

## PROGRAMMING FOR THE INTERNET: MYSQL Project, Phase 5

### Login Log

One of the joys of creating a website is knowing it gets used! One of the most effective means of doing this is tracking logins. To do this, in the IF statement that registers the session, we also need to add this person to a table that tracks logins. This phase will have you do this.

#### **STEP 1 → Create the login table**

Go into PHPMYADMIN and create a new table called "login" in our database with the following columns:

**ID** (int, unsigned, auto\_inc., index [click the key!]), **username** (vrchr 16), **time** (timestamp [current timestamp]), **IP** (vrchr 16)

#### **STEP 2 → Add code to login.php that adds data to the login table**

Open login.php and locate where you register the two variables "user" and "accessLevel". Within that IF statement, (before the final brace), add the following code:

```
$add = "INSERT INTO login SET username = '{$_SESSION['user']}', IP='{$_SERVER['REMOTE_ADDR']}' ";  
$result = mysql_query($add) or die("Problem with query");
```

#### **STEP 3 → Create a page that displays all logins to the website**

Open mysql.php and save it as loginHistory.php  
Change the code that currently reads

```
$$SQL = "SELECT * FROM members "; (Appears towards the bottom of the page before we dynamically generate the use table.)
```

to

```
$$SQL = "SELECT * FROM login ORDER BY time DESC";
```

**You must now** modify the column names that appear in your table to reflect the data in this table.  
**Have the following column names:** ID, username, time, IP

Look at your page. You will notice the time information doesn't look "pretty"

Your code probably looks like the following: "... <td>{\$\_db\_field['time']}</td>..."

Before that line begins, add the following:

```
$timeDate = date("m/j/y - g:i:s", strtotime($_db_field['time']));
```

Now replace "... <td>{\$\_db\_field['time']}</td>..." with "... <td>\$timeDate</td>..."

Want the date and time information to appear differently? Look here: [php.net/date](http://php.net/date) for other ways to format the date.

#### **STEP 4 → Edit login.php so that when an admin is logged in, he/she sees a link to login.php**

Users with other types of access levels should NOT see this link!