Testing the Registration Process

```php
<?php
$con = mysqli_connect("localhost","root","") or die("not connected");
mysqli_select_db($con, "property_site") or die("no db found");

if(isset($_POST['submit'])){
    $fname = $_POST['fname'];
    $lname = $_POST['lname'];
    $email = $_POST['email'];
    $phoneNum = $_POST['phoneNum'];
    $pwd = $_POST['pwd'];
    $priv = $_POST['priv'];

    $query = "INSERT INTO user_prof (fname,lname,email,phoneNum,pwd,priv) VALUES ('
        $fname','$lname','$email','$phoneNum','$pwd','$priv')";
    if(mysqli_query($con,$query)){
        echo "data submitted";
    }
    else {
        echo "data gone AWOL!!";
    }
}
?>
```
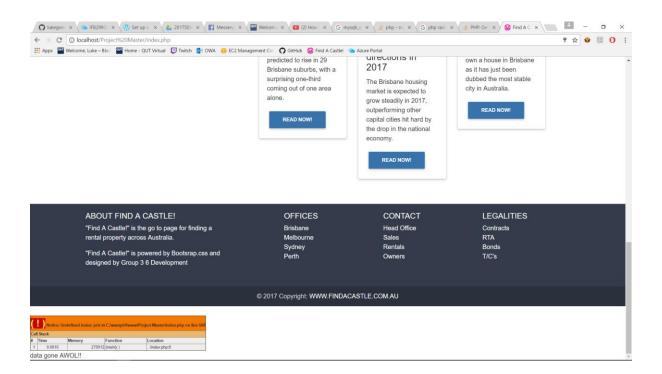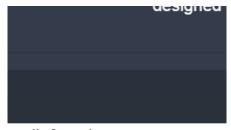
Above is the source for connecting the registration form to the database "property_site" and table "user_prof".

Lines 02 and 03 are responsible for establishing the database connection, and will throw an error if the form fails to connect to MySQL or locate the database "property_site".

Lines 14 – 19 are a troubleshooting/debugging tool to help identify the status of the information submitted. If the values from the form are successfully entered into the table, "data submitted" will be displayed, otherwise "data gone AWOL!!" will be seen.
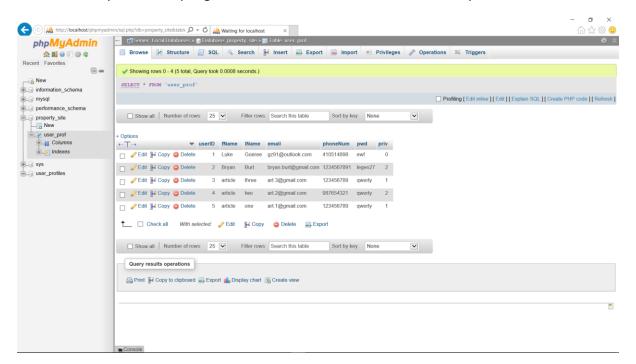
Above is an example of a failed data entry into the "user_prof" table. In this particular instance, the registration form "CustomerType" has a selection of 2 radio buttons. During this test, no default selection was made, and therefore, the form was attempting to insert a NULL data type into the table. This was rectified by forcing the first selection as always selected, until otherwise changed.
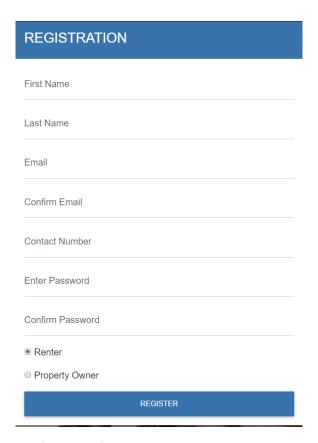

no db found

This is an example of attempting the run the website without and database present.

This is the resultant table of attempting to register from every possible page. All data was successfully recorded.

REGISTRATION

First Name

Last Name

Email

Confirm Email

Contact Number

Enter Password

Confirm Password

◉ Renter

◯ Property Owner

REGISTER

Further testing has shown the following flaws:

1. Email field doesn't have any formatting regulations; email addresses can be submitted without '@' symbol present
2. Form will successfully submit regardless of email confirmation matching email field
3. Contact Number can contain letters
4. Password field has no complexity tests
5. Password confirmation field doesn't need to match password field
6. If fields are empty, form crashes rather than producing error message