1. **課程新增按鈕**

* **URL:** <http://140.110.16.29/user/course_create.php>
* **Method:** Redirect
* **URL Params:** none
* **Data Params:** none
* **Success Response:**
  + **Code:** 200
  + **Content**: usr/[course\_create.php](http://140.110.16.29/user/course_create.php)
* **Error Response:**
  + **Code:** 404 NOT FOUND
  + **Content:** 404 error page
* **Sample Call: none**

1. **課程內容新增按鈕- 確定按鈕**

* **URL:** http://140.110.16.29/user/course\_new.php
  + **Method:** post
* **URL Params:** none
* **Data Params:** course\_name, DSet, DSetCount, Button\_Submit
* **Success Response:**
  + **Code:** 200
  + **Content**: http://140.110.16.29/user/course.php
* **Error Response:**
  + **Code:** pop java script error message
  + **Content:** error message

1. **課程清單上 - 建立按鈕**

* **URL:** http://140.110.16.29/user/job\_new.php
  + **Method:** post
* **URL Params:** none
* **Data Params:** course\_id, DDL\_di\_id, dataset\_course, update\_time, docker\_server
* **Success Response:**
  + **Code:** 200
  + **Content**: http://140.110.16.29/user/job.php
* **Error Response:**
  + **Code:** none
  + **Content:** error message

1. **工作清單按鈕**

* **URL:** http://140.110.16.29/user/job.php
* **Method:** post
* **URL Params:** none
* **Data Params:** none
* **Success Response:**
  + **Code:** 200
  + **Content**: job.php
* **Error Response:**
  + **Code:** 404 NOT FOUND
  + **Content:** 404 error page
* **Sample Call to Connect DB:**

|  |
| --- |
| $sql="select \* from `job` where `aid`='".$\_SESSION['aid']."' AND `course\_template`='0';";  $result = mysqli\_query($conn, $sql);  $rownum = mysqli\_num\_rows($result);  $job\_num=1;  if ( $rownum > 0 ){  $ReplaseStrArr=array("start"=>"&nbsp;啟動&nbsp;&nbsp;","stop"=>"&nbsp;停止&nbsp;&nbsp;");  echo '<table cellspacing="0" cellpadding="4" rules="all" class="table table-bordered table-hover" border="1" id="GV" style="border-collapse:collapse;">'."\n";  echo '<tr><th>No.</th><th>狀態</th><th>課程名稱</th><th>Docker Image</th><th>data set</th><th>建立者</th><th>建立日期時間</th></tr>'."\n";  while ($row = mysqli\_fetch\_assoc($result)) {  $Port8000=$row['job\_id']+8000;  $Port6000=$row['job\_id']+6000;  $Port5000=$row['job\_id']+5000;  $Port10000=$row['job\_id']+10000;  $mode="";  if($row['mode'] == '1' ){  # $mode="<a target=\_blank href=http://140.110.16.29:".$Port5000.">Digits</a>";  $mode="<a target=\_blank href=http://140.110.16.29:".$Port5000.">Digits</a>&emsp;<a target=\_blank href=terminal.php?server=".$row['docker\_server']."&id=".$row['job\_id']."&mode=".$row['mode'].">Terminal</a>";  }elseif($row['mode'] == '2'){  $mode='<a target=\_blank href=http://140.110.16.29:'.$Port8000.'>Jupyter</a>'; |

1. **工作清單 – (container建立)**

* **URL:** http://140.110.16.29/user/job.php
* **Method:** post
* **URL Params:** none
* **Data Params:** none
* **Success Response:**
  + **Code:** 200
  + **Content**: job\_new.php
* **Error Response:**
  + **Code:** 404 NOT FOUND
  + **Content:** 404 error
* **Sample Call:**

1. **工作清單 – 停止按鈕**

* **URL:** http://140.110.16.29/user/job.php
* **Method:** get
* **URL Params:** none
* **Data Params:** job\_id, di\_id, course\_name, dataset
* **Success Response:**
  + **Code:** 200
  + **Content**: job\_stop.php
* **Error Response:**
  + **Code:** 404 NOT FOUND
  + **Content:** 404 error page

1. **工作清單 – 刪除按鈕**

* **URL:** http://140.110.16.29/user/job.php
* **Method:** get
* **URL Params:** none
* **Data Params:** job\_id, di\_id, course\_name, dataset
* **Success Response:**
  + **Code:** 200
  + **Content**: job\_del.php
* **Error Response:**
  + **Code:** 404 NOT FOUND
  + **Content:** 404 error page

1. **工作清單 – 編輯按鈕**

* **URL:** http://140.110.16.29/user/job\_edit.php?job\_id=339&di=byl:v1
* **Method:** post
* **URL Params:** none
* **Data Params:** username, job\_id, di\_id
* **Success Response:**
  + **Code:** 200
  + **Content**: job\_update.php
* **Error Response:**
  + **Code:** 404 NOT FOUND
  + **Content:** 404 error page

1. **工作清單 – commit按鈕**

* **URL:** http://140.110.16.29/user/job\_commit\_restful.php
* **Method:** post
* **URL Params:** none
* **Data Params:** username, repo, job\_id, tag
* **Success Response:**
  + **Code:** 200
  + **Content**: http://140.110.16.29/user/job.php
* **Error Response:**
  + **Code:** 名稱重複
  + **Content:** http://140.110.16.29/user/job\_edit.php?job\_id=339&di=byl:v1
* **Sample Call to Connect DB:**

|  |
| --- |
| <?php  include "../session.php";  include "docker\_restful.php";  if($\_POST['repo']==""){  $repo=$\_SESSION['username'];  }  else{  $repo=$\_SESSION['username']."/".$\_POST['repo'];  }  $sqlexist="SELECT `di\_id` FROM `docker\_image` WHERE `name`='".$repo."' AND `tag`='".$\_POST['tag']."'";  $resultexist=$conn->query($sqlexist);  $rowexist=$resultexist->fetch\_assoc();  if (! isset($rowexist)){  //commit  docker\_commit(localhost,$\_POST['job\_id'],$repo,$\_POST['tag']);  //echo $\_SESSION['username'].",".$\_POST['repo'].",".$\_POST['job\_id'].",".$repo.",".$\_POST['tag'];  $image\_all=explode(":",$\_POST['di\_id']);  $name=$image\_all[0];  $tag=$image\_all[1];  $sql="SELECT `di\_id`, `software\_list`, `mode`, `cmd` FROM `docker\_image` WHERE `name`='".$name."' AND `tag`='".$tag."'";  $result=$conn->query($sql);  $row=$result->fetch\_assoc();  $sqlinsert= "insert into `docker\_image`(`name`, `tag`, `software\_list`, `mode`, `cmd`) VALUES ('".$repo."','".$\_POST['tag']."','".$row['software\_list']."','".$row['mode']."','".$row['cmd']."')";  mysqli\_query($conn,$sqlinsert);  //Back  echo "<script>alert('Job commit success.'); location.href ='job.php';</script>";  }  else{  $a='job\_edit.php?job\_id='.$\_POST['job\_id'].'&di='.$\_POST['di\_id'];  echo "<script>alert('Image命名與現有的重複!');";  echo "window.location=('$a');";  echo "</script>";  }  ?> |