Server-side Scripting PHP

DETERMINING IF THE USER EXISTS OR NOT (BANNED/REPEATED)

Code:

```php
// find if users exists
$sqlExists = "SELECT * FROM Registration WHERE (UCase(lastName)='".strtoupper($lastName)."' AND UCase(firstName)='".strtoupper
($firstName)."') OR (UCase(email) ='".strtoupper($email)."')";

$exists = odbc_exec($conn,$sqlExists);
if(odbc_fetch_row($exists)){
    $exists = odbc_exec($conn,$sqlExists);
    while ($row = odbc_fetch_array($exists)) {
        if($row['banned'] == 1){
            echo "<h2 style=\"text-align: center; font-weight: bold;\">Sorry, you are a banned user, $firstName $lastName!</
            h2>";
        }else{ // tell user of registration status from name, and provide details from validation form
            echo "<h2 style=\"text-align: center; margin-top:1em; font-weight: bold;\">You are already registered, $firstName
            $lastName!</h2>";
            echo "<h2 style=\"text-align: center; margin:1em auto; font-weight: bold;\">Registered details:</h2>";
            echo "<p>Name: &nbsp&nbsp&nbsp <span>$firstName $lastName</span></p>";
            echo "<p>Email: &nbsp&nbsp&nbsp <span>$email</span></p>";
            echo "<p>Date of Birth: &nbsp&nbsp&nbsp <span> xx/xx/$dobyear</span></p>";
            echo "<p>Gender: &nbsp&nbsp&nbsp <span>$gender</span></p>";
            echo "<p style=\" margin-bottom:10px;\">Registration date:  &nbsp&nbsp&nbsp <span>$today</span></p>";
            echo "<p style=\" margin-bottom:2em;\"> If you are unsure of your registered details, change current account details
            or wish to make a new account, please email us at enquiries@hackerhealth.com - Thank you!</p>";
        }
    break;
    }
}
```

Functionality:

-   If user is banned, output:

Sorry, you are a banned user, Clayton Feng!

Registered users:
Kevin Rudd	kevin.rudd@gmail.com
John Howard	john.howard@gmail.com
Julia Gillard	julia.gillard@gmail.com
clay feng	clay.feng@gmail.com
Test Test	test@gmail.com
Testing Test	Test2@gmail.com

   o   Shows current user filling out the form is banned
   o   Shows all current registered users.
   o   Banned must be checked off manually in the project.mdb database
   o   To check banned user, enter:
      ▪   First name: Clayton
      ▪   Last name: Feng
      ▪   Date of Birth: 08/02/2000
      ▪   Email: clayton.feng123@gmail.com

- ▪ Password: Duckytree12!
- If user is already registered, output:

You are already registered, Clay Feng!

Registered details:

Name: Clay Feng

Email: clay.feng@gmail.com

Date of Birth: xx/xx/2010

Gender: Male

Registration date: 05/11/2021

If you are unsure of your registered details, change current account details or wish to make a new account,
please email us at enquiries@hackerhealth.com - Thank you!

Registered users:
Kevin Rudd   -   kevin.rudd@gmail.com
John Howard   -   john.howard@gmail.com
Julia Gillard   -   julia.gillard@gmail.com
clay feng   -   clay.feng@gmail.com
Test Test   -   test@gmail.com
Testing Test   -   Test2@gmail.com

- o Informs user that they have already been registered
  - ▪ Shows all the data that they inserted.
  - ▪ Date of Birth, has been private with 'x' in days and month for privacy
  - ▪ All input fields have been included, except for password to ensure privacy is met
- o Duplicate registration is dependent on their email used, being a primary key
- o Just in case, they are unsure of their previous account, or wish to make changes to their account, a message has popped up, prompting the user.
  - ▪ Could not code, in on the email section, for them to click in and create an email automatically – though it would have been desired to!
- o Shows all current users, as well

IF USER DOES NOT EXIST, ADD TO DATABASE

Code:

```php
}else{
    // place name and email into mySQL database - sync
    $sqlAddNewUser = "INSERT INTO Registration (firstName, lastName, email) VALUES ('$firstName','$lastName','$email')";
    $confirmregister = "<p>Your details have been registered on our databases. If your mistyped or want to change details,
    please email us at enquiries@hackerhealth.com</p>";
    $added = odbc_exec($conn,$sqlAddNewUser);
    if($added){echo $confirmregister;}else{
        print("Execution failed:\n");
        print("   State: ".odbc_error($conn)."\n");
        print("   Error: ".odbc_errormsg($conn)."\n");
        // echo odbc_error($added);
        // echo $added;
        // echo "NOTHING HERE?";
        // echo $sqlAddNewUser;
    }
    // show information that were inputted via form
    echo "<h2 style=\"text-align: center; margin:1em auto; margin-top:2em; font-weight: bold;\">Your registration is confirmed,
    $firstName!</h2>";
    echo "<h2 style=\"text-align: center; font-weight: bold;\">Details:</h2>";
    echo "<p>Name: &nbsp&nbsp&nbsp <span>$firstName $lastName</span></p>";
    echo "<p>Email: &nbsp&nbsp&nbsp <span>$email</span></p>";
    echo "<p>Date of Birth: &nbsp&nbsp&nbsp <span> xx/xx/$dobyear</span></p>";
    echo "<p>Gender: &nbsp&nbsp&nbsp <span>$gender</span></p>";
    echo "<p style=\" margin-bottom:4em;\">Registration date:  &nbsp&nbsp&nbsp <span>$today</span></p>";
}
```

Functionality:

- If user does not exist on database or is not banned, add the user filled in data to the MySQL database. Output:

Your details have been registered on our databases. If your mistyped or want to change details, please email us at enquiries@hackerhealth.com

Your registration is confirmed, Final !

Details:

Name: Final Test

Email: Final.Test@gmail.com

Date of Birth: xx/xx/2020

Gender: I prefer not to say

Registration date: 05/11/2021

Registered users:
Kevin Rudd   -   kevin.rudd@gmail.com
John Howard   -   john.howard@gmail.com
Julia Gillard   -   julia.gillard@gmail.com
clay feng   -   clay.feng@gmail.com
Test Test   -   test@gmail.com
Testing Test   -   Test2@gmail.com
Final Test   -   Final.Test@gmail.com

       o   Had problems to insert all input fields data, so only was able to put in the three parameters of: first name, last name and email
- Confirm registration message has been shown on the top, prior to registration is confirmed,for a top to bottom read approach
    - o   Registration confirmed message included in bold and colour for contrast
    - o   Details of filled out data is confirmed in the following spacings
    - o   Registered users are shown
        - ▪ Inclusion of recently filled out form has also been included, to confirm to user that they have been registered as well.

SHOWING ALL USERS THAT ARE NOT BANNED

Code:

```php
// show list of unbanned users
$sqlQueryRegistrants = "SELECT * FROM Registration WHERE banned=0;";
$registrants = odbc_exec($conn,$sqlQueryRegistrants);
echo '<h2 style="text-align: center; margin:auto auto; font-weight: bold;">Registered users:</h2>';
while ($row = odbc_fetch_array($registrants)) {
    print($row['firstName']." ".$row['lastName']. str_repeat(' ', 5) . '-'. str_repeat(' ', 5).$row['email']."\n");
    echo "<br>";
}
```

Functionality:

- Shows at the bottom of each form submission all the registered users with the name and email.