

PHP Web Forum

Forum/Message board

Developed by Matthew Stinis

Background

Inspiration:

Music-based web forums, Reddit

Goals:

Users/guests can view boards, threads, posts

Users can create new threads and reply to posts, but not guests

Users/guests can search posts for specific content

Solution Overview

Main view

LoginRegisterAll boards

Search

Boards

MusicTalk

GearTech

Events

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Solution Overview

Threadview and postview

Musictalk Threads

New Thread

Hello!

Empty body

I like noise music

Hello Chen

PHP SUCKS

TestChris

Welcome, lalala

Logout

All boards

I like noise music

mstinis posted on 0000-00-00 00:00:00

In other words: It is screeching, pounding dissonance. It is not music.

jerry posted on 2017-05-27 18:55:29

Yes it is

Enter reply here...

Reply

Solution Overview

Login and register

Username

Password

Login

Login

Register

All boards

Username

Password

Retype password

Please read:

The earth is flat

☐ I agree

Register

Solution Overview

Post search

I saw Sunn O)))

lalala posted on 0000-00-00 00:00:00

Got tinnitus as a result :D

tinnitus

Search

Results

Posted on 0000-00-00 00:00:00

Got tinnitus as a result :D

Challenges and solutions

Search function

Creating and replying to a thread

How to properly insert and request information from DB

Displaying correct date and time corresponding to post

Bulma CSS Framework

PHP, Twig, Slim, MeekroDB, MonoLog

Challenges and solutions

```
$app->get('/search',  
  function() use ($app) {  
    $keywords = $app-  
      >request()-  
      >get('keywords');  
    $searchResults =  
      DB::query("SELECT * FROM  
posts WHERE body LIKE  
%ss0", $keywords);  
    $app-  
      >render('search_results.h  
tml.twig',  
      array("searchResults" =>  
        $searchResults));  
  });
```

Query the post bodies and return,
the posts belonging to them

Challenges and solutions

```
$date = date('Y-m-d H:i:s');  
DB::insert('threads', array(  
    'boardId' => $boardId,  
    'title' => $title,  
    'date' => $date  
));  
$threadId = DB::insertId();  
DB::insert('posts', array(  
    'threadId' =>  
$threadId,  
    'userId' => $userId,  
    'body' => $body,  
    'date' => $date  
));
```

Obtain information
from form, pass into variable,
then insert into DB by pointing fields
into variables

What I learned

How to use PHP, Slim, Twig, MeekroDB from the ground up

Future Work

User profile with avatar

“Return to parent thread” button when viewing thread

Facebook login

Admin control, for things like creating new boards and banning trolls

Thread and post bookmarks

Post editing for logged in users

Summary

I learned everything I sought out to learn, as well as a little more.

Happy with the end result, and will continue to build off this project.