

Hands-on: Database Modification – The form

- A new use case: the logged-in user wants to change the password
 - We need to create a new PHP page with a form with username and the new password inputs
 - Copy the current `form.php` file and name it to `changepasswordform.php`:
`$ cp form.php changepasswordform.php`
 - Add the link to this page from the `index.php`:
`Change password`
 - Change the HTML content and the form in `changepasswordform.php` as below (new/revised contents are highlighted in **boxes**)

```
<h1>Change Password, SecAD</h1>
<h2>By Phu Phung</h2>
<?php
//some code here
echo "Current time: " . date("Y-m-d h:i:sa")
?>

<form action="changepassword.php" method="POST" class="form login">
  Username:<input type="text" class="text_field" name="username">
  <br>
  New password: <input type="password" class="text_field" name="newpassword" /> <br>
  <button class="button" type="submit">
    Change password
  </button>
</form>
```

Hands-on: Database Modification – The action

- We need to create a new PHP page to get the username and new password inputs
 - Connect to the database to execute a corresponding SQL query, i.e., `UPDATE users SET password = ... WHERE username= ...` to change the password
 - Hands-on: Create the `changepassword.php` file and just print out the inputs as the code below:

\$ **subl** changepassword.php

```
1 <?php
2     $username= $_REQUEST["username"];
3     $newpassword = $_REQUEST["newpassword"];
4     if (isset($username) AND isset($newpassword)) {
5         echo "DEBUG:changepassword.php->Got: username=$username;newpassword=$newpassword\n<br>";
6     }else{
7         echo "No provided username/password to change.";
8         exit();
9     }
10 ?>
11 <a href="index.php">Home</a> | <a href="logout.php">Logout</a>
```

`$_REQUEST` can be used
for both `$_GET` & `$_POST`