期末專案報告

YAPPI_網路購物平台

第六組

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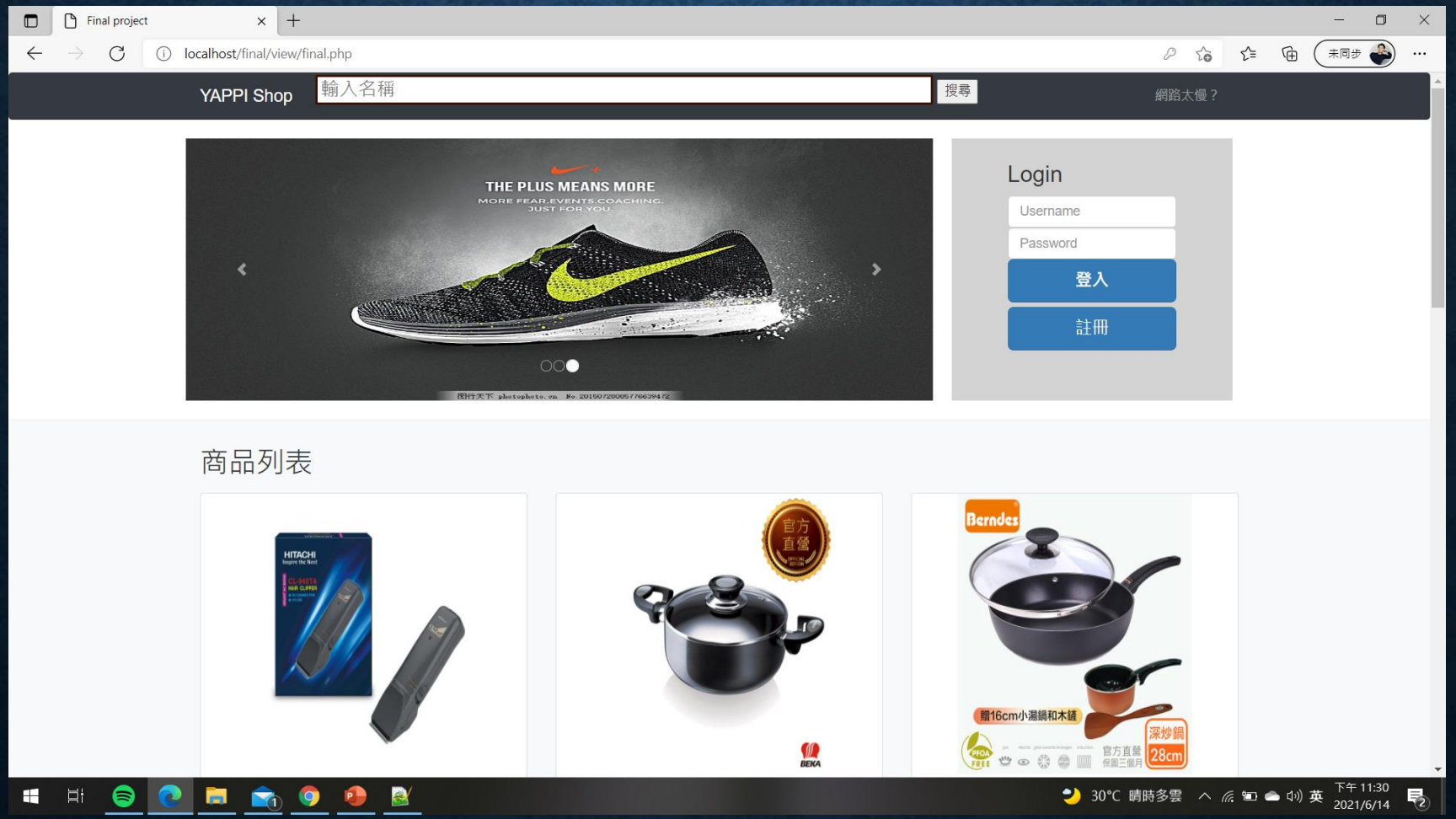
多功能網路購物平台



專案分工

姓名	貢獻百分比(%)	負責項目
郭盈均	20%	Demo文案編輯 CSS和html框架設計 貨架頁面設計
黃宇生	20%	修改資料庫 架設個人化貨架和搜尋功能 製作網路速度檢測
劉冠銘	20%	首頁前端 協助資料庫設計、購物車前後端結合 ERmodel
羅名志	20%	首頁css 購物車頁面 註冊登入功能
張恩瑜	20%	結帳功能 協助資料庫設計

專案動機

近年來隨著電子商務興起，各行各業皆致力於電商開發、網路行銷，了解市場趨勢後，我們希望可以建構一個**多功能電商購物平台**，不僅優化買賣雙方在使用上的效率與滿意程度，再開發多項新功能，期許藉由這次專案開發，了解網站架設原理，並且深入研究購物平台的生態，學習現代商業趨勢。

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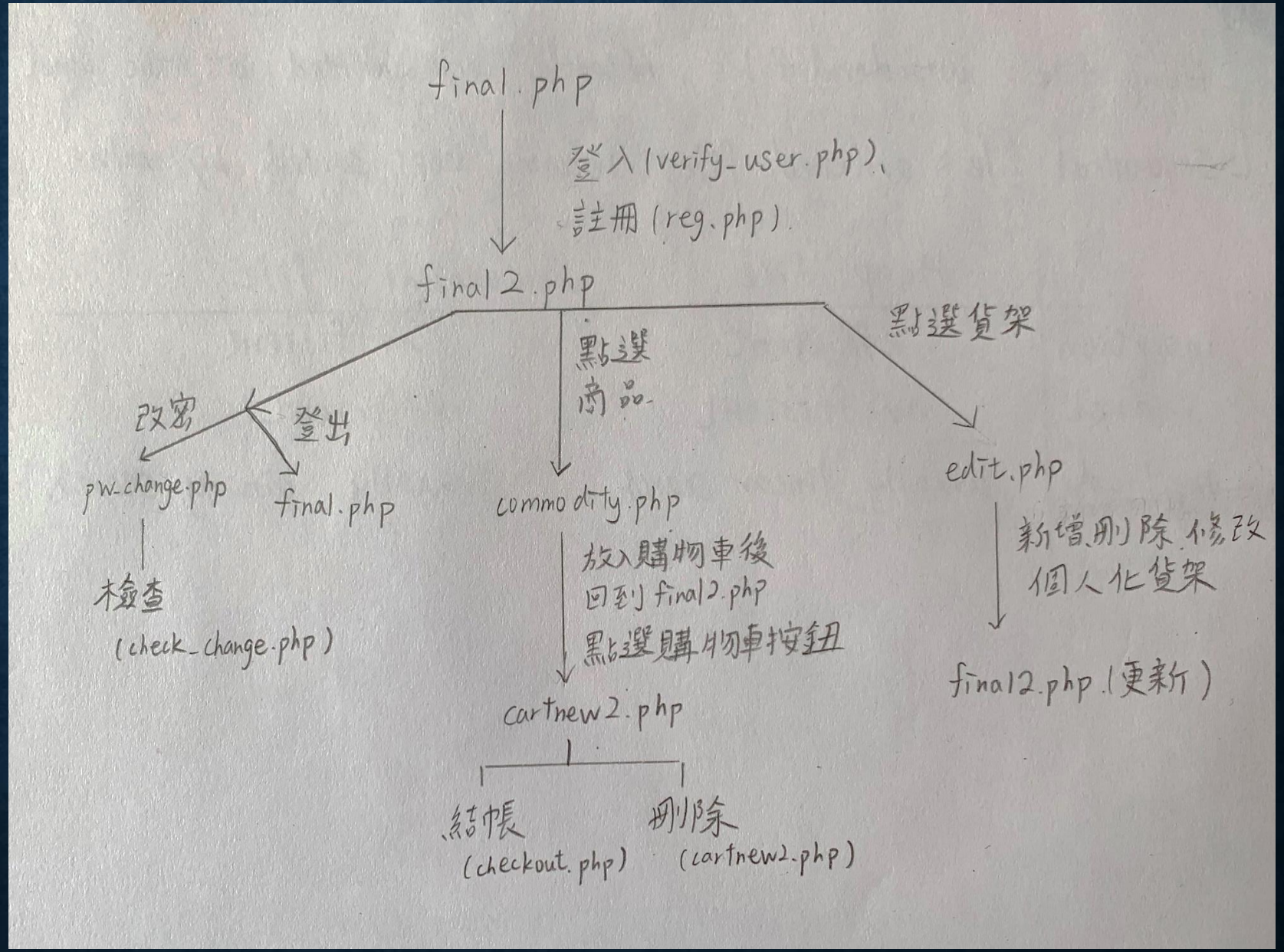
網頁大綱
(流程圖)



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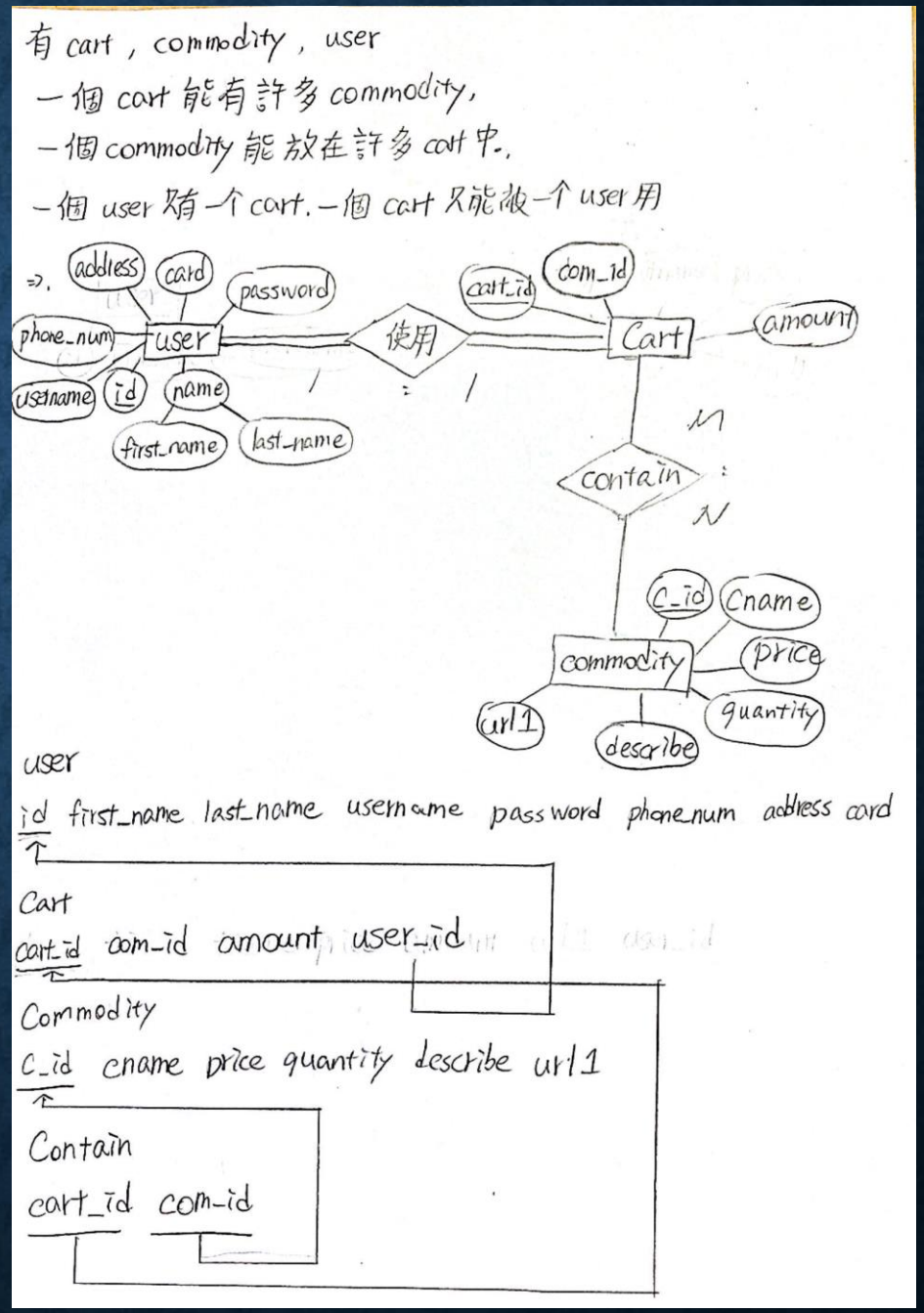
ER-MODEL & DATABASE SCHEMA



功能簡介與特色

登入、註冊(final.php)

登出、更改密碼(final2.php)

個人化貨架(final2.php)

購物車(final2.php)

模糊搜尋(final2.php)

(程式碼在Demo中有詳細解釋)

主功能CODE介紹(登入)

```
<form
id="form"
class="form-signin"
method=""
action=""
>
<h3 class="form-signin-heading">Login</h3>
<input
    id="username"
    name="username"
    type="text"
    class="form-control"
    placeholder="Username"
    required=""

>
<input
    id="password"
    name="password"
    type="password"
    class="form-control"
    placeholder="Password"
    required=""
>

<button
    class="btn btn-lg btn-primary btn-block"
    name="submit"
    value="Login"
    type="submit"

><b>登入</b></button>
<input type="button" class="btn btn-lg btn-primary btn-block" value="註冊" onclick="location.href='reg.php'" >

</form>
```

```
<script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
    <script>
      //當文件準備好時，
      $(document).on("ready", function() {
                //當表單 sumbit 出去的時候
                $("form.form-signin").on("submit", function(){
                  //使用 ajax 送出 帳密給 verify_user.php
                    $.ajax({
            type : "POST",
            url : "../verify_user.php",
            data : {
              un : $("#username").val(), //使用者帳號
              pw : $("#password").val() //使用者密碼
            },
            dataType : 'html' //設定該網頁回應的會是 html 格式
          }).done(function(data) {

            console.log(data);
            if(data == "yes")
            {

              window.location.href = "final2.php";
            }
            else
            {
              alert("登入失敗，請確認帳號密碼");
            }

          }).fail(function(jqXHR, textStatus, errorThrown) {

            alert("有錯誤產生，請看 console log");
            console.log(jqXHR.responseText);
          });

          return false;
              });
      });
    </script>
```

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主功能CODE介紹(登入_續)

```
<thead>
    <tr>
        <td>USERNAME</td>
        <td><?php echo $_SESSION['username'] ?></td>
    </tr>
</thead>
<tbody>
    <tr>
        <td>PHONE</td>
        <td><?php echo $_SESSION['phone'] ?></td>
    </tr>
    <tr>
        <td>CARD</td>
        <td><?php echo $_SESSION['card'] ?></td>
    </tr>

    <tr>
        <td>ADDRESS</td>
        <td><?php echo $_SESSION['add'] ?></td>
    </tr>
</tbody>
```

```
<?php

require_once 'db.php';
@session_start();
function verify_user($username, $password)
{

  $result = null;
  //先把密碼用md5加密
  $password = md5($password);

  $sql = "SELECT * FROM `user` WHERE `username` = '{$username}' AND `password` = '{$password}'";


  $query = mysqli_query($_SESSION['link'], $sql);

  //如果請求成功
  if ($query)
  {

    if(mysqli_num_rows($query) == 1)
    {

      //取得使用者資料
      $user = mysqli_fetch_assoc($query);


    //setcookie("is_login",true);
    //setcookie("username",$user['username']);
    //setcookie("password",$user['password']);
    //setcookie("ident",$user['ident']);

    //setcookie("reg_date",$user['reg_date']);
    //setcookie("gender",$user['gender']);


    //setcookie("LAST_ACTIVITY",$_SERVER['REQUEST_TIME']);

    $_SESSION['is_login'] = TRUE;
    $_SESSION['username'] = $user['username'];
    $_SESSION['password'] = $user['password'];
    $_SESSION['card'] = $user['card'];
    $_SESSION['phone'] = $user['phone_num'];
    $_SESSION['lname'] = $user['last_name'];
    $_SESSION['LAST_ACTIVITY'] =$_SERVER['REQUEST_TIME'];
    $_SESSION['add'] = $user['address'];
    $_SESSION['id']=$user['id'];



      $result = true;
    }

  }
  else
  {
    echo "{$sql} 語法執行失敗，錯誤訊息：" . mysqli_error($_SESSION['link']);
  }

  //回傳結果
  return $result;
}




if(verify_user($_POST['un'], $_POST['pw']))
{
    //若為true 代表登入成功，印出yes
    echo 'yes';
}
else
{
    //若為 null 或者 false 代表失敗
    echo 'no';
}

?>
```

主功能CODE介紹(註冊)

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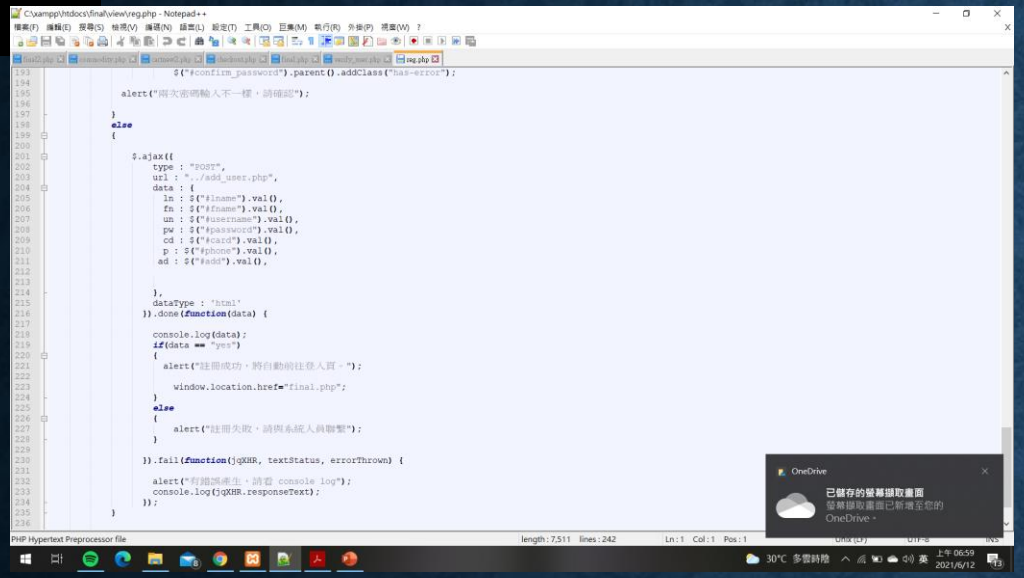


```
<div id="space"></div>

    <div class="content">
      <div class="container">

        <div class="row">

          <div class="col-xs-12 col-sm-4 col-sm-offset-4">
            <form class="register">
             <div class="form-group">
                <label for="username">Lname</label>
                <input type="text" class="form-control" id="lname" name="lname" placeholder="請輸入名字" required>
              </div>
              <div class="form-group">
                <label for="username">Fname</label>
                <input type="text" class="form-control" id="fname" name="fname" placeholder="請輸入姓氏" required>
              </div>

              <div class="form-group">
                <label for="username">Username</label>
                <input type="text" class="form-control" id="username" name="username" placeholder="請輸入帳號" required>
              </div>
              <div class="form-group">
                <label for="password">Password</label>
                <input type="password" class="form-control" id="password" name="password" placeholder="請輸入密碼" required>
              </div>
              <div class="form-group">
                <label for="confirm_password">Confirm Password </label>
                <input type="password" class="form-control" id="confirm_password" name="password" placeholder="請再次輸入密碼" required>
              </div>
              <div class="form-group">
                <label for="username">Card</label>
                <input type="text" class="form-control" id="card" name="card" placeholder="請輸入帳號" required>
              </div>
              <div class="form-group">
                <label for="username">Phone-number</label>
                <input type="tel" class="form-control" id="phone" name="phone" placeholder="請輸入電話號碼"  required>
              </div>
               <div class="form-group">
                <label for="username">Address</label>
                <input type="text" class="form-control" id="add" name="add" placeholder="請輸入地址"  required>
              </div>
```

```
$(document).on("ready", function() {

        $("#username").on("keyup", function(){

        var keyin_value = $(this).val();

        if(keyin_value != '')
        {


            $.ajax({
                type : "POST",
                url : "../check_username.php",
                data : {
                  un: $(this).val()
                },
                dataType : 'html'
              }).done(function(data) {

                console.log(data);
                if(data == "yes")
                {

                    $("#username").parent().removeClass("has-error").addClass("has-success");

                    $("form.register button[type='submit']").removeClass('disabled');
                }
                else
                {
                    alert("帳號有重複，不可以註冊");
                    $("#username").parent().removeClass("has-success").addClass("has-error");

            $("form.register button[type='submit']").addClass('disabled');
                }

              }).fail(function(jqXHR, textStatus, errorThrown) {

                alert("有錯誤產生，請看 console log");
                console.log(jqXHR.responseText);
              });
        }
        else
        {
```

主功能CODE介紹 (註冊_續)

```php
<?php

require_once 'db.php';
@session_start();


function check_has_email($card)
{


  $result = null;


  $sql = "SELECT * FROM `user` WHERE `card` = '{$card}';";


  $query = mysqli_query($_SESSION['link'], $sql);


  if ($query)
  {

    if (mysqli_num_rows($query) >= 1)
    {

      $result = true;
    }

    //釋放資料庫查詢到的記憶體
    mysqli_free_result($query);
  }
  else
  {
    echo "{$sql} 語法執行失敗，錯誤訊息：" . mysqli_error($_SESSION['link']);
  }

  //回傳結果
  return $result;
}


$check = check_has_email($_POST['cd']);

if($check)
{
    //若為true 代表有使用者以重複
    echo 'no';
}
else
{
    //若為 null 或者 false 代表沒有使用者，可以註冊
    echo 'yes';
}

```

主功能CODE介紹 (更改密碼)

```
</table>
      <div class="inside">
      <button class="btn" onclick="
        Swal.fire({
        icon: 'warning',
        title: 'warning',
        text: '確定要登出嗎?',
        showCancelButton: true,
        }).then((result) => {
          if (result.value) {
            window.location = 'final.php'
          }
        })"
        style="width: "
      ><b>登出</b></button>

      <button class="btn" onclick="
        Swal.fire({
        icon: 'warning',
        title: 'warning',
        text: '確定要更改嗎?',
        showCancelButton: true,
        }).then((result) => {
          if (result.value) {
            window.location = 'pwchange.php'
          }
        })"
        style="width: "
      ><b>更改密碼</b></button>
    </div>
```

```
<script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
    <script>
        $(document).on("ready", function() {


            $("form.check").on("submit", function(){
                console.log("1");

                if ($("#new").val() != $("#newcheck").val()) {

                    $("#new").parent().addClass("has-error");
                    $("#newcheck").parent().addClass("has-error");

              alert("兩次密碼輸入不一樣，請確認");

            }
            else
            {

                $.ajax({
                    type : "POST",
                    url : "../check_change.php",
                    data : {
                      op : $("#old").val(),
                      np : $("#new").val(),

                    },
                    dataType : 'html'
                  }).done(function(data) {

                    console.log(data);
                    if(data == "yes")
                    {
                      alert("更新成功，將自動前往登入頁。");

                        window.location.href="final.php";
                    }
                    else
                    {
                        alert("舊密碼輸入錯誤");
                    }

                  }).fail(function(jqXHR, textStatus, errorThrown) {
```

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主功能CODE介紹 (購物車)

```
<section class="py-5">
    <div class="container">

        <h1>商品列表<!--可將商品列表改成商品名稱--></h1>
        <ol class="breadcrumb mb-4">
            <li class="breadcrumb-item"><a href="final2.php">首頁</a></li>
            <li class="breadcrumb-item active">商品列表</li>
        </ol>

        <div class="row">
        <?php
                if(!isset($_GET['c_id'])){
                    //沒有pid則直接跳轉回products.php
                    header("location: final2.php");
                }else{
                    $c_id=$_GET['c_id'];
                }
                ?>
                <?php
                 $link = mysqli_connect($host,$dbuser,$dbpw,$dbname) or die ("-1");
                  mysqli_select_db($link,$dbname) or die("cannot connect to db");
                  $query = "SELECT * FROM commodity where c_id=$c_id ORDER BY c_id DESC ";
                  $result = mysqli_query($link,$query) or die("cannot connect to table" . mysqli_error( ));
                ?>
                <?php
                while($rs = mysqli_fetch_array($result))
                    {

                ?>
            <div class="col-lg-6"><div class="img"><?php echo '<p><img src="',$rs['url1'],'"></p>';?></div></div>

            <div class="col-lg-6">

                <h2><strong><?php echo $rs['c_name']; ?></strong></h2>
                <!--<p><strong>商品賣家:</strong></p>-->
                <p><strong>商品價格:</strong> <?php echo $rs['price']; ?></p>
                <p><strong>商品尚有存量:</strong><?php echo $rs['quantity']; ?></p>
                <p><strong>商品描述:</strong><?php echo $rs['describe']; ?></p>
                <?php
```

```
                echo '<form action="../cart/cart-insert2.php" method="post">';
                    echo '<input type="hidden" name="thing_id" value="',$rs['c_id'],'">';
                    echo '<input type="hidden" name="name" value="',$rs['c_name'],'">';
                    echo '<input type="hidden" name="price" value="',$rs['price'],'">';
                    echo '<p>數量：<select name="amount" >';
                    for ($i=1; $i<=$rs['quantity']; $i++) {
                        echo '<option value="', $i, '">', $i, '</option>';
                    }
                    echo '</select></p>';
                    echo '<input type="hidden" name="url1" value="',$rs['url1'],'">';
                    echo '<p><input type="submit" value="放入購物車"></p>';
                    echo '</form>';
                    ?>

            </div>
        </div>
        <?php
//while
```

主功能CODE介紹(購物車_續)

```php
            foreach($pdo->query('select * from cart') as $row){
            ?>

                    <div class="im"><?php echo '<p><img src="',$row['url'],'"></p>';?></div>  <!--圖片大小待調-->
                    <div class="col-lg-3 col-md-4 col-sm-6 mb-4">
                    <div class="card h-100">
                    <div class="card-body">
                        <h4 class="card-title"><a href="commodity.php?c_id=<?php echo $row['thing_id']; ?>" ><?php echo $row['name']; ?></a></h4>
                        <p class="card-text">商品價格: <?php echo $row['price']; ?> <br> 商品數量: <?php echo $row['amount']; ?><br>小計: <?php $subtotal=$row['price']*$row
                        <?php $total+=$subtotal; ?>

                        <form method="post" class="delete">
                        <input type="hidden" name="command1" value="delete">
                        <?php
                        // $sql = "UPDATE `commodity` SET `quantity` =`quantity`-'{$row['amount']}' WHERE `c_id`='{$row['thing_id']}';";
                        // $query = mysqli_query($_SESSION['link'], $sql);
                        echo'<input type="hidden" name="id" value="',$row['thing_id'],'">'?>
                        <input type="submit" value="刪除">
                        </form>
                    </div>
                </div>
            </div>

            <?php
            } //foreach
            ?>
             <section class="py-5">
        </div>
        <div class="container">

            <h2>
            合計:<?php echo $total; ?>元
            </h2>
            </div>
```

```php
<?php
        $pdo=new PDO('mysql:host=localhost;dbname=final;charset=utf8','root','');    //連結資料庫，用PDO
        if (isset($_REQUEST['command1'])){
            switch($_REQUEST['command1']){
                case 'delete':
                    $sql=$pdo->prepare('DELETE FROM cart WHERE thing_id=?');
                    $sql->execute([$_REQUEST['id']]);
                    break;
            }
        }
        if (isset($_REQUEST['command'])){
            switch($_REQUEST['command']){
                case 'delete':
                    $sql = $pdo->prepare('DELETE FROM cart');
                    $sql->execute();
                    break;

        $total=0;
```

主功能CODE介紹(購物車_刪除&結帳)

YAPPI Shop 繼續逛 聊天室

您的購物車 購購購~

首頁 / 訂單詳情

分享 《滿漢大餐》
珍味牛肉麵 (3包入)

商品價格: 130
商品數量: 1
小計: 130

刪除

合計:130元

結帳

付款方式

- 貨到付款
- 信用卡/金融卡
- 銀行轉帳

下訂單

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主功能CODE介紹(購物車_刪除)

```php
<?php
    $pdo=new PDO('mysql:host=localhost;dbname=final;charset=utf8','root',''); //連結資料庫，用PDO
    if (isset($_REQUEST['command1'])){
        switch($_REQUEST['command1']){
            case 'delete':
                $sql=$pdo->prepare('DELETE FROM cart WHERE thing_id=?');
                $sql->execute([$_REQUEST['id']]);
                break;
        }
    }
    if (isset($_REQUEST['command'])){
        switch($_REQUEST['command']){
            case 'delete':
                $sql = $pdo->prepare('DELETE FROM cart');
                $sql->execute();
                break;

    $total=0;
```

主功能CODE介紹(購物車_結帳)

```
187
188     <script>
189      $(document).on("ready", function() {
190
191
192
193                 $("form.checkout").on("submit", function(){
194
195                  window.location.href = "checkout.php";
196
197
198                 });
199       });
200
201       </script>
202
```

```
1   <?php
2
3    require_once '../db.php';
4   @session_start();
5       $pdo=new PDO('mysql:host=localhost;dbname=final;charset=utf8','root','');     //連結資料庫，用PDO
6       if (isset($_REQUEST['command'])){
7       switch($_REQUEST['command']){
8       case 'delete':
9       $sql=$pdo->prepare('DELETE FROM cart WHERE thing_id=?');
10       $sql->execute([$_REQUEST['id']]);
11       break;
12           }
13  }
14
15      foreach($pdo->query('select * from cart') as $row){
16      $sql = "UPDATE `commodity` SET `quantity` =`quantity`-'{$row['amount']}' WHERE `c_id`='{$row['thing_id']}';";
17      $query = mysqli_query($_SESSION['link'], $sql);
18
19      }
20      header("Location:final2.php");
21  ?>
22
```

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主功能CODE介紹(貨架)

```php
<?php
session_start();
$UserId=$_SESSION['id'];
?>
<header>
<h1 style= "background-image: url(https://img.tukuppt.com/ad_preview/00/12/30/5c995b18c5cf6.jpg!/fw/780);height: 180px; line-height:80px;font-family:微軟正黑體;tex

</h1>
</header>
<center><marquee  bgcolor=#3C3C3C width="1480" behavior=side direction="left" onMouseOver="this.stop()" onMouseOut="this.start()"
 ><font color=" #FFFFFF" size=5 family=華康行書體 >YAPPI 公告 : 請各位賣家將欲售商品上傳於此貨架，方便YAPPI為您處理商品相關事宜，進行交易前請先詳閱消費相關權益
<body bgcolor="#cccccc">
<table "style=border:3px #cccccc solid;" cellpadding="10" border="1" align="center" valign="center">
<tr><th bgcolor=#3C3C3C ><font color="white">商品<br>編號</font></th><th bgcolor=#3C3C3C ><font color="white">---商品名稱---</font></th><th bgcolor=#3C3C3C ><font
<?php
$pdo=new PDO('mysql:host=localhost;dbname=final;charset=utf8', 'root', '');
if (isset($_REQUEST['command'])) {
    switch ($_REQUEST['command']) {
    case 'insert':
        if (empty($_REQUEST['c_name']) ||
            !preg_match('/[0-9]+/', $_REQUEST['price'])) break;
        $sql=$pdo->prepare('insert into commodity values(null,?,?,?,?,?,?)');
        $sql->execute(
            [htmlspecialchars($_REQUEST['c_name']), $_REQUEST['price'],$_REQUEST['quantity'],$_REQUEST['describe'],$_REQUEST['url1'], $UserId]);
        break;
    case 'update':
        if (empty($_REQUEST['c_name']) || !preg_match('/[0-9]+/', $_REQUEST['price'])||!preg_match('/[0-9]+/', $_REQUEST['quantity'])) break;
        $sql=$pdo->prepare('UPDATE commodity SET c_name=?, price=?, quantity=? WHERE c_id=? AND user_id=?');
        $sql->execute([$_REQUEST['c_name'], $_REQUEST['price'],$_REQUEST['quantity'], $_REQUEST['id'], $UserId]);
        break;
    case 'delete':
        $sql=$pdo->prepare('DELETE FROM commodity WHERE c_id=?');
        $sql->execute([$_REQUEST['c_id']]);
        break;
    }
}
foreach ($pdo->query("select * from commodity where user_id=$UserId") as $row) {
```

```php
    echo '<tr >';
    echo '<form action="edit.php" method="post">';
    echo '<input type="hidden" name="command" value="update">';
    echo '<input type="hidden" name="id" value="', $row['c_id'], '">';
    echo '<td bgcolor=#3C3C3C style="color:white;" >', $row['c_id'], '</td>';

    echo '<td>';
    echo '<input type="text" name="c_name" size="60" align="center" valign="center" value="', $row['c_name'], '">';
    echo '</td>';
    echo '<td>';
    echo '<input type="text" name="price" size="10" align="center" valign="center" value="', $row['price'], '">';
    echo '</td>';
    echo '<td>';
    echo '<input type="text" name="quantity" size="10" align="center" valign="center" value="', $row['quantity'], '">';
    echo '</td>';
    echo '<td>';
    echo '<input type="text" name="describe" size="35" align="center" valign="center" value="', $row['describe'], '">';
    echo '</td>';
    echo '<td>';
    echo '<input type="text" name="url1" size="30" align="center" valign="center" value="', $row['url1'], '">';
    echo '</td>';
    echo '<td><input type="submit" value="確定修改"></td>';
    echo '</form>';
    echo '<form action="edit.php" method="post">';
    echo '<input type="hidden" name="command" value="delete">';
    echo '<input type="hidden" name="c_id" value="', $row['c_id'], '">';
    echo '<td><input type="submit" value="確定刪除"></td>';
    echo '</form>';
    echo '</tr>';
    echo "\n";
}
?>
<tr>
<form action="edit.php" method="post">
<input type="hidden" name="command" value="insert">
<td></td>
<td><input type="text" name="c_name" size="60" align="center" valign="center"></td>
<td><input type="text" name="price"  size="10" align="center" valign="center"></td>
<td><input type="text" name="quantity" size="10" align="center" valign="center"></td>
<td><input type="text" name="describe" size="35" align="center" valign="center"></td>
<td><input type="text" name="url1" size="30" align="center" valign="center"></td>
```

YAPPI

主功能CODE介紹(模糊搜尋)

```php
                }
                $total=$I;
                $pages=ceil($total/$per_page);
                if($page>$pages)
                {
                    $page=$pages;
                }
                $start = ($page-1)*$per_page;
            ?>

            <!--<html xmlns="http://www.w3.org/1999/xhtml">


            <meta http-equiv="Content-Type" content="text/html; charset=big5">
            <title>:::::Product Catelog:::::</title>
            -->
            <?php
            $pdo=new PDO('mysql:host=localhost;dbname=final;charset=utf8','root','');    //連結資料庫
            $sql=$pdo->prepare('select * from commodity where c_name like ?');    //執行Query查詢
            $sql->execute(['%'.$_REQUEST['keyword'].'%']);
            foreach($sql->fetchAll() as $row){
            ?>

                                <div class="col-lg-4 col-sm-6 mb-4">
                                    <div class="card h-100">
                                    <div class="im"><?php echo '<p><img src="',$row['url1'],'"></p>';?></div>       <!--建議:250X300px照片-->
                                        <!--<a href="#!"><img class="card-img-top" src="$url" alt="..." /></a>-->
                                        <div class="card-body">
                                            <h4 class="card-title"><a href="commodity.php?c_id=<?php echo $row['c_id']; ?>" ><?php echo $row['c_name']; ?></a></h4>
                                            <p class="card-text">商品價格: <?php echo $row['price']; ?> <br> 商品存貨: <?php echo $row['quantity']; ?><br></p>
                                        </div>
                                    </div>
                                </div>

            <?php
                } //while
            ?>


            <!--PAGE-->
            <!--<ul class="pagination justify-content-center">
                <li class="page-item">
                    <a class="page-link" href="#!" aria-label="Previous">
```

```php
        <link href="final.css" rel="stylesheet" />
        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"/>
    </head>

    <body>
        <!-- Navigation-->
        <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
            <div class="container">
                <a class="navbar-brand" href="final2.php">YAPPI Shop</a>
                <div class="search">
                <form action="final2-search.php" method="post">
                            <input class="search-bar" type="text" name="keyword" id="search" placeholder="輸入名稱" style="width: 660px;">
                            <input type="submit" value="搜尋">
                            <!--<button class="search-btn">
                              <i class="fas fa-search"></i>
                            </button>-->


                        </form>
                        </div>
                <button class="navbar-toggler navbar-toggler-right" type="button" data-toggle="collapse" data-target="#navbarResponsive" aria-controls
                <div class="collapse navbar-collapse" id="navbarResponsive">
                    <ul class="navbar-nav ml-auto">
                        <li class="nav-item"><a class="nav-link" href="  (view/cartnew2.php" style="width:60px;">購物車</a></li>
```

其他功能簡介

逾時登出(login_status.php)

網路速度測試(final2.php)

商品頁面CSS(final.php、final2.php)

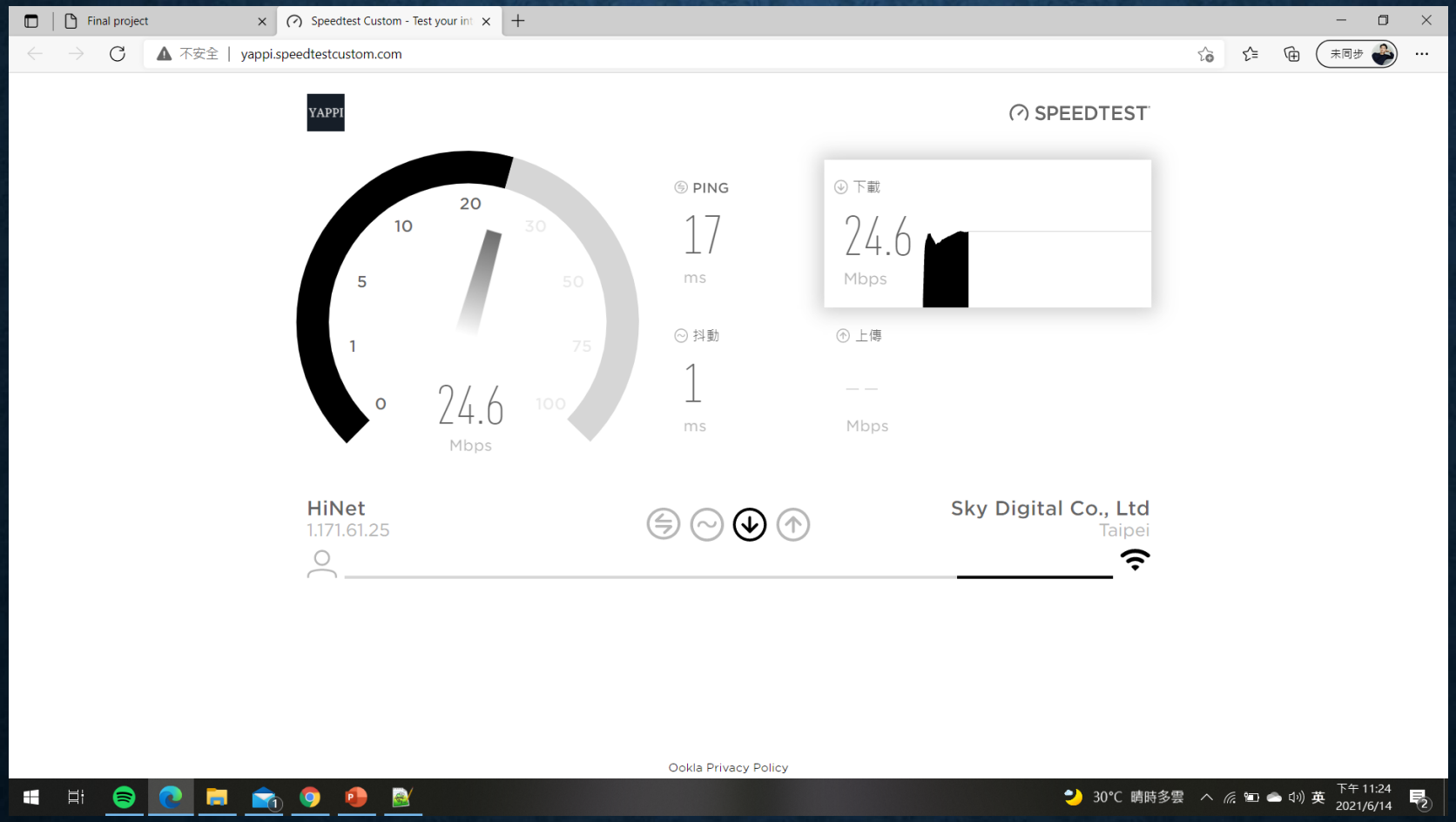
功能介紹(逾時登出)

```php
<?php
@session_start();

$time = $_SERVER['REQUEST_TIME'];
$timeout_duration = 1800;  // 設定30分鐘為timeout
if (!isset($_SESSION['is_login']) || ($time - $_SESSION['LAST_ACTIVITY']) > $timeout_duration) {
  header("Location:final.php");
  exit();
}
?>
```

YAPPI

功能介紹(網路測速)



CSS介紹
(擺放商品頁面)

```php
<?php
$i=0;
$where_str='';
$per_page = 9; //每頁最多9筆，這數字可以自由更改
if(isset($_GET['page'])){
    $page=$_GET['page'];
}   else{
    $page=1;
}
$start = ($page-1)*$per_page;
$where_str='';
?>
<?php

$link = mysqli_connect($host,$dbuser,$dbpw,$dbname) or die ("-1");
  mysqli_select_db($link,$dbname) or die("cannot connect to db");
  $query = "SELECT * FROM commodity $where_str ORDER BY c_id DESC ";
  $result = mysqli_query($link,$query) or die("cannot connect to table" . mysqli_error( ));
  $I=0;
  while ( $row = mysqli_fetch_array($result) ) {
    $I++;
  }
  $total=$I;
  $pages=ceil($total/$per_page);
  if($page>$pages)
  {
      $page=$pages;
  }
  $start = ($page-1)*$per_page;
?>
```

```php
<?php
$imgBaseUrl='testProdImg/'; //假設圖片放在testProdImg資料夾
if($total>0){
$orderBy='c_id';
$upDown='desc';
$i = $start;
$query = "SELECT * FROM commodity $where_str    ORDER BY $orderBy $upDown limit $start, $per_page";
$result = mysqli_query($link,$query) or die("Error:" . mysqli_error( ));

    while($rs = mysqli_fetch_array($result))
    {
        $i++;
?>

                    <div class="col-lg-4 col-sm-6 mb-4">
                        <div class="card h-100">
                        <div class="im"><?php echo '<p><img src="',$rs['url1'],'"></p>';?></div>       <!--建議:250X300px照片-->
                            <!--<a href="#!"><img class="card-img-top" src="$url" alt="..." /></a>-->
                            <div class="card-body">
                                <h4 class="card-title"><a href="commodity.php?c_id=<?php echo $rs['c_id']; ?>" ><?php echo $rs['c_name']; ?></a></h4>
                                <p class="card-text">商品價格: <?php echo $rs['price']; ?> <br> 商品存貨: <?php echo $rs['quantity']; ?><br></p>
                            </div>
                        </div>
                    </div>

<?php
    } //while
?>
<?php
} /* if $total>0 end */
?>
```

CSS介紹(擺放商品頁面_續)

```php
<?php
if($total>$per_page){
    if($page!=1){
        echo '<a href="final2.php?page='.($page-1);
        echo '">上一頁</a>';
    }else{
        echo '<span class="noLink">上一頁</span>';
    }
    echo ' ';
    for($pi=1;$pi<=$pages;$pi++){
        //echo $pi;
        if($pi==$page){
            echo ' [ '.$pi.' ] ';
        }else{
            echo '<a href="final2.php?page='.($pi);
            echo '"> '.$pi.' </a>';
        }
    }
    echo ' ';
    if($page!=$pages){
        echo '<a href="final2.php?page='.($page+1);
        echo '">下一頁</a>';
    }else{
        echo '<span class="noLink">下一頁</span>';
    }

}?>

            </div>
```

專案過程之瓶頸

疫情關係

每周固定的開會從實體改為線上，在工作分配上，較難達成共識，專案合作也因無法面對面溝通，雙方想法多少有些落差，同時也較難控制進度，做好統籌之事項。

部分功能難度高

期初擬定的一些功能，並沒有在此次的專案上呈現，有些功能難度偏高，導致現階段的我們無法成功開發，未來將會持續精進這一方之相關能力。

CSS不一致

由於版面是由大家分工進行，導致版面風格不一致，但是這個問題需要面對面討論、確定雙方想法才得以解決。

專案未完成部分

聊天室功能

CSS設計之改善

評分功能

綜合討論

	問題	解決方法
Case 1	貨架非個人化 （登入者都會看到所有上架的商品，並且有權限改變他人商品資訊）	使用query寫法，抓取特定登入者的貨架資訊
Case 2	結帳分頁亂跳	結帳的流程設計優化

總結與心得

透過資料庫管理這門課，實作、學習如何架設一個成熟且可執行的網站，雖然過程中常遇到一些小麻煩，但經過了一整個學期的訓練，我們不僅對程式的敏感度更加提升，對資料庫系統的概念，也逐漸從抽象的書本知識，具體化成了實用的技巧。總而言之，這一份期末專案，讓我們組員獲益良多，且從中找到了自己專業能力上的不足，期許自己能持續精進自身專業，未來有機會繼續完善這份專案，架構更加成熟的購物平台網站。