



Centre for Continuing Education

420-P75-AB PHP PROGRAMMING

Test 2

Date: March 28th, 2019

This test is marked on 50. It is worth 15% of the course.

Time: 3.5 hours

Good Luck!

Read through all the instructions before starting so that you properly understand what is expected. Look at files provided in case they have additional functions.

TEST OUTLINE

A user must be log in to view random quotes, but a user is only allowed to be logged in for a maximum of 2 minutes, at which time they are logged out.

A user that is logged but has exceeded its 2 minute limit should be logged out and redirected to the login page. (NOTE THIS ONLY HAPPENS WHEN THE PAGE LOADS!!!! If time expires while the user in on the page, nothing happens)

Your exam should be located at url <http://localhost/timing> (so add the **timing** folder to htdocs !)

Inside this folder you will find 4 php files: **index.php**, **login.php**, **logout.php** and **uhoh.php** as well as well as an sql file in the database folder and additional stylesheets

Import the required tables (database/test2.sql) into our ipd19 database.

Use composer to install MeekroDB and Monolog in our new folder.

Here are the details for 4 required pages, read each directive carefully.

Home - index.php

A user must be logged in to access this page, if not logged in redirect the user to the login page.

Log the notice "**Time Expired**" including the access code as a parameter

A user that is logged and not passed the 2 minute limit, will be shown:

1. A random quote and it's author from the *timing_quotes* table
2. How much time they have left before being automatically logged out

Log the info "**Quoted by**" include the author of the quote as a parameter

Login - login.php

A user that is logged in should be redirected to the home page

A user that is not logged in will see the form and have to provide access code and password.

When the form is submitted, the following validation should occur using PHP:

Access Code: A numeric value with a length of 5

Password: A string between 3 to 6 characters

Both Access Code and Password should match a record in the *timing_users* table.

Unsuccessful login should display reason in provided alert area.

Successful login will

1. save the current time to the *timing_users* table for the logged in user
2. **Log** the notice "**User Logged In**" including the access code as a parameter

Logout - logout.php

A user that I logged in will be logged out and then redirected to the login page

Log the alert "**User Logged Out**" including the access code as a parameter

A user that is not logged in will be redirected to the UhOh page

Log the notice "**Logout Redirect**".

UhOh - uhoh.php

Show the page as is and **Log** the warning "**UhOh**"

Extra Information

All forms should use the POST method.

All users in the databases use the password 1234

Only display error to the user when there is an actual error.

You should have includes for the header, footer and reusable code

All logs should be saved to a timing.log file in the logs folders

Save all files, zip the folder and submit it to Lea in the Assignment section for Test 2.

(should your zipped folder be too large to submit via léa, remove the vendor folder and try to resubmit)