

Alpha That Works

Alpha 2

Featuring:

Brandon Alenstein as the Front End Guy

Akassh Shah as the Middle and Back End Guy

File: web.njit.edu/~as2757/cs490/back/alpha/account.php

```
<?php
$hostname = "sql.njit.edu";
$username = "as2757" ;
$project = "as2757" ;
$password = "You read the bible, Ringo?" ;
?>
```

File: web.njit.edu/~as2757/cs490/back/alpha/FuncDefs.php

```
<?php
/*
  Author: Akassh Shah
*/

require("account.php");

function errorReporting(){
    error_reporting(E_ALL);
    ini_set('display_errors' , 1);
    return;
}

function connectDB(&$db, &$flag_c){
    global $hostname, $username, $password, $project;
    $db=mysqli_connect($hostname, $username, $password, $project);
    if (mysqli_connect_errno()){
        $flag_c=TRUE;
    }
    return;
}
```

```

function closeDB(&$db){
    mysqli_close($db);
    return;
}

function ucidPass(&$db,$ucid,$password){
    $queryStatement="select * from cs490alpha where ucid='$ucid' and
password='$password'";
    ($t=mysqli_query($db,$queryStatement)) or die(mysqli_error($db));
    if(mysqli_num_rows($t)==0){
        return(FALSE);
    }
    return(TRUE);
}
?>

```

File: web.njit.edu/~as2757/cs490/back/alpha/back-alpha.php

```

<?php
/*
    Author: Akassh Shah
*/
require("FuncDefs.php");
require("account.php");
function main(){
    connectDB($db, $flag_c);
    $json_data = file_get_contents("php://input");
    $data = json_decode($json_data, true);
    $ucid = $data['user'];

```

```

$password = $data['pass'];
if(ucidPass($db,$ucid,$password)){
    // echo("{'valid':'database'}");
    echo("NJIT Login Doesn't Work. Database Login Works");
}
else{
    // echo("{'valid':'none'}");
    echo("NJIT Login Doesn't Work. Database Login Doesn't Work");
}
closeDB($db);
}
main();
?>

```

File: web.njit.edu/~as2757/cs490/middle/alpha/alpha.php

```

<?php
/*
    Author: Akassh Shah
*/
function njitAuthenticate($ucid,$pass){
    $url="https://aevitepr2.njit.edu/myhousing/login.cfm";
    $data=array("ucid" => $ucid, "pass" => $pass);
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, $url);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($data));
    $response = curl_exec($ch);
    curl_close ($ch);
    // return($response);
}

```

```

    if (strpos($response,"Please login using your UCID and password to access the online room selection
system")==false){

        return True;

    }

    return False;

}

function backEndAuthenticate($json_data){

    $ch = curl_init();

    curl_setopt_array($ch, array(

        CURLOPT_RETURNTRANSFER => 1,

        CURLOPT_URL => "https://web.njit.edu/~as2757/cs490/back/alpha/back-alpha.php",

        CURLOPT_USERAGENT => "POST Request to back",

        CURLOPT_POST => 1,

        CURLOPT_POSTFIELDS => $json_data

    ));

    $response = curl_exec($ch);

    curl_close($ch);

    return($response);

}

function main(){

    $json_data = file_get_contents("php://input");

    $data = json_decode($json_data, true);

    $ucid = $data['user'];

    $pass = $data['pass'];

    if(njitAuthenticate($ucid,$pass)){

        // echo('{"valid":"NJIT"}');

        echo("NJIT Login Works. Database Login Doesn't Work");

    }

    else{

```

```
    echo(backEndAuthenticate($json_data));  
    // echo("{\"valid':'none'}");  
}  
}  
main();  
?>
```
