

## Testing the Registration Process

```
database_registration_connect.php
1 <?php
2 $con = mysqli_connect("localhost","root","") or die("not connected");
3 mysqli_select_db($con, "property_site") or die("no db found");
4
5 if(isset($_POST['submit'])){
6     $fname = $_POST['fname'];
7     $lname = $_POST['lname'];
8     $email = $_POST['email'];
9     $phoneNum = $_POST['phoneNum'];
10    $pwd = $_POST['pwd'];
11    $priv = $_POST['priv'];
12
13    $query = "INSERT INTO user_prof (fname,lname,email,phoneNum,pwd,priv) VALUES ('
14            $fname','$lname','$email','$phoneNum','$pwd','$priv')";
15    if(mysqli_query($con,$query)){
16        echo "data submitted";
17    }
18    else {
19        echo "data gone AWOL!!";
20    }
21 }
22 ?>
```

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.

The screenshot shows a web browser window with the URL `localhost/Project%20Master/index.php`. The page content includes three article cards:

- predicted to rise in 29 Brisbane suburbs, with a surprising one-third coming out of one area alone.** (READ NOW!)
- DIRECTIONS IN 2017**  
The Brisbane housing market is expected to grow steadily in 2017, outperforming other capital cities hit hard by the drop in the national economy. (READ NOW!)
- own a house in Brisbane as it has just been dubbed the most stable city in Australia.** (READ NOW!)

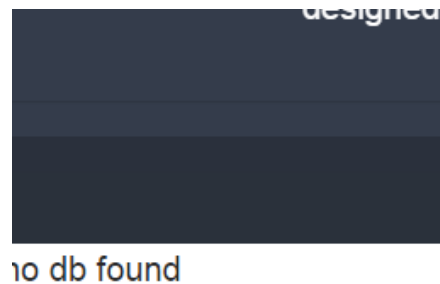
The footer contains the following sections:

- ABOUT FIND A CASTLE!**  
"Find A Castle!" is the go to page for finding a rental property across Australia.  
"Find A Castle!" is powered by Bootstrap.css and designed by Group 3 6 Development
- OFFICES**  
Brisbane  
Melbourne  
Sydney  
Perth
- CONTACT**  
Head Office  
Sales  
Rentals  
Owners
- LEGALITIES**  
Contracts  
RTA  
Bonds  
T/C's

At the bottom, a copyright notice reads: © 2017 Copyright: WWW.FINDACASTLE.COM.AU

A console message at the bottom of the browser window reads: `data gone AWOL!!`

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.



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

Showing rows 0 - 4 (5 total, Query took 0.0008 seconds.)

SELECT \* FROM 'user\_prof'

Options

	userID	fName	lName	email	phoneNum	pwd	priv
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Luke	Goeree	gz91@outlook.com	410514898	ewf	0
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	Bryan	Burt	bryan.burt@gmail.com	1234567891	legen27	2
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	article	three	art.3@gmail.com	123456789	qwerty	1
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	article	two	art.2@gmail.com	987654321	qwerty	2
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	article	one	art.1@gmail.com	123456789	qwerty	1

Query results operations

Print Copy to clipboard Export Display chart Create view

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