

Forum: [Hack Forums](#)

Thread: [Licensing System](#)

Sevn™ - December 24, 2015, 8:15 pm

I'm slowly starting to understand and learn PHP/SQL so i wrote up this licensing system.

Basically what this does is uses an api to check if the key is valid or not.

Features:

Login with license key.

View content for people that are logged in only.

Logout.

API System

Check if key is valid

Images:

Spoiler ([Click to View](#))

Installation:

Upload the SQL file to PHPMysqlAdmin.

Make sure to edit the db.php file in /inc with your database details.

Download:

<https://www.dropbox.com/s/8no6du6gf23mw6q/license.rar?dl=0>

?

Sakuto - December 25, 2015, 9:17 am

Use github for this kind of share, way better than an archive (:

Øbscured - December 25, 2015, 11:01 am

(Dec 24, 2015 09:15 PM)Sevn™ Wrote: [\[CITE\]](#) [FONT=Century Gothic]I'm slowly starting to understand and learn PHP/SQL so i wrote up this licensing system.

getting ready to venture down the same path.

ill check this out, thanks.

+1 to the github thing.

alma143 - December 25, 2015, 11:16 am

Error

SQL query:

```
/*!40101 SET NAMES utf8mb4 */;
```

MySQL said: Documentation

#1115 - Unknown character set: 'utf8mb4'

Grammar Rays - December 25, 2015, 11:38 am

(Dec 25, 2015 12:16 PM)alma143 Wrote: [\[CITE\]](#) Error
SQL query:

```
/*!40101 SET NAMES utf8mb4 */;
```

MySQL said: Documentation

#1115 - Unknown character set: 'utf8mb4'

You need to update your MySQL version. You on shared hosting or a VPS? Are you able to access the host server?

EDIT: You may be able to change it to utf8 but maybe ask author first as depends how this was developed.

alma143 - December 25, 2015, 11:51 am

ok ill try and post result again here..thanks bro

mothh - December 26, 2015, 5:15 am

What kind of MySQL extension did you use? PDO or MySQLi?

Sevn™ - December 26, 2015, 7:09 am

(Dec 26, 2015 06:15 AM)mothh Wrote: [\[CITE\]](#) What kind of MySQL extension did you use? PDO or MySQLi?
PDO :)

mothh - December 26, 2015, 7:12 am

I am going to take a look at it and I will let you know what I think of your code.

I see that you do your if statements and stuff like that like this:

PHP Code

```
<?php
if()
{
    //Code here
}
```

In my personal opinion it looks nicer and more clean if you do it like this:

PHP Code

```
<?php
if(){
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That way you don't have one line for only one character and you keep your amount of lines needed

smaller.

Then to the things that you can improve code wise.

I see you do your database queries like this:

PHP Code

```
<?php
$SQLGetInfo -> execute(array(':key' => $_GET['key']));
$keyinfo = $SQLGetInfo -> fetch(PDO::FETCH_ASSOC);
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You don't need to put spaces between the ->, so instead I would make them like this:

PHP Code

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<?php
$SQLGetInfo->execute(array(':key' => $_GET['key']));
$keyinfo = $SQLGetInfo->fetch(PDO::FETCH_ASSOC);
```

A small note, in the newer PHP version you don't need to do array() anymore, you can just do [] to make an array.

A critical error I see is that you don't start your session at the beginning of the document, you NEED to do this, what I suggest is that you put session_start(); on the second line of your config file, just after you opened php.

You also did not include header.php in the download.

On line 79 of index.php I see this:

PHP Code

```
<?php
if($password == ""){
    echo "Please enter a key.";
}
```

You should change that to the following because there is a function for it:

PHP Code

```
<?php
if(empty($password)){
    echo "Please enter a key.";
}
```

I also see that you make a session of the password:

PHP Code

```
<?php
isset($_SESSION['password'])
```

That is just plain bad and I hope you understand why.

Other than that for one of your first scripts it doesn't look all to bad.

If you have any questions, feel free to ask me.

Kedox - December 26, 2015, 7:23 am

(Dec 26, 2015 08:12 AM)mothh Wrote: [CITE](#) I am going to take a look at it and I will let you know what I think of your code.

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I used to think that, but I think it looks more professional the first way round. Probably because since I started learning some c#. Another reason I guess, is because it gives space between the statement and the code.

e.g

PHP Code

```
<?php
if(true == true && false == false && 10 + 4 > 43 && isset($_GET["pizza"])){
    $toppings = get_toppings($_GET["pizza"]);
    echo $toppings;
}
```

PHP Code

```
<?php
if(true == true && false == false && 10 + 4 > 43 && isset($_GET["pizza"]))
{
    $toppings = get_toppings($_GET["pizza"]);
    echo $toppings;
}
```

I guess it's your personal preference, but my opinion it looks a lot neater. You can't really judge code on the way they structure their statements.

Sakuto - December 26, 2015, 9:32 am

No, in PHP it's convention, take a look here: <http://www.php-fig.org/psr/psr-2/>

PloxSource - December 26, 2015, 3:58 pm

(Dec 26, 2015 08:23 AM)theklaus101 Wrote: [\[CITE\]](#) I used to think that, but I think it looks more professional the first way round. Probably because since I started learning some c#. Another reason I guess, is because it gives space between the statement and the code.

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I agree, I think having whitespace makes your code neater and readable.

mothh - December 26, 2015, 4:21 pm

(Dec 26, 2015 04:58 PM)PloxSource Wrote: [\[CITE\]](#) I agree, I think having whitespace makes your code neater and readable.

Between \$bla = 'bla' I agree, but with \$bla->bla() I don't agree.

PloxSource - December 26, 2015, 5:12 pm

(Dec 26, 2015 05:21 PM)mothh Wrote: [\[CITE\]](#) Between \$bla = 'bla' I agree, but with \$bla->bla() I don't agree.

I guess I didn't explain myself properly :)

Yes I agree with you,

```
$user->user()
```

is better than

```
$user -> user()
```

mothh - December 26, 2015, 5:55 pm

(Dec 26, 2015 06:12 PM)PloxSource Wrote: [\[CITE\]](#) I guess I didn't explain myself properly :)

Yes I agree with you,

```
$user->user()
```

is better than

```
$user -> user()
```

What did you mean then?

juansanchez1993 - December 27, 2015, 1:27 pm

Thanks friend for the code, I'll try to implement and learn a little more.

MineSQL - December 27, 2015, 2:56 pm

(Dec 26, 2015 08:12 AM)mothh Wrote: [\[CITE\]](#) I am going to take a look at it and I will let you know what I think of your code.

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It's actually PSR standard to use the first version of spacing, and it is preferred by many developers if they are doing anything by standards.

I suppose I'm wrong. Classes and methods use that structure, but any conditional statements use the latter.

Quote:Then to the things that you can improve code wise.

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PHP Code

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PHP Code

```
<?php
$SQLGetInfo->execute(array(':key' => $_GET['key']));
$keyinfo = $SQLGetInfo->fetch(PDO::FETCH_ASSOC);
```

I'm not aware of any standards for the -> operator, but spacing it does make the code more readable in my opinion.

Quote:A small note, in the newer PHP version you don't need to do array() anymore, you can just do [] to make an array.

The square brackets '[]' are not backwards compatible to my knowledge, and some distributions still release a php version which do not have this feature incorporated yet so it is good practice to use the more compatible construct if you are releasing something to the public (and he is).

Sakuto - December 27, 2015, 4:02 pm

PSR Convetion recommande to use the second version MineSQL ! (No news from AppleJews ? :()

Kedox - December 27, 2015, 4:05 pm

(Dec 27, 2015 03:56 PM)MineSQL Wrote: [\[CITE\]](#) It's actually PSR standard to use the first version of spacing, and it is preferred by many developers if they are doing anything by standards.

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Since you know so much about standards, what would you say about his variables for the database: \$SQLGetInfo??

I normally have mine

PHP Code

```
<?php
$(method)_sql = $select_sql
or
$(method)Sql = $selectSql
```

But since I need to follow standards, I'd like your opinion.

stackoverflowin - December 27, 2015, 4:47 pm

(Dec 27, 2015 05:05 PM)theklaus101 Wrote: [\[CITE\]](#) Since you know so much about standards, what would you say about his variables for the database: \$SQLGetInfo??

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or
\$(method)Sql = \$selectSql

But since I need to follow standards, I'd like your opinion.
camelCase

<http://www.php-fig.org/psr/psr-1/>

Kedox - December 27, 2015, 5:07 pm

(Dec 27, 2015 05:47 PM)StackOverlowin Wrote: [\[CITE\]](#) camelCase

<http://www.php-fig.org/psr/psr-1/>

I mean what is standard to name them. \$selectSql or \$SQLSelect etc, or is that up to me?

stackoverflowin - December 27, 2015, 5:20 pm

(Dec 27, 2015 06:07 PM)theklaus101 Wrote: [\[CITE\]](#) I mean what is standard to name them.
\$selectSql or \$SQLSelect etc, or is that up to me?

Use something like

PHP Code
<?php
\$statement = ...
\$selectSQL = ...

Don't use '_' only use them for naming constants.