

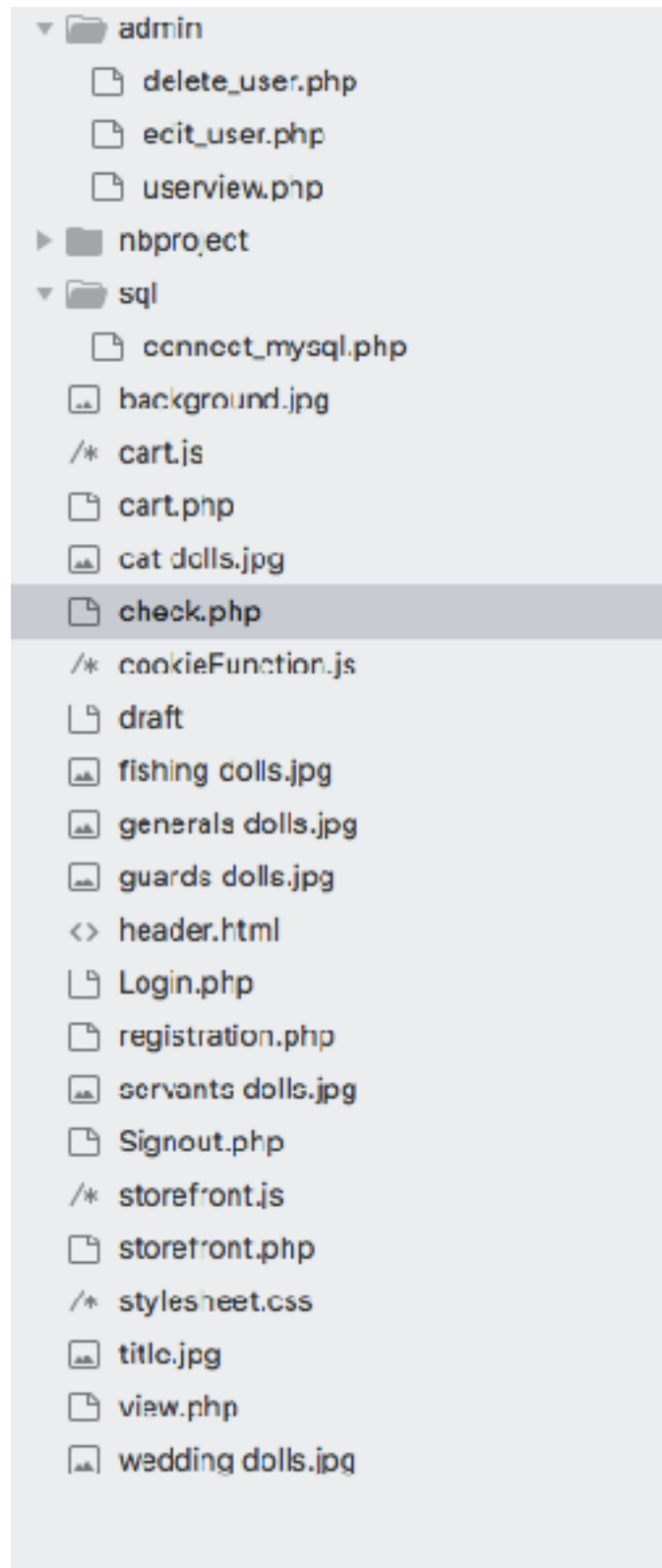
Shopping Cart Project

CS17B —-Yating Ge
Fall 2017

file list:

- **admin** / userview.php & edit_user.php & delete_user.php
- **sql** /connect_mysql.php
- **javascript**: cart.js & cookieFunction.js & storefront.js
- **php&html**: registration.php & Login.php & storefront.php & view.php & check.php & Signout.php
- **css**: stylesheet.css
- **images**

Github link



1) MVC - How you delineated your objects

- filename: storefront.js / cart.js

- code example:

```
storefront.js
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6
7  function Item(name, price, inventory) {
8      this.name = name;
9      this.price = price;
10     this.inventory = inventory;
11 }
12
13
14 Item.prototype.setName = function (name) {
15     this.name = name;
16 };
17
18 Item.prototype.setPrice = function (price) {
19     this.price = price;
20 };
21
22 Item.prototype.getName = function () {
23     return this.name;
24 };
25
26 Item.prototype.getPrice = function () {
27     return this.price;
28 };
29
30 Item.prototype.getInventory = function () {
31     return this.inventory;
32 };
33
34 Item.prototype.display = function () {
35     var x = this.name;
36     document.write("<div class = 'this.name' style = 'border: dotted pink 1px'>");
37     document.write("<p class= " + this.name + ">" + "Product Name: " + this.name + "</p>");
38     document.write("<p class= " + this.name + ">" + "Product Price: $ " + this.price + "</p>");
39     document.write("<center>");
41
42
43 };
```

2)Objects - Javascript/PHP - Serialization

Passing info with Javascript Objects to PHP Objects with Cookies

- filename: storefront.php/ Login.php/Signout.php/check.php.....
- code example:

```
Login.php
//check whether username and password have been registered!
$email_Err = "";
$password_Err = " ";
$username = " ";
if (isset($_POST['userInput']) && isset($_POST['passwordInput'])) {
    $username = mysqli_real_escape_string($conn, $_POST['userInput']);
    $sql = "SELECT Id_user, username, email, password FROM client_entity WHERE username = '" . $username . "'";
    $result = $conn->query($sql);
    $row = $result->fetch_assoc();
    $password = mysqli_real_escape_string($conn, $_POST['passwordInput']);

    if ($username != $row['username']) {
        $email_Err = "<p>your username is incorrect. please check them and try again!<br></p>";
    } elseif ($password != $row['password']) {
        $password_Err = "<p>your password is incorrect. please check them and try again!<br></p>";
    } else {
        echo "<script> window.location.assign('storefront.php'); </script>";
    }

    setcookie("username", $username, time() + (86400 * 30), "/");
}
?>

<body>
<div class="center">
```

```
Signout.php
1
2 <DOCTYPE html>
3 <html>
4 To change this license header, choose License Headers in Project Properties.
5 To change this template file, choose Tools | Templates
6 and open the template in the editor.
7 <title>
8 </title>
9 <body>
10 <div class="center">
11 <div class="text">
12 <p>You have signed out.</p>
13 </div>
14 <div class="text">
15 <p>Sign out successfully! You will be redirected to a new page in 5 seconds!</p>
16 </div>
17 </div>
18 </body>
19 </html>
```

3) Reading/Writing Files/Local Storage JSON - Javascript

- filename: registration.php/storefront.php/cart.php/
Login.php/Signout.php.....

- code example:

```
registration.php
<!--
To change this license header, choose License Headers in Project Properties.
To change this template file, choose Tools | Templates
and open the template in the editor.
-->

<html>
  <head>
    <meta charset="UTF-8">
    <title>Sign Up</title>
  </head>
  <body>

    <?php
    include "sql/connect_mysql.php";
    include "header.html";

    $passwordErr = "";
    $usernameErr = "";
    $emailErr = "";
    $rgst = ""; //register information

    if ($_SERVER["REQUEST_METHOD"] == "POST") {
      $username = $_POST["username"];
      $password = $_POST["password"];
      $email = $_POST["email"];

      //check if username is already taken
      $sql = "SELECT username FROM users WHERE username = '$username'";
      $result = mysqli_query($conn, $sql);
      if (mysqli_num_rows($result) > 0) {
        $usernameErr = "Username is already taken";
      }

      //check if email is already taken
      $sql = "SELECT email FROM users WHERE email = '$email'";
      $result = mysqli_query($conn, $sql);
      if (mysqli_num_rows($result) > 0) {
        $emailErr = "Email is already taken";
      }

      //check if password is strong enough
      if (strlen($password) < 6) {
        $passwordErr = "Password must be at least 6 characters long";
      }

      //if all checks pass, register the user
      if ($usernameErr == "" & $emailErr == "" & $passwordErr == "") {
        $sql = "INSERT INTO users (username, password, email) VALUES ('$username', '$password', '$email')";
        $result = mysqli_query($conn, $sql);
        if ($result) {
          $rgst = "Registration successful";
        } else {
          $rgst = "Registration failed";
        }
      }
    }
  </body>
</html>
```

```
storefront.php
var items = [
  new Item("test dolls", 5.5, 1),
  new Item("generals dolls", 5.5, 1),
  new Item("fishing dolls", 4.5, 1),
  new Item("wedding dolls", 5.6, 1),
  new Item("servants dolls", 5.6, 1),
  new Item("guards dolls", 6.6, 1),
];

var len = items.length;
for (var i = 0; i < items.length; i++) {
  items[i].display();
}

function redirectFunction(name){
  var product = name;
  localStorage.setItem("product",product);
  window.location.assign("view.php");
  for (var i = 0; i < items.length; i++) {
    if(items[i].name == name){
      var price = items[i].price;
      setCookie("price",price);
    }
  }
}
```

storefront.php

```
function CONTINUEFUNCTION(){
  var numItems = localStorage.getItem("numItems");
  if(getCookie("username")){
    var total = 0;
    for (var i = 0; i < numItems; i++) {
      var cart = JSON.parse(localStorage.getItem(i));
      var q = document.getElementById("quantity"+i).value;
      var amount = Number(q * cart.price).toFixed(2);
      document.getElementById("amount"+i).innerHTML = amount;
      total = total + amount;
    }
    document.getElementById("total").innerHTML = "Total Amount for the orders "+ Number(total).toFixed(2);

    var bankroll = Number(total).toFixed(2);
    setCookie("bankroll", bankroll,1);

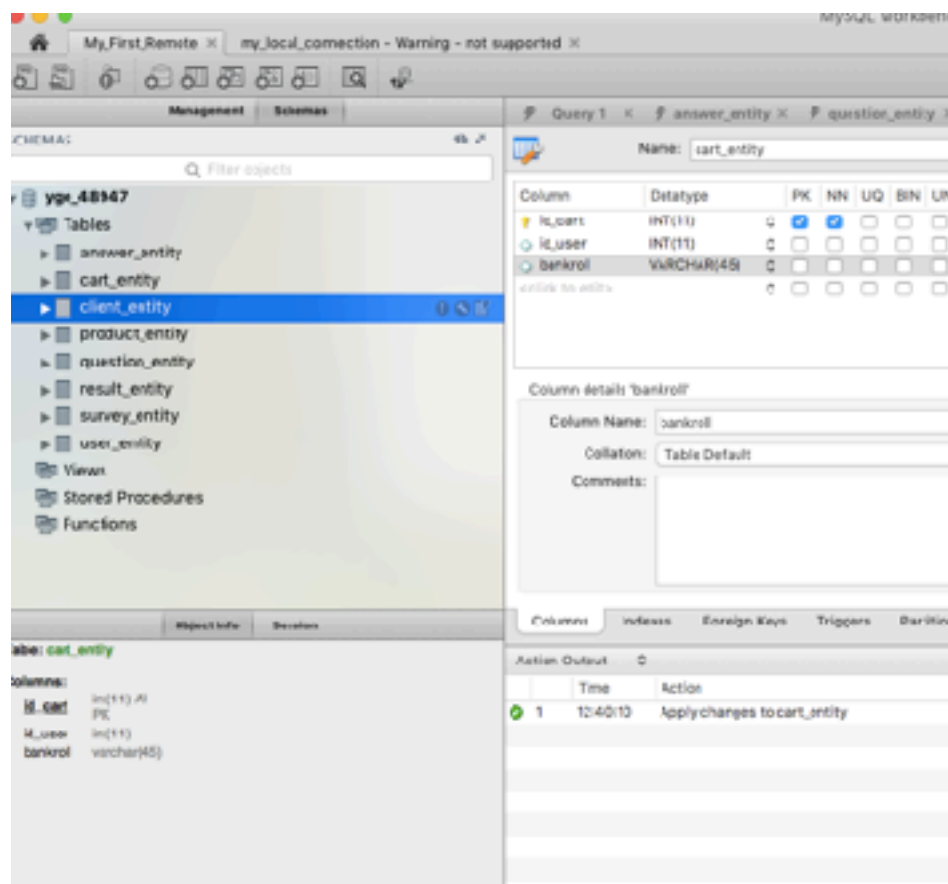
    document.write("<p id='total'>"+total+"</p>");

    function checkFunction(){
      window.location.assign("check.php");
    }
  }
}
```

cart.php

4) Databases SQL - Identify Entities, Xref, and Enum Tables

- filename: sql/connect_mysql.php & check.php
- code example:



check.php

```

and open the template in the editor.
-->

<html>
<head>
<title>Dolls from the Palace Museum </title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" type="text/css" href="stylesheet.css" >
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
</head>
<body>
<?php
include "sql/connect_mysql.php";
include "header.html";

if(isset($_COOKIE['username'])) {
    $username = $_COOKIE['username'];
    setcookie('username', $username, time() + (86400 * 30));
    echo "<p>Welcome to Doll Store! ". $username . "</p>";
} else {
    echo "<p>Please sign into your account for shopping!</p>";
}

$username = $_COOKIE['username'];

$id_user = "";
$sql = "SELECT id_user FROM client_entity WHERE username = " . $username . " ";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    $row = $result->fetch_assoc();
    $id_user = $row['id_user'];

    session_start();
    $_SESSION['bankroll'] = $_COOKIE['bankroll'];

    $bankroll = $_SESSION['bankroll'];

    if($bankroll){
        $sql = "INSERT INTO cart_entity (id_user, bankroll)
VALUES ('$id_user', '$bankroll')";
        if ($conn->query($sql) === TRUE) {
            echo "New cart created successfully!";
        }
    }
    session_unset();

    echo "<table align='center' cellpadding='5' cellspacing='5' width='75%'>
<tr>
<th>Cart Num</th>

```

5) Form Validation - Regular Expressions

- **filename:Login.php/registration.php...**
- **code example:**

```

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```

registration.php

6)User-Admin-Login

- filename: admin/userview.php&edit_user.php&delete_user.php
- code example:

```
edit_user.php
<body>
<?php
// put your code here
include '../sql/connect_mysql.php';

$url = $_SERVER['REQUEST_URI'];
$username = parse_url($url, PHP_URL_QUERY);

echo "<p>Edit users: " . $username . "</p>";

$sql = "SELECT Id_user, username, email, password FROM client_entity WHERE username = '" . $username . "'";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    $row = $result->fetch_assoc();
    echo "<form action = '' method = 'POST'>";
    User name: <input type = "text" name = "name" value = ' . $row['username'] . '><br><br>
    Email address: <input type = "text" name = "emailadd" value = ' . $row['email'] . '><br><br>
    Password: <input type = "text" name = "pswd" value = ' . $row['password'] . '><br>
    <input type = "submit" value = "Submit">
    </form>';
}

if (isset($_POST['name']) && $_POST['name'] != $username) {
    $sql = "UPDATE client_entity SET username= '" . $_POST['name'] . "' WHERE username = '" . $username . "'";
    if ($conn->query($sql) === TRUE) {
        echo "Username: Record has updated successfully<br>";
    } else {
        echo "Error updating records: " . $conn->error;
    }
}

if (isset($_POST['emailadd']) && $_POST['emailadd'] != $row['email']) {
    $sql = "UPDATE client_entity SET email= '" . $_POST['emailadd'] . "' WHERE username = '" . $username . "'";
    if ($conn->query($sql) === TRUE) {
        echo "Email: Record has updated successfully<br>";
    } else {
        echo "Error updating record: " . $conn->error;
    }
}

if (isset($_POST['pswd']) && $_POST['pswd'] != $row['password']) {
    $sql = "UPDATE client_entity SET password= '" . $_POST['pswd'] . "' WHERE username = '" . $username . "'";
    if ($conn->query($sql) === TRUE) {
        echo "Password: Record has updated successfully";
    } else {
        echo "Error updating records: " . $conn->error;
    }
}

echo "<p>Go back to userview page!Click <a href='userview.php'> </a></p>";
?>
```

edit_user.php

7)Cookies - Sessions - Securing Pages

- filename:Signout.php/check.php....

- code example:

```
<?php
include "sql/connect_mysql.php";
include "header.html";

if(isset($_COOKIE['username'])){
    $username = $_COOKIE['username'];
    setcookie("username", $username, time() + (86400 * 30));
    echo "<p>Welcome to Doll Store! ". $username . "</p>";
}else{
    echo "<p>Plese sign into your account for shopping!</p>";
}

$username = $_COOKIE['username'];

$id_user = "";
$sql = "SELECT id_user FROM client_entity WHERE username = '" . $username . "'";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    $row = $result->fetch_assoc();
    $id_user = $row['id_user'];

    session_start();
    $_SESSION['bankroll'] = $_COOKIE['bankroll'];

    $bankroll = $_SESSION['bankroll'];

    if($bankroll){
        $sql = "INSERT INTO cart_entity (id_user, bankroll)
VALUES ('$id_user', '$bankroll')";
        if ($conn->query($sql) === TRUE) {
            echo "New cart created successfully!";
        }
    }
    session_unset();

    echo "<table align='center' cellpadding='5' width='75%'>
<tr>
<th>Cart Num</th>
<th>Order Payment</th>
</tr>";

    $sql = "SELECT id_cert, bankroll FROM cart_entity WHERE id_user = '" . $id_user . "'";
    $result = $conn->query($sql);
    if ($result->num_rows > 0) {
        $i=0;
        while($row = $result->fetch_assoc()) {
```

check.php

Display: registration

filename: registration.php

KTVc/TeamBlackJack: BlackJack game for 178 Sign Up |



Dolls from the Palace Museum

Happy Fun Life

New record created successfully

*******Register Form*******

User Name: Note:only enter characters and numbers

Email:

Password: Note: 8 to 15 characters,with at least one uppercase letter, one lowercase letter, and one digit

Confirm Password:

Register successfully!

Go Back to Login page!Click [**here**](#)

Already a member![Join Us!](#)(Click for sign in)

Display: Login

filename: Login.php

KTVOyTeamBlackJack: Blackjack came for 173

Login Page: +



Welcome to Dolls Store

Enter your username:

Enter your password:

Not a member Yet? [Join Us!](#)(Click for sign up)

Display:storefront

filename: storefront.php



Display: view product filename: view.php

Welcome to Doll Store!finaltest

Dolls from the Palace Museum

Happy Fun Life

[GO!](#) [Sign Out!](#) [Sign In!](#)



product name: cat dolls
product price: \$5.5
In stock

- *Hand-crafted and Hand-painted
- *Oriental Collectible Doll Figurine
- *Home-Decor
- *Porcelain Figurine
- *Porcelain Collectible

[Add To Cart](#)

Display: add more items(go back)

filename: storefront.php + view.php

Welcome to Doll Storefinaltest

Dolls from the Palace Museum

Happy Fun Life

GO!

Sign Out!

Sign In!



product name: servants dolls

product price: \$6.6

In stock

- *Hand-crafted and Hand-painted
- *Oriental Collectible Doll Figurine
- *Home-Decor
- *Porcelain Figurine
- *Porcelain Collectible

Add To Cart

Display: Go to cart filename: cart.php



Happy Fun Life

Welcome to Doll Store!finaltest

[Sign Out!](#) [Sign In!](#)

[Confirm Order!](#) [Go for Check!](#)

Shopping Cart



cat dolls



servants dolls

Product Name	Price	Quantity	Amount
cat dolls	5.5	<input type="text" value="1"/>	5.50
servants dolls	6.6	<input type="text" value="1"/>	6.60

Display: change quantity

filename: cart.php



Dolls from the Palace Museum

Happy Fun Life

Welcome to Doll Store!finaltest

[Sign Out!](#) [Sign In!](#)

Total Amount for the order: 71.50

[Confirm Order!](#) [Go for Check!](#)

Shopping Cart

	Product Name	Price	Quantity	Amount
	cat dolls	5.5	<input type="text" value="1"/>	5.50
	servants dolls	6.6	<input type="text" value="10"/>	66.00

Display: check filename: check.php



Dolls from the Palace Museum

Happy Fun Life

Welcome to Doll Store!finaltest

New cart created successfully! [Sign Out!](#) [Sign In!](#)

Cart Num

12

Order Payment

71.50

Display: Sign out filename: signout.php

Dolls from the Palace Museum

Happy Fun Life

Welcome!



Sign Out!

Sign In!

Product Name: cat dolls

Product Price: \$ 5.5



Product Name: fishing dolls

Product Price: \$ 4.5



Product Name: servants dolls

Product Price: \$ 6.6



Product Name: generals dolls

Product Price: \$ 5.5



Product Name: wedding dolls

Product Price: \$ 6.6



Product Name: guards dolls

Product Price: \$ 6.6



Display: can't confirm order after sign out

filename: signout.php



Dolls from the Palace Museum

Happy Fun Life

Please sign into your account for shopping!

[Sign Out!](#) [Sign In!](#)

**

[Confirm Order!](#) [Go for Check!](#)

Shopping Cart



Product Name	Price	Quantity	Amount
cat dolls	\$5.5	<input type="text" value="1"/>	\$5.50

Display: admin

filename: userview.php

Edit	Delete	Username	Email	Password
Edit	Delete	user1	user1@example.com	User12345
Edit	Delete	user2	user2@example.com	User23456
Edit	Delete	test1	test1@example.com	TEST1abc
Edit	Delete	user88	user88@example.com	User88abc
Edit	Delete	London7	london7@example.com	London77
Edit	Delete	happy	happy@example.com	Happy123
Edit	Delete	final	final@example.com	Final1234
Edit	Delete	finaltest	finaltest@example.com	Finaltest17

Display: admin

filename: edit_user.php

Edit user: user1

User name:

Email address:

Password:

Username: Record has updated successfully

Go back to userview page!Click [***here***](#)

Display: admin

filename: delete_user.php

Do you want to continue to delete user12?

☐ Yes

☐ No

No record is deleted!

Go back to userview page!Click [***here***](#)