# 总结

这个主要是练习ajax请求的 后端采用的pdo的方式

遇见了很多奇奇怪怪的bug，写代码逻辑要求全面细致

具体的代码看blog即可，里面很详细！

# 内容

这个项目是采用ajax进行完成的购物车的操作

# 原理



# 添加

## 商品详情显示product.php

这个就是商品详情页面，可以进行添加商品的信息

<!DOCTYPE html>  
<html>  
<title>**商品详情页，添加商品**</title>  
<script src**="https://code.jquery.com/jquery-3.3.1.min.js"**></script>  
<link rel**="shortcut icon"** href**="http://localhost/upload/favicon.ico"**>  
<link rel**="icon"** href**="http://localhost/upload/animated\_favicon.gif"** type**="image/gif"**>  
<link href**="./resource/style.css"** rel**="stylesheet"** type**="text/css"**>  
<script type**="text/javascript"** src**="./js/addCart.js"**></script>  
  
  
<div>  
 <ul class**="bnt\_ul"**>  
 <li class**="clearfix"**>  
 <dd>  
 <strong>**购买数量：**</strong>  
 <input name**="number"** type**="text"** id**="number"** value**="1"** size**="4"** onblur**=""** style**="***border*:1**px solid** #ccc; **"**>  
 <strong>**商品总价：**</strong>  
 </dd>  
 </li>  
  
 <li class**="padd"**>  
 <a href**="javascript:addCart(12);"**>  
 <img src**="./resource/goumai2.gif"**>  
 </a>  
 </li>  
 </ul>  
</div>  
</html>  
  
  
<!--获取商品的详细信息-->  
<?php  
try {  
 *session\_start*();  
 $pdo = new PDO("mysql:host=localhost;dbname=test1", "root", "root", array(PDO::*ATTR\_ERRMODE* => PDO::*ERRMODE\_EXCEPTION*));  
 $pdo->query("set names utf8");  
 $sql = "select \* from shop\_product where id=?";  
 $stmt = $pdo->prepare($sql);  
 $stmt->execute(array($\_GET['productid']));  
 $data = $stmt->fetch(PDO::*FETCH\_ASSOC*);  
} catch (PDOException $e) {  
 echo $e->getMessage();  
}  
?>

## 购物车添加数据的逻辑处理addCart.php

### 思路

采用pdo的方式进行处理数据，如果之前存在的商品，那么只是改变数量update

如果之前不存在商品的话，就进行新增insert

### 过程

// 1.接受数据  
// 2.处理数据  
// 3.完成添加  
// 4.返回结果

### pdo的步骤

//1.链接pdo  
 //2.使用query设置字符集  
 //3.写出sql语句  
 //4.预处理prepare  
 //5.执行execute  
 //6.取回fetch

### 代码

<?php  
// 1.接受数据  
// 2.处理数据  
// 3.完成添加  
// 4.返回结果  
  
$productid = *intval*($\_POST['productid']);  
$num = *intval*($\_POST['num']);  
  
*session\_start*();  
  
$userid = 1;  
  
try {  
 //1.链接pdo  
 //2.使用query设置字符集  
 //3.写出sql语句  
 //4.预处理prepare  
 //5.执行execute  
 //6.取回fetch  
 $pdo = new PDO("mysql:host=localhost;dbname=test1", "root", "root",  
 array(PDO::*ATTR\_ERRMODE* => PDO::*ERRMODE\_EXCEPTION*));  
 $pdo->query("set names utf8");  
 $sql = "select price from shop\_product where id=*?*";  
 $stmt = $pdo->prepare($sql);  
 $stmt->execute([$productid]);  
 $data = $stmt->fetch(PDO::*FETCH\_ASSOC*);  
  
 $price = $data['price'];  
 $create = *time*();  
  
 $sql = "select \* from shop\_cart where productid=*?*";  
 $stmt = $pdo->prepare($sql);  
 $stmt->execute([$productid]);  
 $data = $stmt->fetch(PDO::*FETCH\_ASSOC*);  
 $originnum = $data['num'];  
  
 $rows = $stmt->rowCount();  
 //如果之前有的话  
 if ($rows) {  
 $sql = "update shop\_cart set num=*?* where productid=*?*";  
 $stmt = $pdo->prepare($sql);  
 $nownum = $originnum + $num;  
 $stmt->execute([$nownum, $productid]);  
 $rows = $stmt->rowCount();  
 res($rows, []);  
 } else {  
 //如果之前没有的话  
 $sql = "insert into shop\_cart (id,productid,userid,num,price,createtime)   
 values(*?*,*?*,*?*,*?*,*?*,*?*)";  
 $stmt = $pdo->prepare($sql);  
 $stmt->execute([null, $productid, $userid, $num, $price, $create]);  
 $rows = $stmt->rowCount();  
 res($rows, $data);  
 }  
} catch (PDOException $e) {  
 echo $e->getMessage();  
}  
  
function res(*$rows*, *$data*)  
{  
 if (*$rows*) {  
 $response = [  
 "code" => 1,  
 "mes" => "success",  
 "price" => *$data* ];  
 echo *json\_encode*($response);  
 die();  
 } else {  
 $response = [  
 "code" => 0,  
 "mes" => "fail"  
 ];  
 echo *json\_encode*($response);  
 die();  
 }  
}

### ajax进行请求addCart.js

function addCart(*productid*) {  
 alert("点击购物车");  
 var url = "addCart.php";  
 var data = {"productid": productid, "num": parseInt($("#number").val())};  
 var success = function (response) {  
 if (response.code == 1) {  
 alert('加入购物车成功');  
 } else {  
 alert('加入购物车失败');  
 }  
 };  
 $.post(url, data, success, "json");  
}

# 展示与修改数量

## 展示购物车的信息Cart.php

<!DOCTYPE html>  
<html xmlns**="http://www.w3.org/1999/xhtml"** xmlns:wb**="“http://open.weibo.com/wb”"**><head><meta http-equiv**="Content-Type"** content**="text/html; charset=UTF-8"**>  
 <meta name**="Generator"** content**="商城"**>  
 <meta name**="Keywords"** content**=""**>  
 <meta name**="Description"** content**=""**>  
 <title>**购物车页面**</title>  
 <link rel**="shortcut icon"** href**="http://localhost/upload/favicon.ico"**>  
 <link rel**="icon"** href**="http://localhost/upload/animated\_favicon.gif"** type**="image/gif"**>  
 <link href**="./resource/style.css"** rel**="stylesheet"** type**="text/css"**>  
 <script type**="text/javascript"** src**="./resource/common.js"**></script>  
 <script src**="https://code.jquery.com/jquery-3.3.1.min.js"**></script>  
 <script type**="text/javascript"** src**="./resource/shopping\_flow.js"**></script>  
 <script type**="text/javascript"** src**="./js/delPro.js"**></script>  
</head>  
<body>  
  
<div class**="block table"**>  
 <div class**="flowBox"**>  
 <form id**="formCart"** name**="formCart"** method**="post"** action**="http://localhost/upload/flow.php"**>  
 <table width**="99%"** align**="center"** border**="0"** cellpadding**="5"** cellspacing**="1"** bgcolor**="#dddddd"**>  
 <tbody>  
 <tr>  
 <th bgcolor**="#ffffff"**>**图片**</th>  
 <th bgcolor**="#ffffff"**>**单价**</th>  
 <th bgcolor**="#ffffff"**>**购买数量**</th>  
 <th bgcolor**="#ffffff"**>**修改数量**</th>  
 <th bgcolor**="#ffffff"**>**总计价格**</th>  
 </tr>  
  
  
<!--这里是在进行查询购物车的相关信息-->  
<?php  
try{  
 *session\_start*();  
 $pdo = new PDO("mysql:host=localhost;dbname=test1", "root", "root",  
 array(PDO::*ATTR\_ERRMODE* => PDO::*ERRMODE\_EXCEPTION*));  
 $pdo->query("set names utf8");  
 $sql="select \* from shop\_product p left join shop\_cart c on p.id=c.productid where userid=*?*";  
 $stmt=$pdo->prepare($sql);  
 //模拟用户的id  
 $\_SESSION['a']=1;  
 $userid=$\_SESSION['a'];  
 $stmt->execute([$userid]);  
 $res=$stmt->fetchAll(PDO::*FETCH\_ASSOC*);  
 *var\_dump*($res);  
}catch(PDOException $e){  
 echo $e->getMessage();  
}  
?>  
  
<?php foreach ($res as $k=>$v):?>  
 <tr class**="products"** id**="**<?php echo 'tr'.$v['productid']?>**"**>  
 <td align**="center"** bgcolor**="#ffffff"**><img src**="**<?php echo $v['title'];?>**"**></td>  
 <td align**="center"** bgcolor**="#ffffff"**><span id**="**<?php echo $v['productid']?>**"**><?php echo $v['price'];?></span></td>  
 <td align**="center"** bgcolor**="#ffffff"**><span id**="11"**><?php echo $v['num'];?></span></td>  
 <td align**="center"** bgcolor**="#ffffff"**>  
 <input type**="text"** name**="goods\_number"** value**="**<?php echo $v['num']?>**"** onblur**="**changeNum(<?php echo $v['productid'];?>,this.value)**"**>  
 <script type**="text/javascript"** src**="./js/changeNum.js"**></script>  
 </td>  
 <td align**="center"** bgcolor**="#ffffff"**><span id**="total"**><?php echo $v['num']\*$v['price'];?></span></td>  
 <td align**="center"** bgcolor**="#ffffff"**>  
 <a href**="javascript:delPro(**<?php echo $v['productid'];?>**);"** class**="f6"**>**删除**</a>  
 </td>  
 </tr>  
<?php endforeach;?>  
  
</tbody>  
</table>  
</form>  
</div>  
</div>  
</body>  
</html>

## 后台的修改数量的展示changeNum.php

<?php  
// 1.接受数据  
// 2.处理数据  
// 3.完成添加  
// 4.返回结果  
  
$productid = *intval*($\_POST['productid']);  
$num = *intval*($\_POST['num']);  
  
*session\_start*();  
  
$userid = 1;  
  
try {  
 $pdo = new PDO("mysql:host=localhost;dbname=test1", "root", "root",  
 array(PDO::*ATTR\_ERRMODE* => PDO::*ERRMODE\_EXCEPTION*));  
 $pdo->query("set names utf8");  
 $sql = "select price from shop\_product where id=*?*";  
 $stmt = $pdo->prepare($sql);  
 $stmt->execute([$productid]);  
 $data = $stmt->fetch(PDO::*FETCH\_ASSOC*);  
  
 $price = $data['price'];  
 $create = *time*();  
  
 $sql = "select \* from shop\_cart where productid=*?*";  
 $stmt = $pdo->prepare($sql);  
 $stmt->execute([$productid]);  
 $data = $stmt->fetch(PDO::*FETCH\_ASSOC*);  
 $originnum = $data['num'];  
  
 $rows = $stmt->rowCount();  
 //如果之前有的话  
 if ($rows) {  
 $sql = "update shop\_cart set num=*?* where productid=*?*";  
 $stmt = $pdo->prepare($sql);  
 $nownum = $num;  
 $stmt->execute([$nownum, $productid]);  
 $rows = $stmt->rowCount();  
 res($rows, []);  
 } else {  
 //如果之前没有的话  
 $sql = "insert into shop\_cart (id,productid,userid,num,price,createtime)   
 values(*?*,*?*,*?*,*?*,*?*,*?*)";  
 $stmt = $pdo->prepare($sql);  
 $stmt->execute([null, $productid, $userid, $num, $price, $create]);  
 $rows = $stmt->rowCount();  
 res($rows, $data);  
 }  
} catch (PDOException $e) {  
 echo $e->getMessage();  
}  
  
function res(*$rows*, *$data*)  
{  
 if (*$rows*) {  
 $response = [  
 "code" => 1,  
 "mes" => "success",  
 "price" => *$data* ];  
 echo *json\_encode*($response);  
 die();  
 } else {  
 $response = [  
 "code" => 0,  
 "mes" => "fail"  
 ];  
 echo *json\_encode*($response);  
 die();  
 }  
}

## 修改数量的ajax请求changeNum.js

function changeNum(*productid*, *num*) {  
 $.ajax({  
 url: "changeNum.php",  
 data: {'productid': *productid*, 'num': *num*},  
 type: 'post',  
 success: function (*response*) {  
 var price = (parseInt($("#" + *productid*).html())) \* *num*;  
 $("#total").html(price);  
 },  
 error: function (*data*) {  
 alert("fail");  
 }  
 });  
}

# 删除购物车商品

## 删除的ajax请求delPro.js

function delPro(*productid*){  
 $.ajax({  
 url:"del.php",  
 type:'post',  
 data:{"productid":*productid*},  
 dataType:"json",  
 success:function(*response*){  
 alert("1");  
 $("#tr"+*productid*).remove();  
 },  
 error:function (response) {  
 alert("2");  
 }  
 });  
}

## 删除商品的业务逻辑del.php

<?php  
$productid=$\_POST['productid'];  
  
try{  
 //1.链接pdo  
 //2.使用query设置字符集  
 //3.写出sql语句  
 //4.预处理prepare  
 //5.执行execute语句sql  
 //6.取回fetch  
 //7.行数rowCount  
 $pdo = new PDO("mysql:host=localhost;dbname=test1", "root", "root",array(PDO::*ATTR\_ERRMODE* => PDO::*ERRMODE\_EXCEPTION*));  
 $pdo->query("set names utf8");  
 $sql="delete from shop\_cart where productid=*{*$productid}";  
 $stmt=$pdo->prepare($sql);  
 $stmt->execute([$productid]);  
  
 $res=[  
 'code'=>1,  
 'res'=>$productid  
 ];  
 $res=*json\_encode*($res);  
 echo $res;  
 die();  
  
}catch(PDOException $e){  
 *var\_dump*("错误");  
 echo $e->getMessage();  
}