loginsite.html:

<!doctype html>

<html lang="en">

<head>

<title>File Sharing Site</title>

</head>

<body>

<!--User enters username, and when pressing submit is directed to the file viewing page-->

<form name="input" action="fileview.php" method="GET">

<label for="usernameinput">Please enter your username: </label>

<input type="text" name="username" id="usernameinput">

<input type="submit" value="Submit">

</form>

<br>

<!--If user wants to create account, type new username in the box and press Signup-->

<form name='input' action='signup.php' method='GET'>

<label for='signupinput'>If you don't have an account, sign up here: </label>

<input type='text' name='newusername' id="signupinput">

<input type='submit' value='Signup'>

</form>

</body>

</html>

upload.php:

<?php

//begin session

session\_start();

//comes from the chosen file from fileview.php, used wiki for help

$filename = basename($\_FILES['uploaded']['name']);

//check for valid file name, used wiki for help

if(!preg\_match('/^[\w\_\.\-]+$/', $filename)) {

echo "Invalid Filename";

header("Location: failure.html");

exit;

}

//checks for valid username, used wiki for help

$username = $\_SESSION['username'];

if( !preg\_match('/^[\w\_\-]+$/', $username) ) {

echo "Invalid username";

header("Location: failure.html");

exit;

}

//creates a variable that contains the full file path to upload the file to, used wiki for help

$full\_path = sprintf("/home/ikatzman/mod2/%s/%s", $username, $filename);

//if the file is successfully uploaded, go to success page, otherwise go to failure page, used wiki for help

if(move\_uploaded\_file($\_FILES['uploaded']['tmp\_name'], $full\_path) ) {

header("Location: success.html");

exit;

}

else {

header("Location: failure.html");

exit;

}

?>

fileview.php:

<!doctype html>

<html lang="en">

<header>

<title>View, upload, and delete files</title>

</header>

<body>

<?php

session\_start();

//wait what does this part need to check for?

//seems to be working correctly...

if (array\_key\_exists("username", $\_GET)) {

$\_SESSION['username'] = $\_GET['username'];

$username = $\_SESSION['username'];

}

else {

$username = $\_SESSION['username'];

}

if ($username == '') header("Location: loginfailure.html");

echo "Logged in as " . $username . "<br><br>";

$f = fopen("/home/ikatzman/mod2/users.txt", "r");

while(!feof($f)){

if ($username == trim(fgets($f))) {

$filepath = sprintf("/home/ikatzman/mod2/%s", $username);

goto a;

}

}

header("Location: loginfailure.html");

a:

$f = fopen("/home/ikatzman/mod2/users.txt", "r");

while(!feof($f)){

if ($username == trim(fgets($f))) {

$filepath = sprintf("/home/ikatzman/mod2/%s", $username);

$files = fopen($filepath, "r");

$contents = scandir($filepath);

for($i = 2; $i < count($contents); $i++){

$filename = $contents[$i];

echo htmlentities($filename);

echo "<form action='view.php' method='GET'>

<input type='hidden' name='file' value='".$filename."'/>

<input type='submit' value='View'/>

</form>";

echo "<form action='delete.php' method='GET'>

<input type='hidden' name='file' value='".$filename."'/>

<input type='submit' value='Delete'/>

</form>";

echo "<form name='input' action='transfer.php' method='GET'>

<label for='usernameinput'>Enter the User you want to transfer this file to:</label>

<input type='text' name='move'>

<input type='hidden' name='transfer' value='".$filename."'/>

<input type='submit' value='Move'/>

</form>";

echo "<br>";

}

}

}

?>

<form name="upload" enctype="multipart/form-data" action="upload.php" method="POST">

<p>

<input type="hidden" name="MAX\_FILE\_SIZE" value="20000000" />

<label for="input">Choose File for Upload:</label>

<input name="uploaded" type="file" id="input"/>

</p>

<p>

<input type="submit" value="Upload"/>

</p>

</form>

<form name="logout" action="logout.php">

<input type='submit' value='Log Out'/>

</form>

</body>

</html>

transfer.php:

<?php

session\_start();

$filename = $\_GET['transfer'];

$username1 = $\_SESSION['username'];

$username2 = $\_GET['move'];

$full\_path1 = sprintf("/home/ikatzman/mod2/%s/%s", $username1, $filename);

$full\_path2 = sprintf("/home/ikatzman/mod2/%s/%s", $username2, $filename);

echo $full\_path;

if(rename($full\_path1, $full\_path2)){

header("Location: success.html");

exit;

}

else {

header("Location: failure.html");

exit;

}

?>

view.php:

<?php

session\_start();

//session\_start();

$filename = $\_GET['file'];

if(!preg\_match('/^[\w\_\.\-]+$/', $filename)){

echo "Invalid Filename";

exit;

}

$username = $\_SESSION['username'];

if( !preg\_match('/^[\w\_\-]+$/', $username) ){

echo "Invalid username";

exit;

}

$full\_path = sprintf("/home/ikatzman/mod2/%s/%s", $username, $filename);

$finfo = new finfo(FILEINFO\_MIME\_TYPE);

$mime = $finfo->file($full\_path);

//header("Content-Type: ".mime);

header('Content-Description: File Transfer');

header('Content-Type: application/octet-stream');

header('Content-Type: application/pdf');

header('Content-Disposition: attachment; filename="'.basename($filename).'"');

header('Expires: 0');

header('Cache-Control: must-revalidate');

header('Pragma: public');

//header('Content-Length: ' . filesize($filename));

readfile($full\_path);

exit;

?>

logout.php:

<?php

session\_start();

session\_destroy();

header("Location: loginsite.html");

exit;

?>

delete.php:

<?php

session\_start();

$filename = $\_GET['file'];

echo $filename;

$username = $\_SESSION['username'];

$path = sprintf("/home/ikatzman/mod2/%s/%s", $username, $filename);

if(unlink($path)){

header("Location: success.html");

}

else{

header("Location: failure.html");

}

?>

success.html:

<!doctype html>

<html lang="en">

<head>

<title>Success</title>

Success!

</head>

<body>

<form action="fileview.php" method="post">

<input name="Back" type="submit" value="Back">

</form>

</body>

</html>

failure.html:

<!doctype html>

<html lang="en">

<head>

<title>Failure</title>

Failure.

</head>

<body>

<form action="fileview.php" method="post">

<input name="Back" type="submit" value="Back">

</form>

</body>

</html>

Loginfailure.html:

<!doctype html>

<html lang="en">

<head>

<title>Login Failure</title>

</head>

<body>

Invalid Login.

<form action="loginsite.html" method="post">

<input name="Back" type="submit" value="Back">

</form>

</body>

</html>

Signup.html:

<?php

//Used the PHP manual for help

//User inputs new username

$newusername = $\_GET['newusername'];

//If mkdir is successful and a new user folder is created,

if (mkdir("/home/ikatzman/mod2/".$newusername, 0777)){

$filepath = "/home/ikatzman/mod2/users.txt";

$filehandle = fopen($filepath, "a");

fwrite($filehandle, $newusername."\n");

fclose($filehandle);

header("Location: loginsite.html");

}

else {

header("Location: failure.html");

}

?>