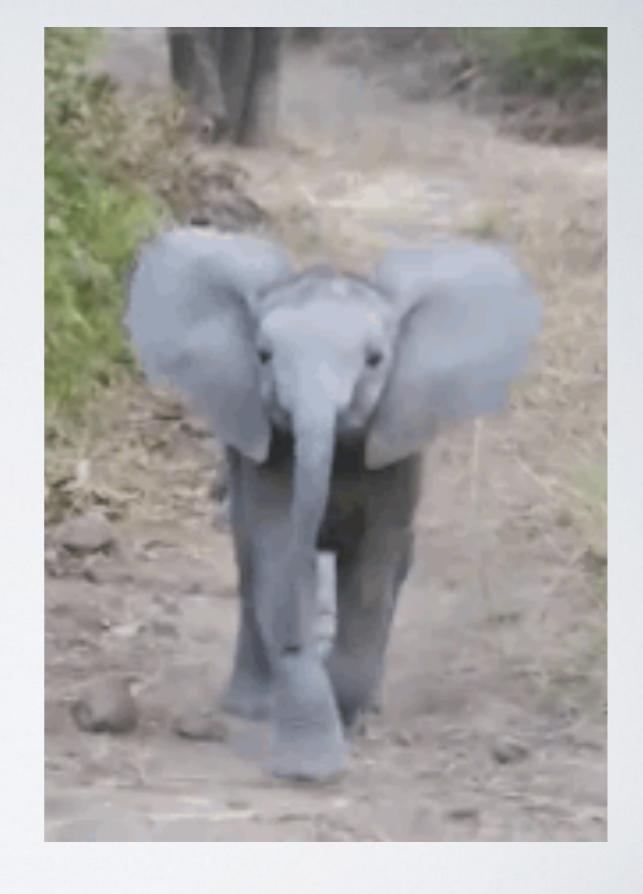


## INTROTO PHP & MYSQL

TJ Nicolaides Original Curriculum: Izzy Johnston

# PART 4: ADVANCED PHP

Intro to PHP & MySQL



# INCLUDES: DON'T REPEAT YOURSELF

- Refactor your page templates
- Move page <head>,
   navigation, to includes/
   header.inc.php
- Move footer to includes/ footer.inc.php

```
<!doctype html>
   <html>
12
        <head>
             <meta http-equiv="Content-Type" content=</pre>
13
            <link href="assets/style.css" type="text</pre>
14
            <title><?php echo $title?></title>
15
        </head>
16
18
19
20
21
22
23
24
25
26
29
```

#### INCLUDES

 Use include like we've done with db.inc.php for the header and footer

```
$title="Class 2 Show Product";
  $product_show=true;
  include 'include/header.inc.php';
19
```

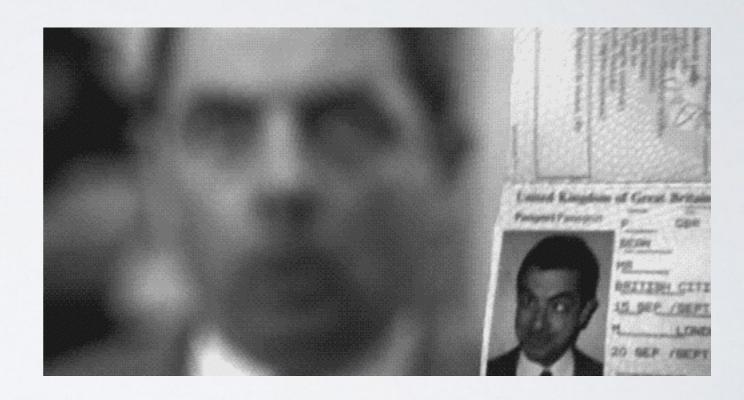
#### INCLUDES: HEADER

 Declare variables on your page template, use later in includes/header.inc.php to highlight active navigation link

```
if ($product_insert == true){
       $insert_product_class = "navcurr";
13 } else {
       $insert_product_class = "nav";
   if ($product_show == true){
       $show_product_class = "navcurr";
19 } else {
       $show_product_class = "nav";
21
  if ($company_insert == true){
       $insert_company_class = "navcurr";
       $insert_company_class = "nav";
   if ($company_show == true){
       $show_company_class = "navcurr";
       $show_company_class = "nav";
33
  if ($search == true){
       $search_class = "navcurr";
37 } else {
       $search_class = "nav";
40 ?>
```

#### USER AUTHENTICATION

- Control who can see, edit, and insert information
- Create new table in our MySQL db:
  - named admin
  - fields: user\_id,
     username, password



#### USER REGISTRATION

- Create\_account.php has an HTML form we'll use to allow users to input a username and a password
- New input type: "password" displays masked data instead of plain text
- Form is using "post" instead of "get" - why?

```
10
11
12
13
14
15
16
17
18
   <form action="create_account_result.p</pre>
19
        Username:<input type="text" name=
20
        Password:<input type="password"
21
        <input type="submit" value="Creat</pre>
22
   </form>
23
24
25
26
27
28
29
30
31
```

#### USER REGISTRATION

- Create\_account.php posts to create\_account\_result.php
- Use PHP function md5() to "hash" the password - don't store passwords in your database in plain text!

```
10
12
13
14
15
16
17
   $password = mysqli_real_escape_string($link, $_
19
20
   $username = mysqli_real_escape_string($link, $_
22
   $password = md5($password, FALSE);
23
24
25
26
27
28
29
30
31
32
33
34
35
```

#### USER LOGIN

- Login\_form.php has an HTML form that also uses "post"
- Same form as create\_account.php - points to login.php instead, though

```
12
13
14
15
16
   <form action="login.php" method="post">
       Username:<input type="text" name="username
20
       Password:<input type="password" name="pass
21
       <input type="submit" value="Login"/>
   </form>
26
27
28
29
30
31
32
33
34
35
36
37
38
```

#### USER LOGIN

- Login.php compares the md5() hash of the entered password against what you stored in the database for that particular user
- If there's a match, start a session and store some session variables

```
$username = mysqli_real_escape_string($link, $_POST['
   $password = mysqli_real_escape_string($link, $_POST[
   $password = md5($password, FALSE);
   $sql = "SELECT user_id FROM admin WHERE
   username='$username' AND password='$password'";
20 $result = mysqli_query($link, $sql);
$\frac{1}{21} \$\recording = \text{mysqli_fetch_array(\$\result);}
   $user_id=htmlspecialchars($recording['user_id'], ENT_
24 if ($user_id > 0){
       session_start();
       $_SESSION['loggedIn'] = TRUE;
       $_SESSION['username'] = $username;
       $_SESSION['password'] = $password;
       header('Location:product_show.php');
30
31
32
33
```

### USER LOGIN

 Protect pages: if a certain session variable isn't present, exit() or redirect to a safer page

```
33
34
35
   session_start();
   if (!$_SESSION['loggedIn']){
       header('Location:product_show.php')
38
39
40
41
42
43
44
```