

106 年

資料庫管理系統

團隊組員

| # | 姓名 | 學號 | 班級 |
|---|-----|-----------|-------|
| 1 | 胡坤程 | B10423056 | 四資管三A |
| 2 | 蔡明穎 | B10423037 | 四資管三A |
| 3 | 吳昭慶 | B10423020 | 四資管三A |
| 4 | 葉如芳 | B10423016 | 四資管三A |

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壹、 大綱

一、 簡介

我們製作了會員管理、產品管理、購買記錄管理、供應商管理以及查詢。查詢功能並沒有修改和刪除的選項，而是純粹的查詢。另外前四個管理功能上，我們假設只需要輸入 Primary Key 即可新增，其他屬性是否應該輸入的情況我們一律不考慮。

注意：SQL 部分我們會使用紅圈框起來，請使用 Chrome 打開測試。建議直接操作比較能有效測試我們的功能。

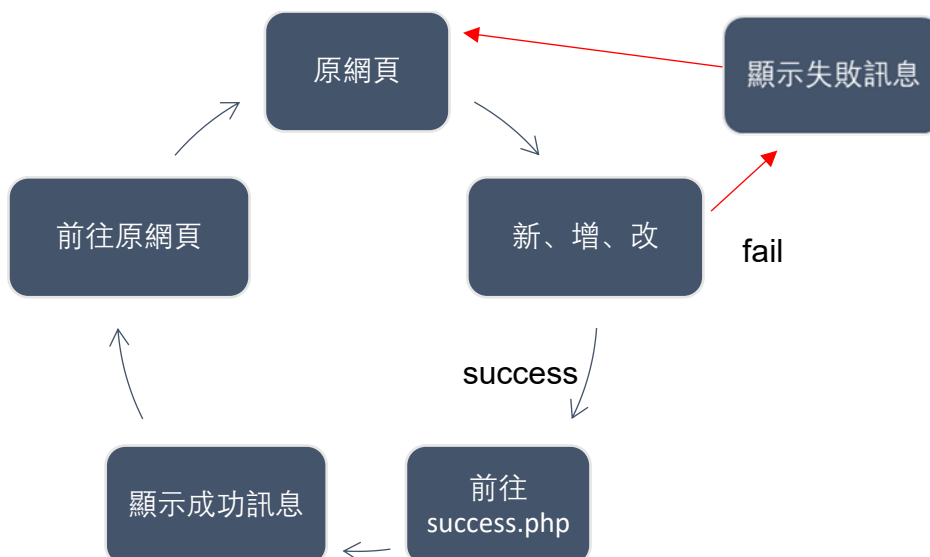
二、 首頁

管理系統首頁畫面(就像快捷鍵的功能一樣)



三、 系統流程

這是正常情況下的系統流程，除了購買記錄管理會有兩種情況不適用以下流程圖。



四、 例外處理

我們處理外來鍵的方式為下拉式選單，避免使用者輸入不存在的參考值。

貳、 連結資料庫

一、 「連接資料庫」程式碼



The screenshot shows a code editor with five tabs: db_connection.php, deleteItem.php, deleteMember.php, deleteOrder.php, and deleteSu. The db_connection.php tab is active, displaying the following PHP code:

```
1 <?php
2
3 $dbhost = "localhost";
4 $dbuser = "root";
5 $dbpass = "";
6 $db = "b10423056hw2";
7
8 $conn = mysqli_connect($dbhost, $dbuser, $dbpass,$db);
9
10 if(!$conn){
11     die("Connection Failed:" . mysqli_connect_error());
12 }
13
14 ?>
```

參、會員管理功能

一、「會員管理顯示畫面」

將全部會員的資料顯示出來。

會員管理

[Create](#)

| Account | Password | Name | Birthday | Address | Action |
|---------|----------|--------|------------|--|---|
| Hk0001 | yun0001 | Jay | 1994-01-08 | No.1, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0002 | yun0002 | Tim | 1995-10-25 | No.2, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0003 | yun0003 | Edwin | 1993-06-09 | No.3, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0004 | yun0004 | Kevin | 1992-04-15 | No.4, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0005 | yun0005 | Angela | 1993-04-20 | No.5, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0006 | yun0006 | Genie | 1990-03-25 | No.6, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0007 | yun0007 | Jam | 1987-05-05 | No.7, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0008 | yun0008 | Jane | 1953-08-08 | No.8, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0009 | yun0009 | Cairns | 1991-11-11 | No.9, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |
| Hk0010 | yun0010 | Jacob | 1995-10-10 | No.10, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |

memberManager.php

deleteItem.php

deleteMember.php

deleteOrder.php

deleteSupplier.php

index.php

itemManager.php

orderManager.php

readItemDetails.php

```
204 <table class="table">
205 <thead>
206 <tr>
207 <th>Account</th>
208 <th>Password</th>
209 <th>Name</th>
210 <th>Birthday</th>
211 <th>Address</th>
212 <th>Action</th>
213 </tr>
214 </thead>
215 <tbody>
216 <?php
217 include 'db_connection.php';
218 $result = mysqli_query($conn, "SELECT * FROM member");
219 while($row = mysqli_fetch_array($result)) {
220     echo '<tr>';
221     echo '<td contenteditable="false">' . $row['Account'] . '</td>';
222     echo '<td>' . $row['Password'] . '</td>';
223     echo '<td>' . $row['Name'] . '</td>';
224     echo '<td>' . $row['Birthday'] . '</td>';
225     echo '<td>' . $row['Address'] . '</td>';
226     echo '<td><button onclick="GetUserDetails(\'' . $row['Account'] . '\')"' class="btn btn-warning">Update</button> | <button onclick="DeleteMember(\'' . $row['Account'] . '\')"' class="btn btn-danger">Delete</button></td>';
227     echo '</tr>';
228 }
229 ?>
230 </tbody>
231 </table>
```

二、「會員管理新增功能」

新增一筆會員資料

新增會員資料

Account
111

Password
222

Name
333

Birthday
2017/12/29

Address
456

Cancel Create

當按下 Create 時，會觸發以下程式碼。

```
145 <?php
146 include 'db_connection.php';
147 if(isset($_POST['Submit']))
148 {
149     $name = !empty($_POST["name"]) ? mysqli_real_escape_string($conn, $_POST["name"]) : null;
150     $account = !empty($_POST["account"]) ? mysqli_real_escape_string($conn, $_POST["account"]) : null;
151     $password = !empty($_POST["password"]) ? mysqli_real_escape_string($conn, $_POST["password"]) : null;
152     $birthday = mysqli_real_escape_string($conn, $_POST["birthday"]);
153     $birthday = !empty($birthday) ? "'$birthday'" : "NULL";
154     $address = !empty($_POST["address"]) ? mysqli_real_escape_string($conn, $_POST["address"]) : null;
155     if($account == "")
156     {
157         <font face="verdana" color="Red">Account can't be blank, please try again.</font>
158     }
159     else{
160         $result = mysqli_query($conn, "INSERT INTO member VALUES('$account','$password','$name', $birthday, '$address')");
161         if(!$result){
162             <font face="verdana" color="Red">Failed to create member, maybe account already exist, please try again.</font>
163         }
164         else{
165             echo '<script>>window.location = "success.php?type=addMember";</script>';
166             //header("Location: success.php?type=addMember");
167         }
168     }
```

可以看到第一排新增成功的會員

會員管理

Create

| Account | Password | Name | Birthday | Address | Action |
|---------|----------|------|------------|---|---------------|
| 111 | 222 | 333 | 2017-12-29 | 456 | Update Delete |
| Hk0001 | yun0001 | Jay | 1994-01-08 | No.1, Sec. 3, University Road, Douliu City, Yunlin County | Update Delete |

當 Account 是 null 時，就會有提示 Account 不可為空。

若是 Account 已經存在或是其他錯誤，則會提示另一個訊息。

會員管理

Account can't be blank, please try again.

Create

| Account | Password | Name | Birthday |
|---------|----------|------|------------|
| Hk0001 | yun0001 | Jay | 1994-01-08 |

會員管理

Failed to create member, maybe account already exist, please try again.

Create

| Account | Password | Name | Birthday | Address |
|---------|----------|------|------------|--------------------------|
| Hk0001 | yun0001 | Jay | 1994-01-08 | No.1, Sec. 3, University |

三、「會員管理更新功能」

按下 Update 時，會觸發 GetUserDetails()，再透過 readUserDetail.php 抓取目前 member 資料，然後在表單會呈現目前 member 的各個 value。

```
29 function GetUserDetails(account) {
30     // Add User ID to the hidden field for future usage
31     $("#hidden_user_account").val(account);
32     $.post("readUserDetails.php", {
33         account: account
34     },
35     function (data, status) {
36         // PARSE json data
37         var user = JSON.parse(data);
38         // Assign existing values to the modal popup fields
39         $("#update_account").val(user.Account);
40         $("#update_password").val(user.Password);
41         $("#update_name").val(user.Name);
42         $("#update_birthday").val(user.Birthday);
43         $("#update_address").val(user.Address);
44     });
45     // Open modal popup
46     $("#update_user_modal").modal("show");
47 }
```

```
1 <?php
2 // include Database connection file
3 include("db_connection.php");
4
5 // check request
6 if(isset($_POST['account']) && isset($_POST['password']) != "")
7 {
8     // get User account
9     $account = $_POST['account'];
10
11     // Get User Details
12     $query = "SELECT * FROM member WHERE Account = '$account'";
13     if (!$result = mysqli_query($conn, $query)) {
14         exit(mysqli_error($conn));
15     }
16     $response = array();
17     if(mysqli_num_rows($result) > 0) {
18         while ($row = mysqli_fetch_assoc($result)) {
19             $response = $row;
20         }
21     }
22     else
23     {
24         $response['status'] = 200;
25         $response['message'] = "Data not found!";
26     }
27     // display JSON data
28     echo json_encode($response);
29 }
30 else
31 {
32     $response['status'] = 200;
33     $response['message'] = "Invalid Request!";
34 }
35 ?>
```

修改帳號為 111 的會員資料。

修改會員資料

Account

Password

Name

Birthday

Address

修完資料後按下 Update 會觸發以下程式碼。如果 Account 是空的就會有提示 Account 不可為空，其他的狀況則會顯示 Failed 的訊息（與新增一樣的訊息）。

```
169 } else if(isset($_POST['Update']))
170 {
171     $name = !empty($_POST["update_name"]) ? mysqli_real_escape_string($conn, $_POST["update_name"]) : null;
172     $account = !empty($_POST["update_account"]) ? mysqli_real_escape_string($conn, $_POST["update_account"]) : null;
173     $password = !empty($_POST["update_password"]) ? mysqli_real_escape_string($conn, $_POST["update_password"]) : null;
174     $birthday = !empty($_POST["update_birthday"]) ? mysqli_real_escape_string($conn, $_POST["update_birthday"]) : null;
175     $birthday = !empty($birthday) ? "'$birthday'" : "NULL";
176     $address = !empty($_POST["update_address"]) ? mysqli_real_escape_string($conn, $_POST["update_address"]) : null;
177     $id = !empty($_POST["hidden_user_account"]) ? mysqli_real_escape_string($conn, $_POST["hidden_user_account"]) : "";
178     if($account == "" || $id == "")
179     {
180         <font face="verdana" color="Red">Account can't be blank, please try again.</font>
181     }
182     else{
183         $result = mysqli_query($conn, "UPDATE member SET Account='$account', Password='$password', Name='$name', Birthday=
184             $birthday, Address='$address' where Account='$id'");
185         if(!$result){
186             <font face="verdana" color="Red">Failed to update member, please try again.</font>
187         }
188         else{
189             echo '<script>>window.location = "success.php?type=updateMember";</script>';
190             //header("Location:success.php?type=updateMember");
191         }
192     }
193 }
```

修改會員資料成功

[Create](#)

| Account | Password | Name | Birthday | Address | Action | |
|---------|----------|--------|------------|--|------------------------|------------------------|
| 222 | 111 | 555 | 2017-12-29 | 654 | Update | Delete |
| Hk0001 | yun0001 | Jay | 1994-01-08 | No.1, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0002 | yun0002 | Tim | 1995-10-25 | No.2, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0003 | yun0003 | Edwin | 1993-06-09 | No.3, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0004 | yun0004 | Kevin | 1992-04-15 | No.4, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0005 | yun0005 | Angela | 1993-04-20 | No.5, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0006 | yun0006 | Genie | 1990-03-25 | No.6, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0007 | yun0007 | Jam | 1987-05-05 | No.7, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0008 | yun0008 | Jane | 1953-08-08 | No.8, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0009 | yun0009 | Cairns | 1991-11-11 | No.9, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |
| Hk0010 | yun0010 | Jacob | 1995-10-10 | No.10, Sec. 3, University Road, Douliu City, Yunlin County | Update | Delete |

四、「會員管理刪除功能」

刪除 Account 為 222 的會員資料

會員管理

Create

| Account | Password | Name | Birthday | Address | Action |
|---------|----------|------|------------|---------|-------------------------|
| 222 | 111 | 555 | 2017-12-29 | 654 | <div>UpdateDelete</div> |

Warning!!!!!!!
Do you really want to delete -----222-----?
☐ 防止此網頁產生其他對話方塊。

確定取消

以下是刪除會員的程式碼：

```
deleteMember.php memberManager.php deleteItem.php deleteOrder.php deleteSupplier.php
1 <?php
2 // check request
3 if(isset($_POST['account']) && isset($_POST['account']) != "")
4 {
5     // include Database connection file
6     include("db_connection.php");
7
8     // get user id
9     $account = $_POST['account'];
10    // delete User
11    $query = "DELETE FROM member WHERE Account = '$account'";
12    if (!$result = mysqli_query($conn, $query)) {
13        exit(mysqli_error($conn));
14    }
15 }
16 else{
17     echo 'ERROR';
18 }
19 ?>
```

肆、 產品管理功能

一、 「產品管理顯示畫面」

將全部產品的資料顯示出來，我們這裡不顯示供應商電話號碼。

Create

| Item ID | Item Name | Supplier Name | Supplier ID | Action |
|------------|---------------|---------------|-------------|---|
| 1111111111 | ZenFone 4 | ASUS | 1 | <button>Update</button> <button>Delete</button> |
| 2222222222 | ZenBook | ASUS | 1 | <button>Update</button> <button>Delete</button> |
| 3333333333 | ZenPad 10 | ASUS | 1 | <button>Update</button> <button>Delete</button> |
| 4444444444 | VivoBook | ASUS | 1 | <button>Update</button> <button>Delete</button> |
| 5555555555 | Pewdator 21 X | Acer | 2 | <button>Update</button> <button>Delete</button> |
| 6666666666 | Switch 7 | Acer | 2 | <button>Update</button> <button>Delete</button> |
| 7777777777 | Iconia One 7 | Acer | 2 | <button>Update</button> <button>Delete</button> |
| 8888888888 | iMac | Apple | 3 | <button>Update</button> <button>Delete</button> |
| 9999999999 | Iphone X | Apple | 3 | <button>Update</button> <button>Delete</button> |
| 0000000000 | Note 8 | Samsung | 4 | <button>Update</button> <button>Delete</button> |

itemManager.php

```
205 <div class="table-responsive">
206 <table class="table">
207 <thead>
208 <tr>
209 <th>Item ID</th>
210 <th>Item Name</th>
211 <th>Supplier Name</th>
212 <th>Supplier ID</th>
213 <th>Action</th>
214 </tr>
215 </thead>
216 <tbody>
217 <?php
218 //include 'db_connection.php';
219 $result = mysqli_query($conn, "select ItemID, ItemName, SName, supplier.Sid from iteminfo left join
supplier on iteminfo.Sid = supplier.Sid");
220 while($row = mysqli_fetch_array($result)) {
221 echo <tr>;
222 echo <td contenteditable='false'>'. $row['ItemID'] . '</td>;
223 echo <td>'. $row['ItemName'] . '</td>;
224 echo <td>'. $row['SName'] . '</td>;
225 echo <td>'. $row['Sid'] . '</td>;
226 echo <td><button onclick="GetItemDetails('\'. $row['ItemID'] . '\')" class="btn
btn-warning">Update</button> | <button onclick="DeleteItem('\'. $row['ItemID'] . '\')"
class="btn btn-danger">Delete</button></td>;
227 echo </tr>;
228 }
229 ?>
230 </tbody>
231 </table>
```

二、「產品管理新增功能」

新增一筆產品資料。Supplier 使用選單方式避免使用者輸入不存在的 Supplier。

新增產品資料

Item ID

Item Name

Supplier

按下 Create 時，觸發以下程式碼。

```
155 include 'db_connection.php';
156 if(isset($_POST['Submit']))
157 {
158     $itemid = !empty($_POST["itemid"]) ? mysqli_real_escape_string($conn, $_POST["itemid"]) : null;
159     $itemname = !empty($_POST["itemName"]) ? mysqli_real_escape_string($conn, $_POST["itemName"]) : null;
160     $sid = !empty($_POST["supplierSelect"]) ? mysqli_real_escape_string($conn, $_POST["supplierSelect"]) : null;
161     if($itemid == "")
162     {
163         <?php
164         <font face="verdana" color="Red">Item ID can't be blank, please try again.</font>
165     }
166     else{
167         $result = mysqli_query($conn, "INSERT INTO iteminfo VALUES ('$itemid','$itemname','$sid')");
168         if(!$result){
169             <?php
170             <font face="verdana" color="Red">Failed to Add Item, maybe Item ID already exist, please try again.</font>
171         }
172         else{
173             echo '<script>>window.location = "success.php?type=addItem";</script>';
174             //header("Location: success.php?type=addMember");
175         }
176     }
177 }
```

新增成功

| <input type="button" value="Create"/> | | | | |
|---------------------------------------|-----------|---------------|-------------|---|
| Item ID | Item Name | Supplier Name | Supplier ID | Action |
| 1111111111 | ZenFone 4 | ASUS | 1 | <input type="button" value="Update"/> <input type="button" value="Delete"/> |
| 1234 | 5678 | ASUS | 1 | <input type="button" value="Update"/> <input type="button" value="Delete"/> |
| 2222222222 | ZenBook | ASUS | 1 | <input type="button" value="Update"/> <input type="button" value="Delete"/> |
| 3333333333 | ZenPad 10 | ASUS | 1 | <input type="button" value="Update"/> <input type="button" value="Delete"/> |
| 4444444444 | VivoBook | ASUS | 1 | <input type="button" value="Update"/> <input type="button" value="Delete"/> |

ItemID 不可以為 null；若已存在或其他錯誤也會有錯誤訊息。

產品管理

Item ID can't be blank, please try again.

Create

| Item ID | Item Name | Supplier Name |
|------------|-----------|---------------|
| 1111111111 | ZenFone 4 | ASUS |

產品管理

Failed to Add Item, maybe Item ID already exist, please try again.

Create

| Item ID | Item Name | Supplier Name |
|------------|-----------|---------------|
| 1111111111 | ZenFone 4 | ASUS |

三、「產品管理更新功能」

按下 Update 時，會觸發 GetItemDetails()，再透過 readItemDetail.php 抓取目前 Item 資料，然後在表單會呈現目前 Item 的各個 value。

```
40 function GetItemDetails(itemid) {
41     // Add User ID to the hidden field for future usage
42     $("#hidden_itemid").val(itemid);
43     $.post("readItemDetails.php", {
44         itemid: itemid
45     },
46     function (data, status) {
47         // PARSE json data
48         var item = JSON.parse(data);
49         // Assing existing values to the modal popup fields
50         $("#update_itemid").val(item.ItemID);
51         $("#update_itemName").val(item.ItemName);
52         $("#supplierSelect").val(item.SID);
53     });
54 }
55 // Open modal popup
56 $("#update_item_modal").modal("show");
57 }
```

```
1 <?php
2 // include Database connection file
3 include("db_connection.php");
4
5 // check request
6 if(isset($_POST['itemid']) && isset($_POST['update_itemid']) != "")
7 {
8     // get item account
9     $itemid = $_POST['itemid'];
10
11     // Get item Details
12     $query = "SELECT * FROM iteminfo WHERE ItemID = '$itemid'";
13     if (!$result = mysqli_query($conn, $query)) {
14         exit(mysqli_error($conn));
15     }
16     $response = array();
17     if(mysqli_num_rows($result) > 0) {
18         while ($row = mysqli_fetch_assoc($result)) {
19             $response = $row;
20         }
21     }
22     else
23     {
24         $response['status'] = 200;
25         $response['message'] = "Data not found!";
26     }
27     // display JSON data
28     echo json_encode($response);
29 }
30 else
31 {
32     $response['status'] = 200;
33     $response['message'] = "Invalid Request!";
34 }
35 ?>
```

修改 ItemID 為 1234 的產品：

修改產品資料

Item ID

Item Name

Supplier

修完資料後按下 Update 會觸發以下程式碼。如果 ItemID 是空的就會有提示 ItemID 不可為空，其他的狀況則會顯示 Failed 的訊息（與新增一樣的訊息）。

```
175 }else if(isset($_POST['Update']))
176 {
177     $itemid = !empty($_POST["update_itemid"]) ? mysqli_real_escape_string($conn, $_POST["update_itemid"]) : null;
178     $itemName = !empty($_POST["update_itemName"]) ? mysqli_real_escape_string($conn, $_POST["update_itemName"]) : null;
179     $sid = !empty($_POST["supplierSelect"]) ? mysqli_real_escape_string($conn, $_POST["supplierSelect"]) : null;
180     $id = !empty($_POST["hidden_itemid"]) ? mysqli_real_escape_string($conn, $_POST["hidden_itemid"]) : "";
181     if($itemid == "" || $id == "")
182     {
183         <?php
184         <font face="verdana" color="Red">Item ID can't be blank, please try again.</font>
185     }
186     else{
187         $result = mysqli_query($conn, "UPDATE iteminfo SET ItemID='$itemid', ItemName='$itemName', SID='$sid' where ItemID='$id'");
188         if(!$result){
189             <?php
190             <font face="verdana" color="Red">Failed to update item, please try again.</font>
191         }
192         else{
193             echo '<script>>window.location = "success.php?type=updateItem";</script>';
194         }
195     }
196 }
```

修改成功

Create

| Item ID | Item Name | Supplier Name | Supplier ID | Action | |
|------------|-----------------|---------------|-------------|--------|--------|
| 1111111111 | ZenFone 4 | ASUS | 1 | Update | Delete |
| 2222222222 | ZenBook | ASUS | 1 | Update | Delete |
| 3333333333 | ZenPad 10 | ASUS | 1 | Update | Delete |
| 4444444444 | VivoBook | ASUS | 1 | Update | Delete |
| 7777 | 6666 | ASUS | 1 | Update | Delete |
| 5555555555 | Rebuletter 31 X | ASUS | 2 | Update | Delete |

四、「產品管理刪除功能」

刪除 ItemID 為 7777 的產品資料



A warning dialog box is displayed over the product management interface. The dialog box contains the text: "Warning!!!!!!!!!!!!!! Do you really want to delete -----7777-----?" and a checkbox labeled "防止此網頁產生其他對話方塊。". There are "確定" (Confirm) and "取消" (Cancel) buttons.

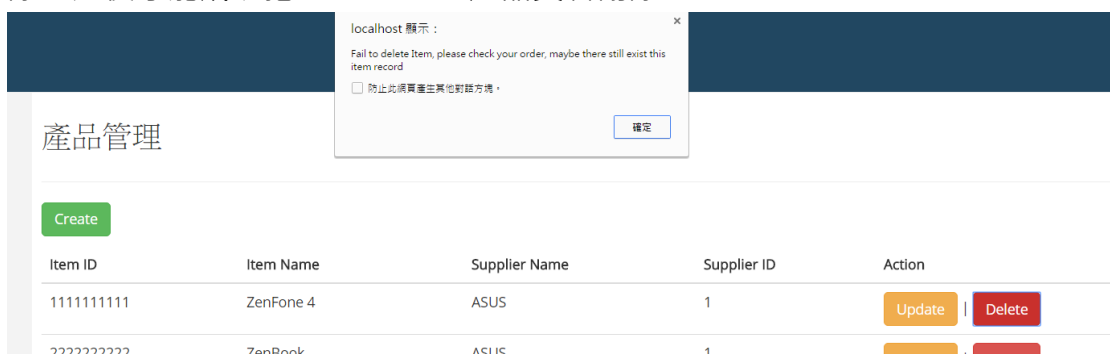
| Item ID | Item Name | Supplier Name | Supplier ID | Action |
|------------|-----------|---------------|-------------|---|
| 1111111111 | ZenFone 4 | ASUS | 1 | <button>Update</button> <button>Delete</button> |
| 7777777777 | ZenBook | ASUS | 1 | <button>Update</button> <button>Delete</button> |

以下是刪除產品的程式碼：



```
1 <?php
2 // check request
3 if(isset($_POST['itemid']) && isset($_POST['itemid']) != "")
4 {
5     // include Database connection file
6     include("db_connection.php");
7
8     // get item id
9     $itemid = $_POST['itemid'];
10    // delete item
11    $query = "DELETE FROM iteminfo WHERE ItemID = '$itemid'";
12    if (!$result = mysqli_query($conn, $query)) {
13        exit(mysqli_error($conn));
14        $response = 0;
15        echo json_encode($response);
16    }
17 }
18 else{
19     echo 'ERROR';
20 }
21 ?>
```

刪除 itemID 為 1111111111 的資料會失敗，是因為 itemID 的主鍵被購買紀錄的外來鍵來參考，如果要刪除 itemID 為 1111111111 的資料，需要先把參考 itemID 主鍵的購買紀錄先刪除，之後才能成功把 1111111111 產品資料刪除。



A failure dialog box is displayed over the product management interface. The dialog box contains the text: "Fail to delete Item, please check your order, maybe there still exist this item record" and a checkbox labeled "防止此網頁產生其他對話方塊。". There is a "確定" (Confirm) button.

產品管理

Create

| Item ID | Item Name | Supplier Name | Supplier ID | Action |
|------------|-----------|---------------|-------------|---|
| 1111111111 | ZenFone 4 | ASUS | 1 | <button>Update</button> <button>Delete</button> |
| 2222222222 | ZenBook | ASUS | 1 | <button>Update</button> <button>Delete</button> |

伍、 購買紀錄管理功能

一、 「購買紀錄管理顯示畫面」

將全部購買記錄顯示出來。是由 orderhistory 和 odetail 兩個 table 結合。

購買記錄管理

Create

| Order ID | Item ID | Item Name | Account | Name | Purchase Date | Action |
|----------|------------|-----------|---------|-------|---------------|---|
| 1 | 1111111111 | ZenFone 4 | Hk0001 | Jay | 2017-01-01 | <button>Update</button> <button>Delete</button> |
| 1 | 2222222222 | ZenBook | Hk0001 | Jay | 2017-01-01 | <button>Update</button> <button>Delete</button> |
| 1 | 3333333333 | ZenPad 10 | Hk0001 | Jay | 2017-01-01 | <button>Update</button> <button>Delete</button> |
| 1 | 4444444444 | VivoBook | Hk0001 | Jay | 2017-01-01 | <button>Update</button> <button>Delete</button> |
| 10 | 0000000000 | Note 8 | Hk0010 | Jacob | 2017-01-29 | <button>Update</button> <button>Delete</button> |

2222222222ZenBookHk0002Tim2017-01-01

orderManager.php

itemManager.php

memberManager.php

index.php

readItemDetails.php

readOrderDetails.php

readSupplierDetails.php

readUserDetails.php

```
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245

<table class="table">
  <thead>
    <tr>
      <th>Order ID</th>
      <th>Item ID</th>
      <th>Item Name</th>
      <th>Account</th>
      <th>Name</th>
      <th>Purchase Date</th>
      <th>Action</th>
    </tr>
  </thead>
  <tbody>
    <?php
      include 'db connection.php';
      $sql = "select * from orderhistory as oh left join member as m on oh.Account = m.Account left join
      odetail as o on oh.Oid = o.Oid left join iteminfo as i on o.ItemID = i.ItemID";
      $result = mysqli_query($conn, $sql);
      //SELECT * FROM orderhistory as oh , odetail as o, iteminfo as i, member as m where oh.Oid = o.Oid
      and oh.Account = m.Account and o.ItemID = i.ItemID"
      while($row = mysqli_fetch_array($result)) {
        echo '<tr>';
        echo '<td contentEditable=\''false\'' . $row['Oid'] . '</td>';
        echo '<td>'. $row['ItemID'] . '</td>';
        echo '<td>'. $row['ItemName'] . '</td>';
        echo '<td>'. $row['Account'] . '</td>';
        echo '<td>'. $row['Name'] . '</td>';
        echo '<td>'. $row['PurchaseDate'] . '</td>';
        echo '<td><button onclick="GetOrderDetails(\''.$row['Oid'].'\', \''.$row['ItemID'].'\')"' class="btn
        btn-warning">Update</button> | <button onclick="DeleteOrder(\''.$row['Oid'].'\', \''.$row['ItemID'].'\
        '\''"' class="btn btn-danger">Delete</button></td>';
        echo '</tr>';
      }
    <?>
  </tbody>
</table>
```

二、「購買紀錄管理新增功能」

新增購買紀錄，若是 OrderID 已經存在，則 Account 和 PurchaseDate 則可以略過因為系統會自動根據之前的 OrderID 去設定。同樣的，使用選單避免違反外來鍵規則。

新增購買紀錄

Order ID

555

ItemID -- ItemName

555555555 -- Pewdator 21 X ▾

Account -- Name [If your Order ID is exist, you can skip this part.]

Hk0005 -- Angela ▾

Purchase Date

2017/12/29

Cancel Create

按下 Create 時，會觸發以下程式碼。由於購買紀錄管理是由 orderhistory 和 odetail 結合的，所以購買紀錄的 Old 是允許重複的，但 Old 和 ItemID 不能重複 (odetail 的主鍵)。

```
147 <?php
148 include 'db_connection.php';
149 if(isset($_POST['Submit']))
150 {
151     $orderid = !empty($_POST["orderid"]) ? mysqli_real_escape_string($conn, $_POST["orderid"]) : null;
152     $itemid = !empty($_POST["itemid"]) ? mysqli_real_escape_string($conn, $_POST["itemid"]) : null;
153     $account = !empty($_POST["account"]) ? mysqli_real_escape_string($conn, $_POST["account"]) : null;
154     $purchaseDate = mysqli_real_escape_string($conn, $_POST["purchaseDate"]);
155     $purchaseDate = !empty($purchaseDate) ? "'$purchaseDate'" : "NULL";
156     if($orderid == "")
157     {
158         <font face="verdana" color="Red">OrderID can't be blank, please try again.</font>
159     }
160     <?php
161     else{
162         $result = mysqli_query($conn, "select count(*) as count from orderhistory where Old='$orderid'");
163         $row = mysqli_fetch_assoc($result);
164         $sql = "";
165         if($row['count'] == 0){
166             $sql .= "INSERT INTO orderhistory VALUES('$orderid','$account', $purchaseDate)";
167         }
168         $sql .= "INSERT INTO odetail VALUES('$orderid','$itemid')";
169         $result = mysqli_multi_query($conn, $sql);
170         if(!$result){
171             <font face="verdana" color="Red">Failed to create Order, maybe Same Order already exist, please try again.
172         }
173     }
174     <?php
175     else{
176         echo '<script>>window.location = "success.php?type=addOrder";</script>';
177         //header("Location: success.php?type=addMember");
178     }
179 }
```

新增成功。

| | | | | | | | |
|-----|-----------|---------------|--------|--------|------------|--------|--------|
| 4 | 444444444 | VivoBook | Hk0004 | Kevin | 2017-01-12 | Update | Delete |
| 5 | 555555555 | Pewdator 21 X | Hk0005 | Angela | 2017-01-14 | Update | Delete |
| 555 | 555555555 | Pewdator 21 X | Hk0005 | Angela | 2017-12-29 | Update | Delete |
| 6 | 666666666 | Switch 7 | Hk0006 | Genie | 2017-01-18 | Update | Delete |
| 7 | 000000000 | Note 8 | Hk0007 | Jam | 2017-01-19 | Update | Delete |

OrderID 不可為 null ; Old 和 ItemID 不能重複。

購買紀錄管理

OrderID can't be blank, please try again.

Create

購買紀錄管理

Failed to create Order, maybe Same Order already exist, please try again.

Create

三、「購買紀錄管理更新功能」

按下 Update 時，會觸發 GetOrderDetails()，再透過 readOrderDetail.php 抓取目前 Order 資料，然後在表單會呈現目前 Order 的各個 value。

```
30 function GetOrderDetails(oid, itemid) {
31     // Add order ID to the hidden field for future usage
32     $("#hidden_oid").val(oid);
33     $("#hidden_itemid").val(itemid);
34     $.post("readOrderDetails.php", {
35         oid: oid,
36         itemid: itemid
37     },
38     function (data, status) {
39         // PARSE json data
40         var order = JSON.parse(data);
41         // Assign existing values to the modal popup fields
42         $("#update_oid").val(order.Oid);
43         $("#update_itemid").val(order.ItemID);
44         $("#update_account").val(order.Account);
45         $("#update_purchaseDate").val(order.PurchaseDate);
46     });
47     // Open modal popup
48     $("#update_order_modal").modal("show");
49 }
50 }
```

```
1 // include Database connection file
2 include("db_connection.php");
3
4 // check request
5 if(isset($_POST['oid']) && isset($_POST['itemid']) && $_POST['oid'] != "")
6 {
7     // get item account
8     $oid = $_POST['oid'];
9     $itemid = $_POST['itemid'];
10
11     // Get item Details
12     $query = "SELECT * FROM orderhistory, odetail WHERE orderhistory.Oid = odetail.Oid and orderhistory.ItemID = '$itemid'";
13     if ($result = mysqli_query($conn, $query)) {
14         exit(mysqli_error($conn));
15     }
16     $response = array();
17     if(mysqli_num_rows($result) > 0) {
18         while ($row = mysqli_fetch_assoc($result)) {
19             $response = $row;
20         }
21     }
22     else
23     {
24         $response['status'] = 200;
25         $response['message'] = "Data not found!";
26     }
27     // display JSON data
28     echo json_encode($response);
29 }
30
31 else
32 {
33     $response['status'] = 200;
34     $response['message'] = "Invalid Request!";
35 }
36 }
```

修改 OrderID 為 555 的資料：

修改購買記錄

Order ID

444

ItemID - ItemName

333333333 -- ZenPad 10

Account - Name

Hk0005 -- Angela

Purchase Date

2017/12/29

Cancel Update

修完資料後按下 Update 會觸發以下程式碼。如果 OrderID 或 ItemID 是空的就會有提示 OrderID 和 ItemID 不可為空，其他的狀況則會顯示 Failed 的訊息（與新增一樣的訊息）。因為選單的關係，itemID 其實並不會為 null，在設計時沒想到這點。

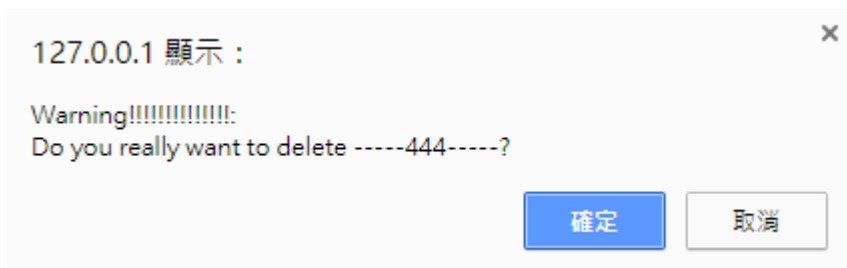
```
177 } else if(isset($_POST['Update']))
178 {
179     $oid = !empty($_POST['update_oid']) ? mysqli_real_escape_string($conn, $_POST['update_oid']) : null;
180     $account = !empty($_POST['update_account']) ? mysqli_real_escape_string($conn, $_POST['update_account']) : null;
181     $itemid = !empty($_POST['update_itemid']) ? mysqli_real_escape_string($conn, $_POST['update_itemid']) : null;
182     $purchaseDate = mysqli_real_escape_string($conn, $_POST['update_purchaseDate']);
183     $purchaseDate = !empty($purchaseDate) ? "$purchaseDate" : "NULL";
184     $sid = !empty($_POST['hidden_oid']) ? mysqli_real_escape_string($conn, $_POST['hidden_oid']) : "";
185     $iid = !empty($_POST['hidden_itemid']) ? mysqli_real_escape_string($conn, $_POST['hidden_itemid']) : "";
186     if($oid == "" || $sid == "" || $iid == "")
187     {
188         <?> <font face="verdana" color="Red">Order ID And ItemID can't be blank, please try again.</font>
189     }
190     else
191     {
192         $result = mysqli_multi_query($conn, "UPDATE orderhistory SET Oid='$oid', Account='$account', PurchaseDate='$purchaseDate' where Oid='$sid'; UPDATE odetail SET ItemID='$itemid' where Oid='$oid' and ItemID='$iid'");
193         if(!$result){
194             <?> <font face="verdana" color="Red">Failed to update order, please try again.</font>
195         }
196         else{
197             // $result = mysqli_query($conn, "UPDATE odetail SET ItemID='$itemid' where Oid='$oid'");
198             // if($result){
199                 echo "<script>window.location = 'success.php?type=updateOrder';</script>";
200             // }else{
201             }
202         }
203     }
```

修改成功

| | | | | | | | |
|-----|-----------|---------------|--------|--------|------------|--------|--------|
| 4 | 444444444 | VivoBook | Hk0004 | Kevin | 2017-01-12 | Update | Delete |
| 444 | 333333333 | ZenPad 10 | Hk0005 | Angela | 2017-12-29 | Update | Delete |
| 5 | 555555555 | Pewdator 21 X | Hk0005 | Angela | 2017-01-14 | Update | Delete |

四、「購買紀錄管理刪除功能」

刪除 OrderID 為 444 的資料：



以下為刪除購買記錄的程式碼。如果存在 odetail 的 Old 只有一筆的話，就刪除 odetail 和 orderhistory 的記錄，若有大於一筆以上的則只刪除 odetail 的記錄。

```
deleteOrder.php memberManager.php deleteSupplier.php index.php itemManager.php orderManager.php readItemDetails.php readOrderDetails.php readSup
1 <?php
2 // check request
3 if(isset($_POST['oid']) && isset($_POST['itemid']) != "")
4 {
5     // include Database connection file
6     include("db_connection.php");
7
8     // get order id
9     $oid = $_POST['oid'];
10    $itemid = $_POST['itemid'];
11    // delete odetail first, if it have only 1 Old in odetail, delete orderhistory too
12    $result = mysqli_query($conn, "select count(*) as count from odetail where Old='$oid'");
13    $row = mysqli_fetch_assoc($result);
14    if($row['count'] > 1){
15        $query = "DELETE FROM odetail WHERE Old = '$oid' and ItemID='$itemid'";
16        $result = mysqli_query($conn, $query);
17    }else{
18        $query = "DELETE FROM odetail WHERE Old = '$oid' and ItemID='$itemid'; DELETE from orderhistory where Old='$oid'";
19        $result = mysqli_multi_query($conn, $query);
20    }
21    if (!$result) {
22        exit(mysqli_error($conn));
23    }
24 }
25 else{
26     echo 'ERROR';
27 }
28 >?>
```

陸、 供應商管理功能

一、 「供應商管理顯示畫面」

顯示所有供應商資料。

供應商管理

Create

| Supplier ID | Supplier Name | Supplier Tel | Action |
|-------------|---------------|--------------|---|
| 1 | ASUS | 02-2222-2222 | <button>Update</button> <button>Delete</button> |
| 2 | Acer | 03-3333-3333 | <button>Update</button> <button>Delete</button> |
| 3 | Apple | 04-4444-4444 | <button>Update</button> <button>Delete</button> |
| 4 | Samsung | 05-5555-5555 | <button>Update</button> <button>Delete</button> |

supplierManager.php

orderManager.php

itemManager.php

memberManager.php

index.php

readItemDetails.php

readOrderDetails.php

readSupplierDetails.php

```
194 <table class="table">
195 <thead>
196 <tr>
197 <th>Supplier ID</th>
198 <th>Supplier Name</th>
199 <th>Supplier Tel</th>
200 <th>Action</th>
201 </tr>
202 </thead>
203 <tbody>
204 <?php
205 <include 'db_connection.php'>
206 $result = mysqli_query($conn, "SELECT * FROM supplier");
207 while($row = mysqli_fetch_array($result)) {
208     echo '<tr>';
209     echo '<td contenteditable=\''false\''>'. $row['SId'] . '</td>';
210     echo '<td>'. $row['SName'] . '</td>';
211     echo '<td>'. $row['STel'] . '</td>';
212     echo '<td><button onclick="GetSupplierDetails(\''.$row['SId'].'\''>GetSupplierDetails
213     btn-warning">Update</button> | <button onclick="DeleteSupplier(\''.$row['SId'].'\''>Delete
214     class="btn btn-danger">Delete</button></td>';
215     echo '</tr>';
216 }
217 ?>
</tbody>
</table>
```

二、「供應商管理新增功能」

新增一筆供應商資料。

新增供應商資料

Supplier ID

5

Supplier Name

York

Supplier Tel

07-7777-7777

Cancel Create

按下 Create 後觸發以下程式碼：

```
143 <?php
144 include 'db_connection.php';
145 if(isset($_POST['Submit']))
146 {
147     $sid = !empty($_POST["sid"]) ? mysqli_real_escape_string($conn, $_POST["sid"]) : null;
148     $sname = !empty($_POST["sname"]) ? mysqli_real_escape_string($conn, $_POST["sname"]) : null;
149     $stel = !empty($_POST["stel"]) ? mysqli_real_escape_string($conn, $_POST["stel"]) : null;
150     if($sid == "")
151     {
152         <font face="verdana" color="Red">Supplier ID can't be blank, please try again.</font>
153     }
154     else{
155         $result = mysqli_query($conn, "INSERT INTO supplier VALUES('$sid','$sname','$stel')");
156         if(!$result){
157             <font face="verdana" color="Red">Failed to create member, maybe account already exist, please try again.</font>
158         }
159         else{
160             echo '<script>>window.location = "success.php?type=addSupplier";</script>';
161         }
162     }
163 }
```

新增成功

供應商管理

| Create | | | | |
|-------------|---------------|--------------|--------|--------|
| Supplier ID | Supplier Name | Supplier Tel | Action | |
| 1 | ASUS | 02-2222-2222 | Update | Delete |
| 2 | Acer | 03-3333-3333 | Update | Delete |
| 3 | Apple | 04-4444-4444 | Update | Delete |
| 4 | Samsung | 05-5555-5555 | Update | Delete |
| 5 | York | 07-7777-7777 | Update | Delete |

SupplierID 不可為 null 和不能重複。

供應商管理

Supplier ID can't be blank, please try again.

Create

供應商管理

Failed to create member, maybe account already exist, please try again.

Create

三、「供應商管理更新功能」

按下 Update 時，會觸發 GetSupplierDetails()，再透過 readSupplierDetail.php 抓取目前 Supplier 資料，然後在表單會呈現目前 Supplier 的各個 value。

```
29 function GetSupplierDetails(sid) {
30     // Add User ID to the hidden field for future usage
31     $("#hidden_sid").val(sid);
32     $.post("readSupplierDetails.php", {
33         sid: sid
34     },
35     function (data, status) {
36         // PARSE json data
37         var supplier = JSON.parse(data);
38         // Assigning existing values to the modal popup fields
39         $("#update_sid").val(supplier.Sid);
40         $("#update_sname").val(supplier.SName);
41         $("#update_stel").val(supplier.STel);
42     });
43     // Open modal popup
44     $("#update_supplier_modal").modal("show");
45 }
46 }
```

```
1 <?php
2 // include Database connection file
3 include("db_connection.php");
4
5 // check request
6 if(isset($_POST['sid']) && isset($_POST['sname']) != "")
7 {
8     // get supplier account
9     $sid = $_POST['sid'];
10
11     // Get supplier Details
12     $query = "SELECT * FROM supplier WHERE Sid = '$sid'";
13     if (!$result = mysqli_query($conn, $query)) {
14         exit(mysqli_error($conn));
15     }
16     $response = array();
17     if(mysqli_num_rows($result) > 0) {
18         while ($row = mysqli_fetch_assoc($result)) {
19             $response = $row;
20         }
21     }
22     else
23     {
24         $response['status'] = 200;
25         $response['message'] = "Data not found!";
26     }
27     // display JSON data
28     echo json_encode($response);
29 }
30 else
31 {
32     $response['status'] = 200;
33     $response['message'] = "Invalid Request!";
34 }
35 ?>
```

修改 Sid 為 5 的供應商變成 Sid 為 6：

修改供應商資料

Supplier ID

Supplier Name

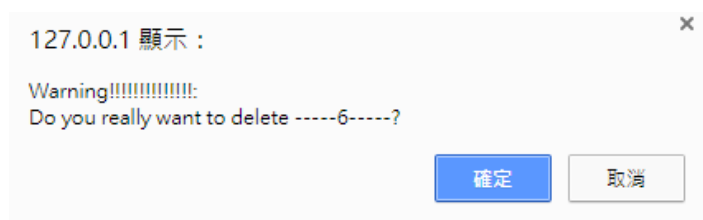
Supplier Tel

修完資料後按下 Update 會觸發以下程式碼。如果 Sid 是空的就會有提示 Sid 不可為空，其他的狀況則會顯示 Failed 的訊息（與新增一樣的訊息）。

```
163 }else if(isset($_POST['Update']))
164 {
165     $sid = !empty($_POST["update_sid"]) ? mysqli_real_escape_string($conn, $_POST["update_sid"]) : null;
166     $sname = !empty($_POST["update_sname"]) ? mysqli_real_escape_string($conn, $_POST["update_sname"]) : null;
167     $stel = !empty($_POST["update_stel"]) ? mysqli_real_escape_string($conn, $_POST["update_stel"]) : null;
168     $id = !empty($_POST["hidden_sid"]) ? mysqli_real_escape_string($conn, $_POST["hidden_sid"]) : "";
169     if($sid == "" || $id == "")
170     {
171         <?php
172         <font face="verdana" color="Red">Supplier ID can't be blank, please try again.</font>
173     }
174     else{
175         $result = mysqli_query($conn, "UPDATE supplier SET Sid='$sid', SName='$sname', STel='$stel' where Sid='$id'";
176         if(!$result){
177             <?php
178             <font face="verdana" color="Red">Failed to update supplier, please try again.</font>
179         }
180         else{
181             echo '<script>window.location = "success.php?type=updateSupplier";</script>';
182         }
183     }
```

四、「供應商管理刪除功能」

刪除 Sid 為 6 的供應商資料：



以下為刪除供應商資料的程式碼：

```
1  <?php
2  // check request
3  if(isset($_POST['sid']) && isset($_POST['sid']) != "")
4  {
5      // include Database connection file
6      include("db_connection.php");
7
8      // get supplier id
9      $sid = $_POST['sid'];
10     // delete supplier
11     $query = "DELETE FROM supplier WHERE Sid = '$sid'";
12     if (!$result = mysqli_query($conn, $query)) {
13         exit(mysqli_error($conn));
14     }
15 }
16 else{
17     echo 'ERROR';
18 }
19 ?>
```

柒、查詢

一、搜尋初始畫面

第一個選單為 table，第二個選單為所選擇的 table 的 attribute。我們透過\$_POST 及\$_GET 的方式去運作。

搜尋

Choose here ▾ ▾ Enter Text

search

localhost:8080/search.php?table=member

二、搜尋會員

搜尋會員帳號是 HK0001 的會員資料

搜尋

Member ▾ Account ▾ HK0001

search

搜尋會員帳號 HK0001 資料成功

搜尋

Member ▾ Account ▾ Enter Text

search

| Account | Password | Name | Birthday | Address |
|---------|----------|------|------------|---|
| Hk0001 | yun0001 | Jay | 1994-01-08 | No.1, Sec. 3, University Road, Douliu City, Yunlin County |

程式碼：

```
153
154 <?php
155 if(isset($_POST['Search']))
156 {
157     include 'db_connection.php';
158     $table = !empty($_POST["searchSelect1"]) ? mysqli_real_escape_string($conn, $_POST["searchSelect1"]) : null;
159     $attribute = !empty($_POST["searchSelect2"]) ? mysqli_real_escape_string($conn, $_POST["searchSelect2"]) : null;
160     $input = !empty($_POST["searchText"]) ? mysqli_real_escape_string($conn, $_POST["searchText"]) : null;
161     if($table != "" && $attribute != "")
162     {
163         if($table == 'member') {
164             <div class="table-responsive">
165             <table class="table">
166             <thead>
167             <tr>
168                 <th>Account</th>
169                 <th>Password</th>
170                 <th>Name</th>
171                 <th>Birthday</th>
172                 <th>Address</th>
173             </tr>
174             </thead>
175             <tbody>
176             <?php
177             //select * from $table where $attribute='&$input&'
178             $result = mysqli_query($conn, "SELECT * FROM member where $attribute like '%$input%'");
179             while($row = mysqli_fetch_array($result)) {
180                 echo ' <tr>';
181                 echo ' <td>'. $row['Account'] . ' </td>';
182                 echo ' <td>'. $row['Password'] . ' </td>';
183                 echo ' <td>'. $row['Name'] . ' </td>';
184                 echo ' <td>'. $row['Birthday'] . ' </td>';
185                 echo ' <td>'. $row['Address'] . ' </td>';
186                 echo ' </tr>';
187             }
188             ?>
189             </tbody>
190             </table>
191             </div>
```

三、 搜尋產品

搜尋 itemID 為 1111111111 的產品資料

搜尋

Item ▼ ItemID ▼ 1111111111 search

搜尋 itemID 為 1111111111 的產品資料成功

搜尋

Item ▼ ItemID ▼ Enter Text search

| Item ID | Item Name | Supplier Name | Supplier ID |
|------------|-----------|---------------|-------------|
| 1111111111 | ZenFone 4 | ASUS | 1 |

程式碼

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四、 搜尋購買紀錄

搜尋會員帳號 HK0001 的購買紀錄

搜尋

OrderHistory Account HK0001 search

搜尋會員帳號 HK0001 的購買紀錄成功

搜尋

OrderHistory Old Enter Text search

| Order ID | Item ID | Item Name | Account | Name | Purchase Date |
|----------|------------|-----------|---------|------|---------------|
| 1 | 1111111111 | ZenFone 4 | Hk0001 | Jay | 2017-01-01 |
| 1 | 2222222222 | ZenBook | Hk0001 | Jay | 2017-01-01 |
| 1 | 3333333333 | ZenPad 10 | Hk0001 | Jay | 2017-01-01 |
| 1 | 4444444444 | VivoBook | Hk0001 | Jay | 2017-01-01 |

程式碼

```
222 <?php
223 else if($table == 'orderhistory')
224 {
225     <div class="table-responsive">
226     <table class="table">
227     <thead>
228     <tr>
229     <th>Order ID</th>
230     <th>Item ID</th>
231     <th>Item Name</th>
232     <th>Account</th>
233     <th>Name</th>
234     <th>Purchase Date</th>
235     </tr>
236     </thead>
237     <tbody>
238     <?php
239     $sql = "select * from orderhistory as oh left join member as m on oh.Account = m.Account left join odetail as o on oh.OId =
240     o.OId left join iteminfo as i on o.ItemID = i.ItemID where oh.$attribute like '%$input%'";
241     $result = mysqli_query($conn, $sql);
242     while($row = mysqli_fetch_array($result)) {
243         echo <tr>;
244         echo <td contenteditable='false'>'. $row['OId'] . </td>;
245         echo <td>'. $row['ItemID'] . </td>;
246         echo <td>'. $row['ItemName'] . </td>;
247         echo <td>'. $row['Account'] . </td>;
248         echo <td>'. $row['Name'] . </td>;
249         echo <td>'. $row['PurchaseDate'] . </td>;
250         echo </tr>;
251     }
252     ?>
```

五、 搜尋供應商

搜尋 ASUS 供應商資料

搜尋

Supplier ▾ SName ▾ ASUS search

搜尋 ASUS 供應商資料成功

搜尋

Supplier ▾ SId ▾ Enter Text search

| Supplier ID | Supplier Name | Supplier Tel |
|-------------|---------------|--------------|
| 1 | ASUS | 02-2222-2222 |

程式碼

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    <?php
    }else if($table == 'supplier'){
        <div class="table-responsive">
        <table class="table">
        <thead>
        <tr>
        <th>Supplier ID</th>
        <th>Supplier Name</th>
        <th>Supplier Tel</th>
        </tr>
        </thead>
        <tbody>
        <?php
        $result = mysqli_query($conn, "SELECT * FROM supplier where $attribute like '%$input%');
        while($row = mysqli_fetch_array($result)) {
            echo '<tr>';
            echo '<td contenteditable=\'false\'>'. $row['SId'] . '</td>';
            echo '<td>'. $row['SName'] . '</td>';
            echo '<td>'. $row['STel'] . '</td>';
            echo '</tr>';
        }
    }
    ?>
```

捌、 所有管理系統之新增、刪除、更新「執行成功」程式碼

success.php 的功用是為了顯示 alert 訊息和導回原網頁。

```
1 <?php
2 $type = $_GET['type'];
3 if($type == 'deleteMember'){
4     echo '<script language="javascript">alert("Deleted Member");window.location.href=\'memberManager.php\';</script>';
5 }
6 if($type == 'addMember'){
7     echo '<script language="javascript">alert("Member Created Successfully!");window.location.href=\'memberManager.php\';</script>';
8 }
9 if($type == 'updateMember'){
10    echo '<script language="javascript">alert("Member Updated Successfully!");window.location.href=\'memberManager.php\';</script>';
11 }
12 if($type == 'updateItem'){
13    echo '<script language="javascript">alert("Item Updated Successfully!");window.location.href=\'itemManager.php\';</script>';
14 }
15 if($type == 'addItem'){
16    echo '<script language="javascript">alert("Item Created Successfully!");window.location.href=\'itemManager.php\';</script>';
17 }
18 if($type == 'deleteItem'){
19    echo '<script language="javascript">alert("Deleted Item");window.location.href=\'itemManager.php\';</script>';
20 }
21 if($type == 'failDeleteItem'){
22    echo '<script language="javascript">alert("Fail to delete Item, please check your order, maybe there still exist this item record");window.location.href=\'itemManager.php\';</script>';
23 }
24 if($type == 'updateOrder'){
25    echo '<script language="javascript">alert("Order Updated Successfully!");window.location.href=\'orderManager.php\';</script>';
26 }
27 if($type == 'addOrder'){
28    echo '<script language="javascript">alert("Order Created Successfully!");window.location.href=\'orderManager.php\';</script>';
29 }
30 if($type == 'deleteOrder'){
31    echo '<script language="javascript">alert("Deleted Order");window.location.href=\'orderManager.php\';</script>';
32 }
33 if($type == 'updateSupplier'){
34    echo '<script language="javascript">alert("Supplier Updated Successfully!");window.location.href=\'supplierManager.php\';</script>';
35 }
36 if($type == 'addSupplier'){
37    echo '<script language="javascript">alert("Supplier Created Successfully!");window.location.href=\'supplierManager.php\';</script>';
38 }
39 if($type == 'deleteSupplier'){
40    echo '<script language="javascript">alert("Deleted Supplier");window.location.href=\'supplierManager.php\';</script>';
41 }
42 //header("Location: memberManager.php")
43 ?>
```