PHP Web Forum

Forum/Message board

Developed by Matthew Stinis

Background

Inspiration:

Music-based web forums, Reddit

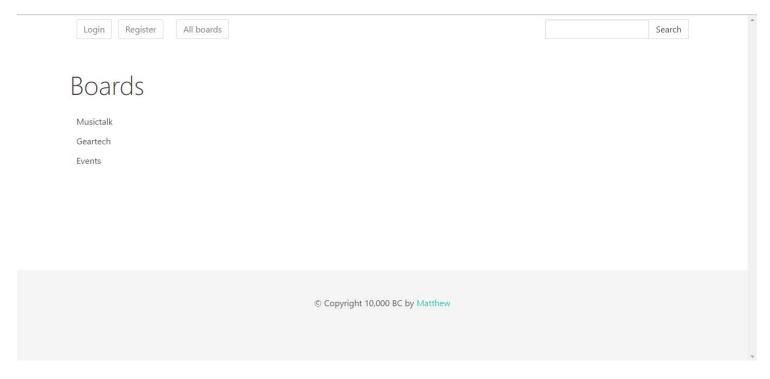
Goals:

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

Main view



Threadview and postview

Musictalk Threads

New Thread

Hello!

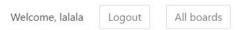
Empty body

I like noise music

Hello Chen

PHP SUCKS

TestChris



I like noise music

mstinis post	ed on 0000-00-00 00:00:00
In other wo	ords: It is screeching, pounding dissonance. It is not music.
erry posted	on 2017-05-27 18:55:29
Yes it is	
Enter reply h	nere
Reply	

Login and register

Username		
Password		
Login		

Login	Register	All boards	
Username			
Password			
Retype pass	sword		
Please	read:		
The earth is	flat		
Register			

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.