_of_products; ?></h3>

    <p>products added</p>

</div>

<div class="box">

    <?php

        $select_users = mysqli_query($conn, "SELECT * FROM `users` WHERE user_type = 'user'") or die('query
failed');

        $number_of_users = mysqli_num_rows($select_users);

    ?>

    <h3><?php echo $number_of_users; ?></h3>

    <p>normal users</p>

</div>

<div class="box">

    <?php

        $select_admins = mysqli_query($conn, "SELECT * FROM `users` WHERE user_type = 'admin'") or die('query
failed');

        $number_of_admins = mysqli_num_rows($select_admins);

    ?>

    <h3><?php echo $number_of_admins; ?></h3>

    <p>admin users</p>

</div>

<div class="box">

    <?php

        $select_account = mysqli_query($conn, "SELECT * FROM `users`") or die('query failed');

        $number_of_account = mysqli_num_rows($select_account);

    ?>
```

```php
            <h3><?php echo $number_of_account; ?></h3>

            <p>total accounts</p>

        </div>

        <div class="box">

            <?php

                $select_messages = mysqli_query($conn, "SELECT * FROM `message`") or die('query failed');

                $number_of_messages = mysqli_num_rows($select_messages);

            ?>

            <h3><?php echo $number_of_messages; ?></h3>

            <p>new messages</p>

        </div>

    </div>

</section>

<!-- admin dashboard section ends -->

<!-- custom admin js file link  -->

<script src="js/admin_script.js"></script>

</body>

</html>
```