

# Shopping Cart Project

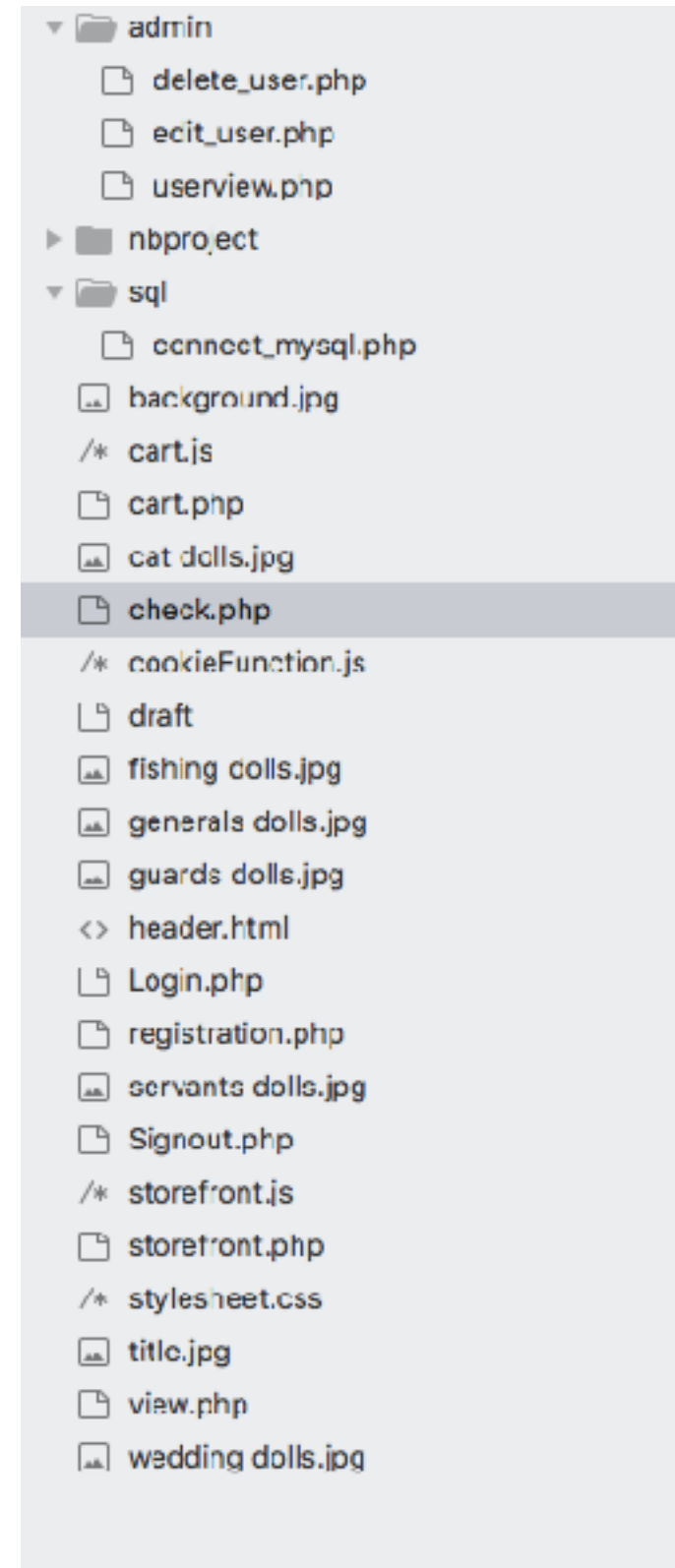
CS17B —-Yating Ge  
Fall 2017

# 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:

[https://github.com/yatingge/Yatingge\\_CIS\\_17b\\_Fall2017/tree/master/SCrtProj8](https://github.com/yatingge/Yatingge_CIS_17b_Fall2017/tree/master/SCrtProj8)



# 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:

```
54 $result = $conn->query($sql);
55 $row = $result->fetch_assoc();
56
57
58 $password = mysqli_real_escape_string($conn, $_POST['passwordInput']);
59 $password_hashed=$row['password'];
60
61
62 if ($username != $row['username']) {
63     $email_Err = "<p>your username is incorrect. please check then and try again!<br></p>";
64 } elseif (!password_verify($password, $password_hashed)) {
65     $pswd_Err = "<p>your password is incorrect. please check then and try again!</p><br>";
66 } else {
67     echo "<script> window.location.assign('storefront.php'); </script>";
68 }
69
70
71 setcookie("username", $username, time() + (86400 * 30), "/");
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89 <body>
90 <div class="center">
91 <h1>Welcome to Dolls Stores</h1>
92
93 <!-- <div class="admin">
94 <button class="button" onclick="window.location.assign('userview.php')">Admin-Click here!</button>
95 </div> -->
96
97 <form action="" method="POST">
98 <h4>Enter your username:<input type="text"
99 placeholder="username"
100 name="usernameInput"
```

**Login.php**

```
1
2
3 <!--
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
8 <html>
9 <head>
10 <title>Login Page</title>
11
12 </head>
13 <body>
14 <div class="center">
15 <h1>Welcome to Dolls Stores</h1>
16
17 <!-- <div class="admin">
18 <button class="button" onclick="window.location.assign('userview.php')">Admin-Click here!</button>
19 </div> -->
20
21 <form action="" method="POST">
22 <h4>Enter your username:<input type="text"
23 placeholder="username"
24 name="usernameInput"
25
26 </form>
27
28 </body>
29 </html>
```

**Signout.php**

### 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 = "";
$reqst = ""; //register information

if ($_SERVER["REQUEST_METHOD"] == "POST") {

```

```

var items = [
  new Item("cat dolls", 5.5, 1),
  new Item("generals dolls", 5.5, 1),
  new Item("fishing dolls", 4.5, 1),
  new Item("wedding dolls", 6.6, 1),
  new Item("servants dolls", 5.6, 1),
  new Item("guards dolls", 8.8, 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+i * amount+i;
        }
        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>");
}

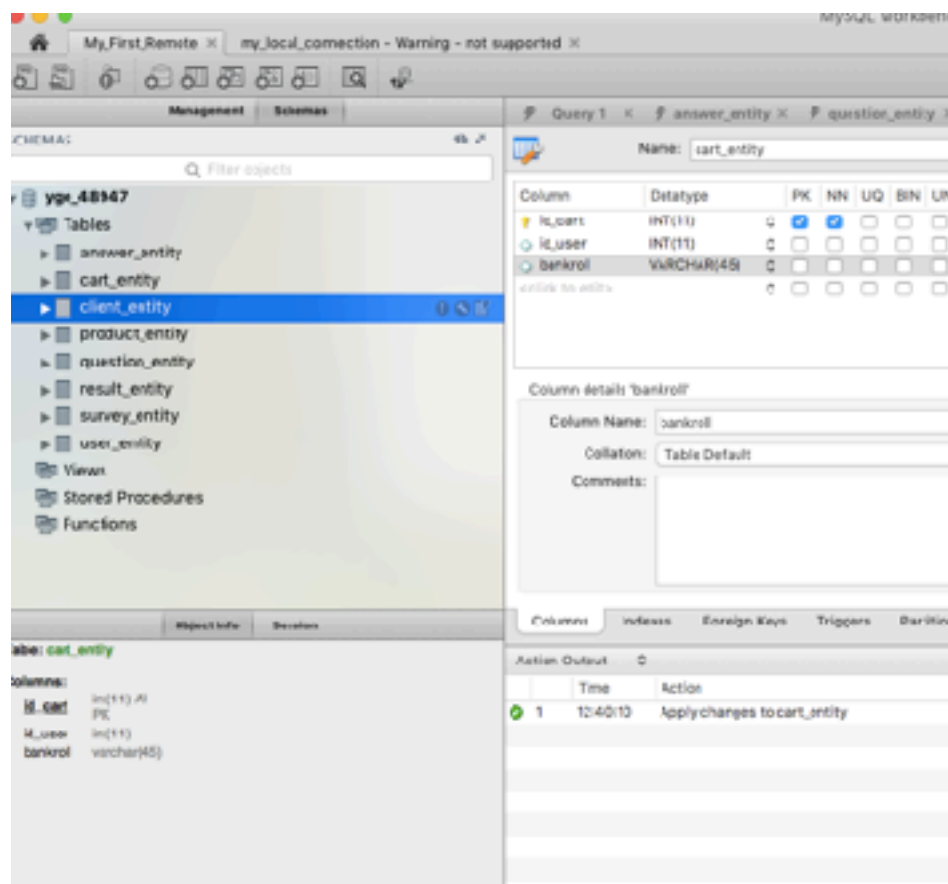
function checkFunction(){
    window.location.assign('check.php');
}
```

cart.php

# 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:

```
registration.php
<?php
$usernameErr = "Error! " . $username . " already exists in the database!";
} elseif ($count == 1) {
    $emailErr = "Error! " . $email . " already exists in the database!";
} else {
    $sql = "INSERT INTO client_entity (username, email, password)
VALUES ('$username', '$email', '$password')"; // The sha1() function uses the US Secure Hash Algorithm 1.

    if ($conn->query($sql) === TRUE) {
        echo "New record created successfully!";
        $msg = "Register successfully!<br>Go Back to Login page!<a href='Login.php'> </a></p>";
    } else {
        echo "Errors! " . $sql . "<br>" . $conn->error;
    }
}
}
}

<div>Register Form</div>

<form class="form" action="registration.php" method="post" enctype="multipart/form-data" autocomplete="off">
    <p>User Name: <input type="text" placeholder="User Name" name="username" required
    pattern="^[a-zA-Z0-9]{2,15}$" size="80"/>
    <span>Note: only enter characters and numbers</span>
    <span style="color:red"><?php echo $usernameErr; ?></span></p>

    <p>Email:
    <input type="email" placeholder="Email" name="email" required
    pattern="^[a-zA-Z0-9_+@-]{2,64}$"
    title="valid email address" size="80"/>
    <span style="color:red"><?php echo $emailErr; ?></span></p>

    <p>Passwords:
    <input type="password" placeholder="Password" name="password1" required
    pattern="^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[!@#$%^&*~`|}{:;"])(?=[a-zA-Z\d!@#$%^&*~`|}{:;"]{8,15})$"
    title="8 to 15 characters, with at least one uppercase letter, one lowercase letter, and one digit" size="80"/>
    <span>Note: 8 to 15 characters, with at least one uppercase letter, one lowercase letter, and one digit</span></p>

    <p>Confirm Password: <input type="password" placeholder="Confirm Password" name="password2" size="80" required/>
    <span style="color:red"><?php echo $passwordErr; ?></span></p>

    <input type="submit" value="Register" name="register" />

    <?php echo $msg; ?>

    <h4>Already a member?<a href="Login.php">Join Us!</a></h4></div>

</form>
```

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='0' cellspacing='5' width='75%'>
<tr>
<th>Cart Num</th>
<th>Order Payment</th>
</tr>";

$sql = "SELECT id_cart, 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

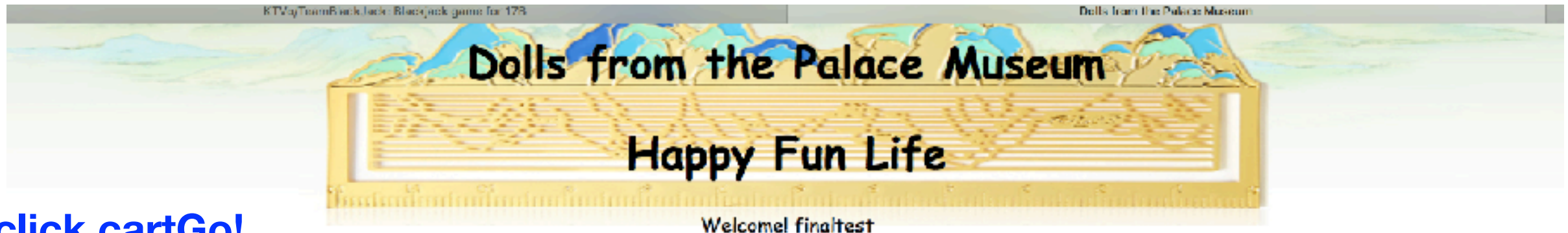
Enter your username:

Enter your password:

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



# Display:storefront filename: storefront.php



->click cartGo!



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



->click-image go to view



# Display: view product

filename: view.php

Welcome to Doll Storefinaltest

## Dolls from the Palace Museum

Happy Fun Life

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



故宫淘宝



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](#) [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

->Change the quantity by input the num



# Display: change quantity

## filename: cart.php



### 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

->confirm order show quantity

# Display: check filename: check.php



->go for check, show the cart

# Display: Sign out filename: signout.php



 **GO!**

->After sign out, the username disappear

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 folder

## filename: userview.php

\*\*\*\*\*

\*\*\*\*\*

Edit	Delete	Username	Email	Password
<a href="#">Edit</a>	<a href="#">Delete</a>	Jim	j@example.com	\$2y\$10\$TNVcMzLdnmGonQNlznDGvOs.eCeJ/FxjuIYLlp
<a href="#">Edit</a>	<a href="#">Delete</a>	aa	aa@example.com	\$2y\$10\$cNcklfdBmbEgf6boZZVYOOA.K9nvO97gdxGF8x
<a href="#">Edit</a>	<a href="#">Delete</a>	hb	hb@example.com	\$2y\$10\$29sJDRqjgUtiPlJhe92nZJubywSC5yIDNlDxZNVm0
<a href="#">Edit</a>	<a href="#">Delete</a>	cc	c@example.com	\$2y\$10\$Bw1D6A/m0Sbi7hCvELT78O6rYDW1St99XyyR.G
<a href="#">Edit</a>	<a href="#">Delete</a>	dd	dd@example.com	\$2y\$10\$Z5FBzuBP/NzrLOSuzwQPe4T33csRqxbWEY7gm
<a href="#">Edit</a>	<a href="#">Delete</a>	Example1	ex@example.com	\$2y\$10\$6yk5eM27fngKC241SwkBEObumTnBoDDx4WhmDEIMwX2tJZ9Wlle86

->password encrypted

# Display: admin folder filename: edit\_user.php

\*\*\*\*\*

\*\*\*\*\*

Edit user: Example1

User name:

Email address:

Password:

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

# Display: admin folder

## filename: delete\_user.php

\*\*\*\*\*

\*\*\*\*\*

Do you want to continue to delete user12?

☐ Yes

☐ No

No record is deleted! ->After click no

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