

Akademija tehničko-umetničkih strukovnih studija Beograd

Odsek Visoka škola za informacione i komunikacione tehnologije



Dokumentacija sajta <http://terra.42web.io/>

Projekat: <https://github.com/npivalica/terra>

Predmet: Web programiranje PHP2

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Smer: Internet tehnologije

Modul: Web programiranje

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## Uvod

Tema sajta „terra“ je blog o prirodi, temama vezanim za prirodu, povezivanje sa prirodom i meditacijom.

## Korišćeni programski jezici

Programski jezici koji su korišćeni pri izradi projekta su HTML, CSS, BOOTSTRAP, MySQL/PHPMyAdmin, Laravel. Projekat je izrađen u okruženju PhpStorm.

## Opis funkcionalnosti

Novi korisnici mogu videti početnu stranu, gde su izdvojeni postovi 'Editor's pick' koje samo admin može da izabere da se tu pojave. Mogu videti 'posts' stranu ali ne mogu ući na pojedinačni post bez logovanja, takođe ne mogu dodavati svoje postove. Mogu videti i 'contact', 'login', 'author' strane. Kada se novi korisnik registruje pa uloguje, onda može dodavati i editovati svoje postove sa izborom kategorije i upload-om slike. Admin korisnik ima pristup admin dashboard-u, gde može manipulirati entitetima (CRUD), ima pregled aktivnih korisnika, registrovanih korisnika, sortiranje postova i korisnika po datumu kreiranja kao i odabir koji post će biti izbor editora da se prikaže na početnoj stranici.

## Template

navigation

content

footer

Template za admin dashboard je isti, sa tim da su navigacija i footer u zelenoj boji kako bi označili da se admin nalazi na posebnom delu sajta.

## Layouts

### default.blade.php

```
<!DOCTYPE html>
<html lang="en">

    @include('fixed.head')

<body>

    <!-- Navigation -->
    @include('fixed.navigation')

    @include('partials.success-message')
    @include('partials.error-message')
    <!-- Page Content -->
    <div class="container min-vh-100">
        @yield('content')
    </div>

    <!-- Footer -->
    @include('fixed.footer')

    <!-- Bootstrap core JavaScript -->
    @include('fixed.scripts')

</body>
</html>
```

### admin.blade.php

```
<!DOCTYPE html>
<html lang="en">

    @include('fixed.head')

<body>

    <!-- Navigation -->
    @include('fixed.admin_navigation')

    <div class="container">
        <div class="row">
            <div class="col-lg-2">
                @include('fixed.sidenav')
            </div>
            <!-- Page Content -->
            <div class="col-lg-10">
                <div class="min-vh-100">
```

```

        <h1>@yield('page')</h1>

        @include('partials.success-message')
        @include('partials.error-message')
        @yield('content')
    </div>
</div>
</div>
</div>

<!-- Footer -->
@include('fixed.admin_footer')

<!-- Bootstrap core JavaScript -->
@include('fixed.scripts')

</body>

</html>

```

## posts.blade.php

```

<!DOCTYPE html>
<html lang="en">

    @include('fixed.head')

<body>

    <!-- Navigation -->
    @include('fixed.navigation')

    @include('partials.success-message')
    @include('partials.error-message')
    <!-- Page Content -->
    <div class="container min-vh-100">
        <div class="row">
            <div class="col-lg-8 col-md-12 order-lg-1 order-md-2">
                @yield('posts')
            </div>
            <div class="col-lg-4 col-md-12 order-lg-2 order-md-1 my-3">
                @yield('search')
                @yield('categories')
            </div>
        </div>
    </div>

    <!-- Footer -->
    @include('fixed.footer')

    <!-- Bootstrap core JavaScript -->
    @include('fixed.scripts')

```

```
</body>

</html>
```

## Fixed

### admin\_footer.blade.php

```
<footer class="py-3 bg-success">
    <div class="container">
        <div class="row">
            <div class="col d-flex align-items-center justify-content-center flex-column">
                <a href="{{ asset('assets/dokumentacija.pdf') }}" class="far fa-file-pdf doc mb-2" target="_blank"></a>
                <p class="m-0 text-white">Copyright &copy; terra 2022</p>
            </div>
        </div>
    </div>
</footer>
```

### admin\_navigation.blade.php

```
<nav class="navbar navbar-expand-lg navbar-dark bg-success fixed-top">
    <div class="container">
        <a class="navbar-brand" href="{{ route('home.index') }}"><h1 class="h3">terra</h1></a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarResponsive">
            <ul class="navbar-nav ml-auto">
                @foreach($menu as $link)
                    @if (session()->has('admin'))
                        @if ($link->name === 'Login')
                            @continue
                        @endif
                    @elseif (session()->has('user'))
                        @if ($link->name == 'Login' || $link->name == 'Admin')
                            @continue
                        @endif
                    @elseif ($link->name == 'Admin' || $link->name == 'Logout')
                        @continue
                    @endif
                    <li class="nav-item @if(request()->routeIs($link->route)) active @endif">
                        <a class="nav-link" href="{{ route($link->route) }}">{{ $link->name }}</a>
                    </li>
                @endforeach
            </ul>
        </div>
    </div>
</nav>
```

**footer.blade.php** i **navigation.blade.php** su isti kao i za admin samo su u dark boji.

### **head.blade.php**

```
<head>

    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no" />
    <meta name="description" content="@yield('description')" />
    <meta name="keywords" content="@yield('keywords')" />

    <title>terra - @yield('title')</title>

    <!-- Bootstrap core CSS -->
    <link href="{{ asset('assets/vendor/bootstrap/css/bootstrap.min.css') }}"
rel="stylesheet" />

    <!-- Custom styles for this template -->
    <link href="{{ asset('assets/css/style.css') }}" rel="stylesheet" />

    <link rel="stylesheet"
href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>

</head>
```

### **scripts.blade.php**

```
<script src="{{ asset('assets/vendor/jquery/jquery.min.js') }}"></script>
<script src="{{ asset('assets/vendor/bootstrap/js/bootstrap.bundle.min.js')
}}"></script>
<script src="{{ asset('assets/js/posts.js') }}"></script>
```

### **sidenav.blade.php**

```
<nav id="sidebarMenu" class="bg-light">
    <div class="sidebar-sticky">
        <ul class="nav flex-column">
            <li class="nav-item">
                <a class="nav-link" href="{{ route('admin.index') }}">
                    <span>Users</span>
                    <i class="fas fa-users"></i>
                </a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="{{ route('admin.posts') }}">
                    <span>Posts</span>
                    <i class="fas fa-sticky-note"></i>
                </a>
            </li>
            <li class="nav-item">
```

```

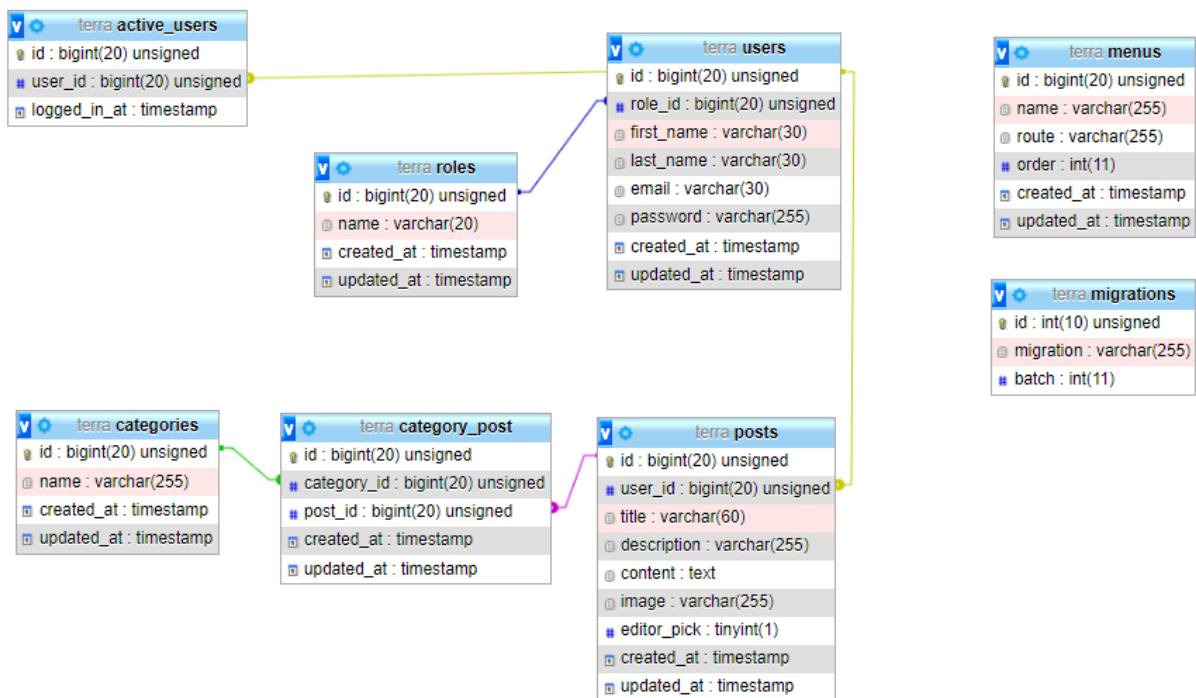
    <a class="nav-link" href="{{ route('admin.categories') }}">
      <span>Categories</span>
      <i class="fas fa-sitemap"></i>
    </a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="{{ route('admin.menus') }}">
      <span>Menus</span>
      <i class="fas fa-route"></i>
    </a>
  </li>
</ul>
</div>
</nav>

```

## Organizacija

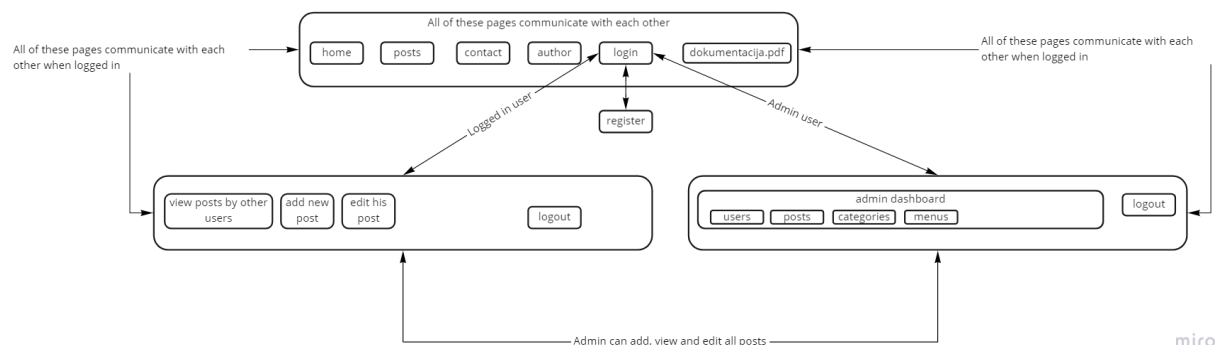
### Organizaciona šema

Organizaciona šema baze podataka:





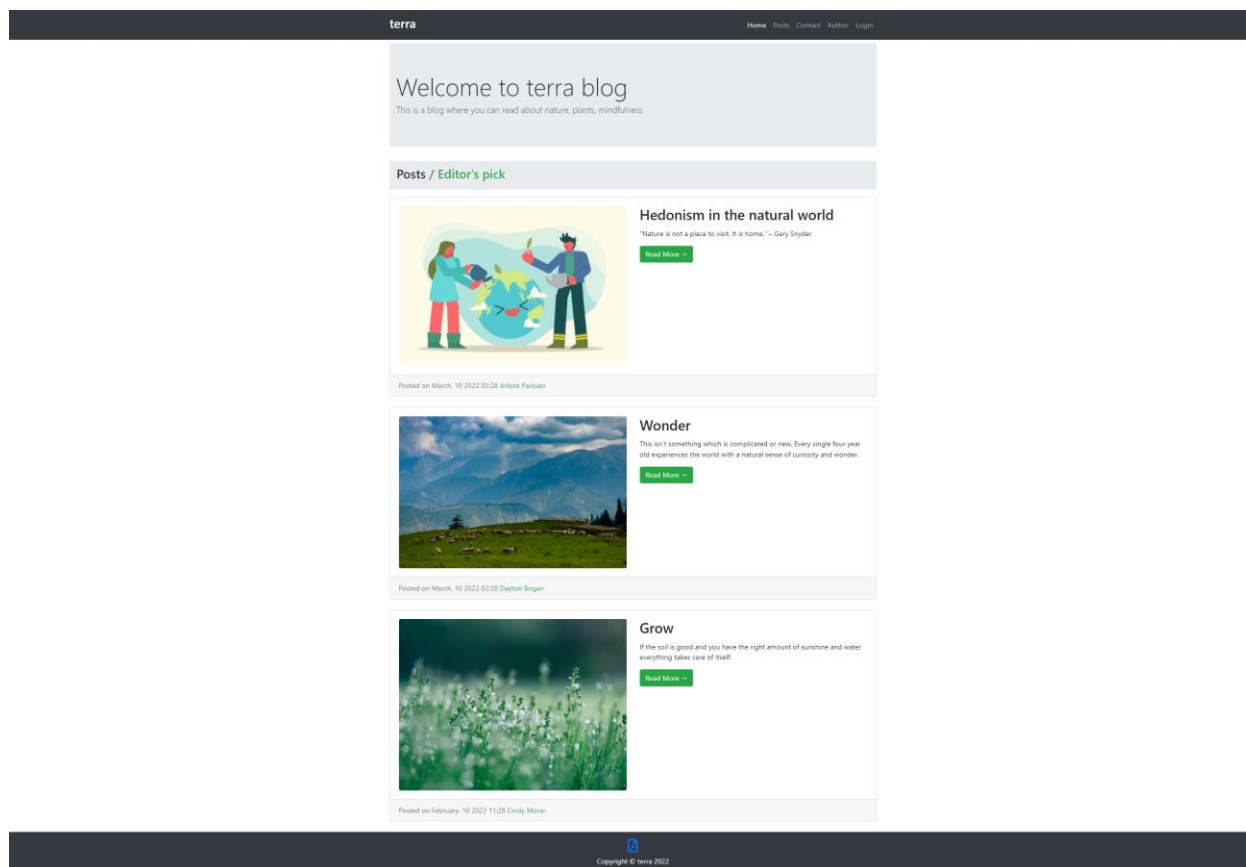
## Organizaciona šema sajta:



## Slike stranica i opisi funkcionalnosti

### Početna stranica

Na početnoj stranici se nalazi ispis postova koji su označeni kao Editor's pick. Na svakoj stranici se navigacija učitava automatski.



### Login

Ukoliko korisnik postoji, ovde se može ulogovati uz prikladnu validaciju. Ukoliko nije registrovan, klikom na dugme Register gde se može registrovati, i nakon toga ulogovati.

### Login

Please fill out the form to login

Email \*

Password \*

[Don't have an account? Register](#)



## Register

Validacija se vrši prilikom slanja podataka, ukoliko postoji greška ispisuje se korisniku. Pravilnim popunjavanjem forme, kreira se novi korisnik i može se ulogovati.

### Create An Account

Please fill out the form to register

First name \*

Last name \*

Email \*

Password \*

At least 6 characters


[Have an account? Login](#)



## Contact

Mail se šalje na [terrablog.office@gmail.com](mailto:terrablog.office@gmail.com) gde korisnik može, bilo da je ulogovan ili ne, poslati ocenu i poruku. Ocena nije obavezana, ali mail i poruka jesu. Ispisuje se informacija da je poruka uspešno poslata.

Mail from terra Inbox x



**terra user** <terrablog.office@gmail.com>  
to me ▾

**Sent from:** [nikolina.uzelac.sun@gmail.com](mailto:nikolina.uzelac.sun@gmail.com)

**User's rating:** 5

**User's content:**  
Great workk!

↩ Reply


➡ Forward

terra

[Home](#) [Posts](#) [Contact](#) [Author](#) [Login](#)

**Contact our admins here**  
Your email address  
  
How would you rate us?  
  
Send a message  

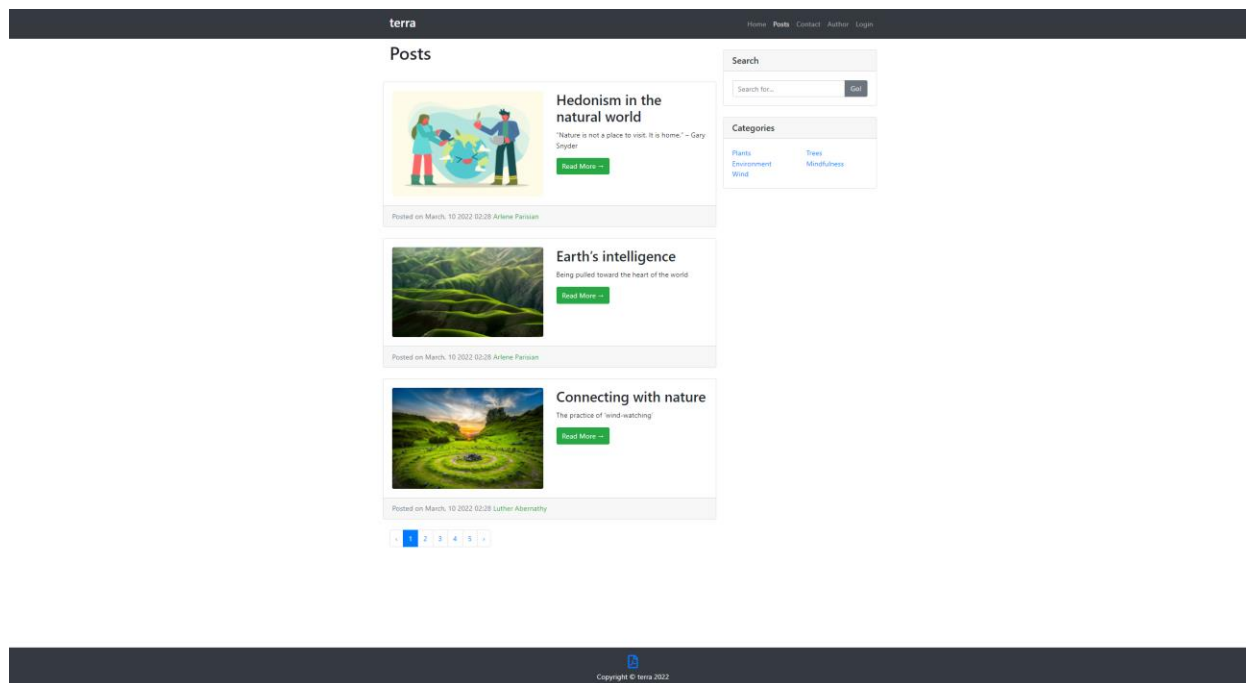
Submit



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## Postovi

Search i filter po kategorijama sa prikazom svih postova uz paginaciju. Samo admin i ulogovan korisnik mogu videti, promeniti ili dodati konkretan post.



You need to be logged in first.

## Login

Pleaser fill out the form to login

Email: \*

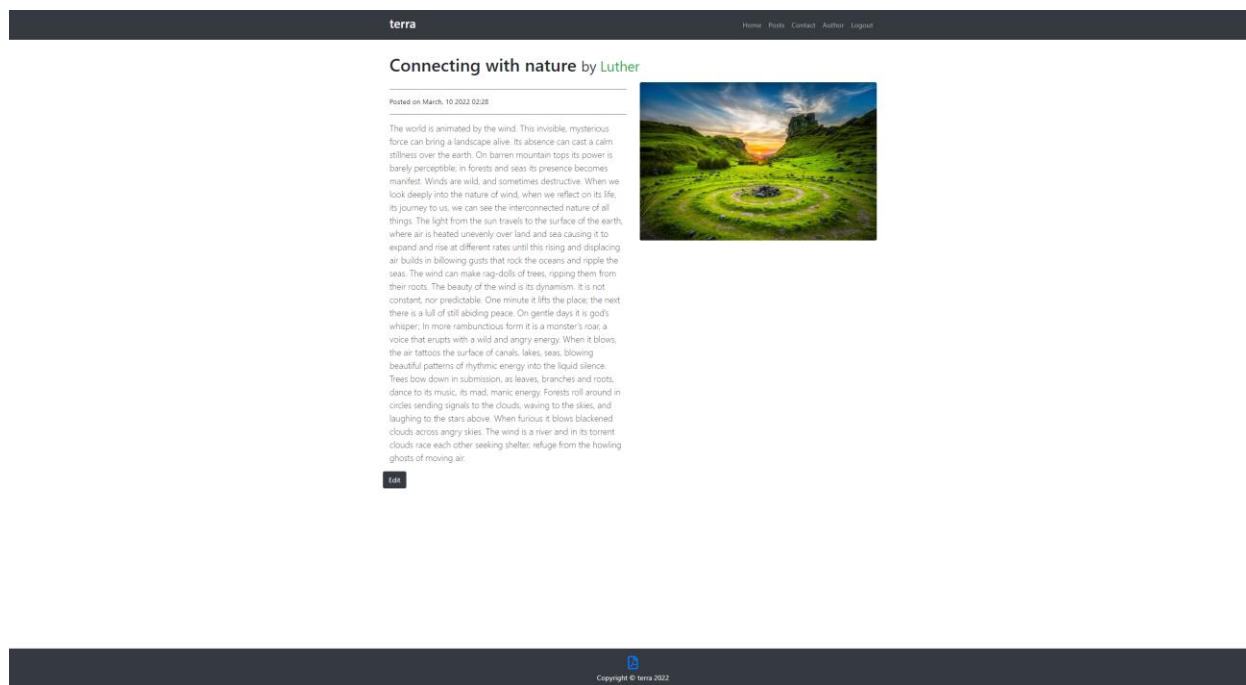
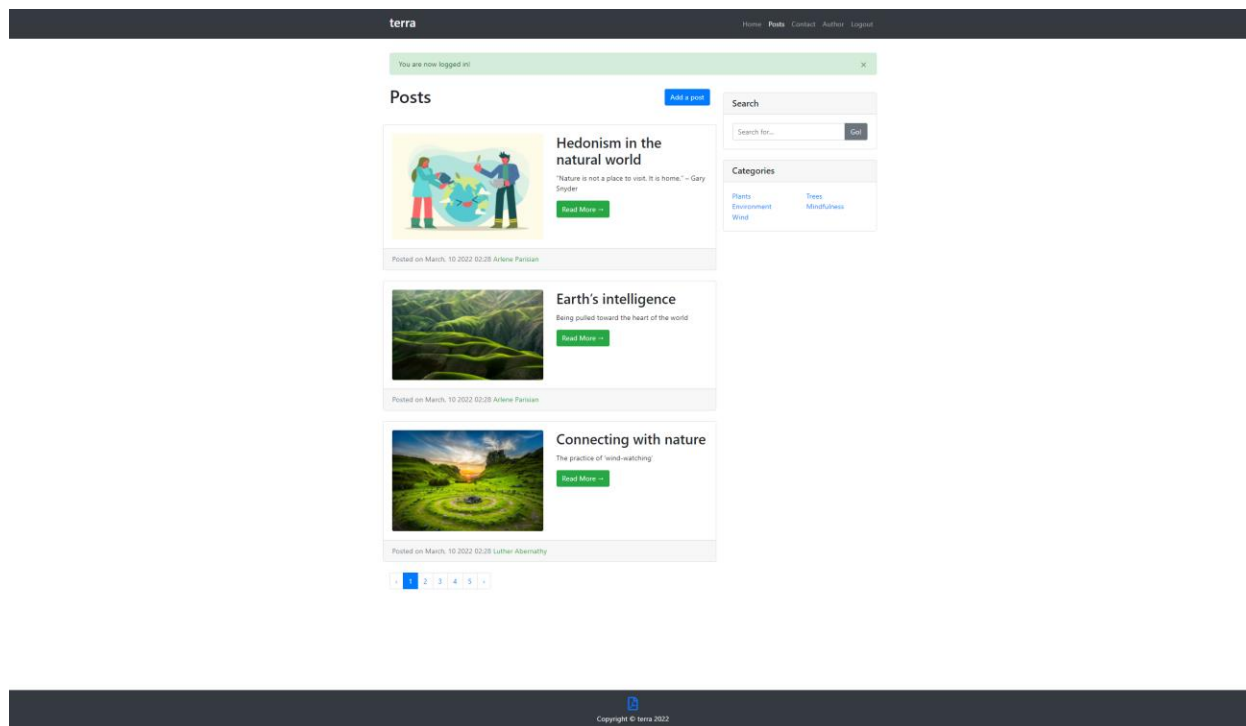
Password: \*

Login

Don't have an account?  
Register

## Postovi nakon logovanja

Nakon uspešnog logovanja, može se dodati novi post, pregledati svi postovi i editovati svoj postojeći post.



## Dodavanje novog posta

Ova forma takođe ima validaciju, korisnik može dodati i sliku, a i ne mora jer uvek postoji default slika. Može izabrati više kategorija kojima pripada njegov post.

Add a new post

Title

Max 60 characters

Description

Max 100 characters

Content

☐ Plants

☐ Trees

☐ Environment

☐ Mindfulness

☐ Wind

Choose image

Choose file

No file chosen

Submit

**Editovanje posta**

Ulogovani korisnici mogu editovati svoje postove, admin korisnici mogu da menjaju sve postove.

Edit a post

Title

Connecting with nature

Description

The practice of 'wind-watching'

Content

The world is animated by the wind. This invisible, mysterious force can bring a landscape alive. Its absence can cast a calm stillness over the earth. On barren mountain tops its power is barely perceptible: in forests and seas its presence becomes manifest.

Winds are wild, and sometimes destructive. When we look deeply into the nature of wind, when we reflect on its life, its journey to us, we can see the interconnected nature of all things. The light from the sun travels to the surface of the earth, where air is heated unevenly over land and sea causing it to expand and rise or different places with the rising and displacing air builds in following gusts that rock the oceans and ripple the seas. The wind can make rag-dolls of trees, ripping them from their roots.

The beauty of the wind is its dynamism. It is not constant, nor predictable. One minute it lifts the place, the next there is a lull of still abiding peace. On gentle days it is god's whisper. In more rambunctious form it is a monster's roar, a voice that erupts with a wild and angry energy.

☐ Plants

☐ Trees

☐ Environment

☐ Mindfulness

☐ Wind

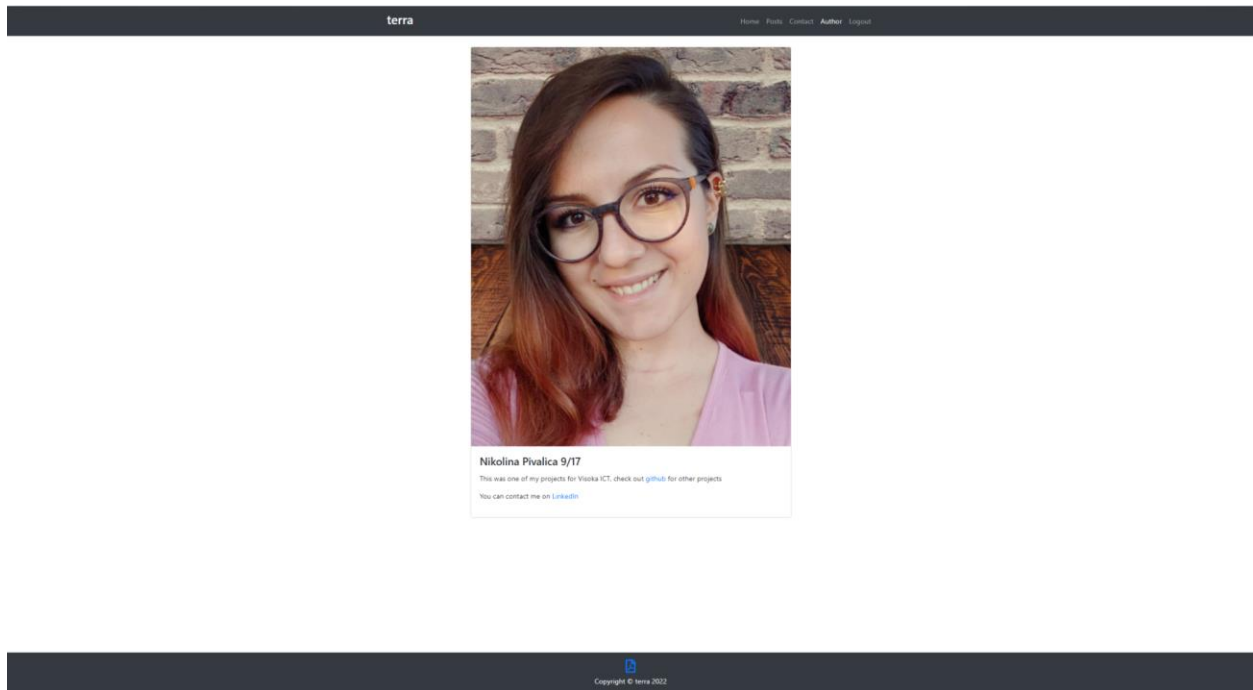
Choose image

Choose file

No file chosen

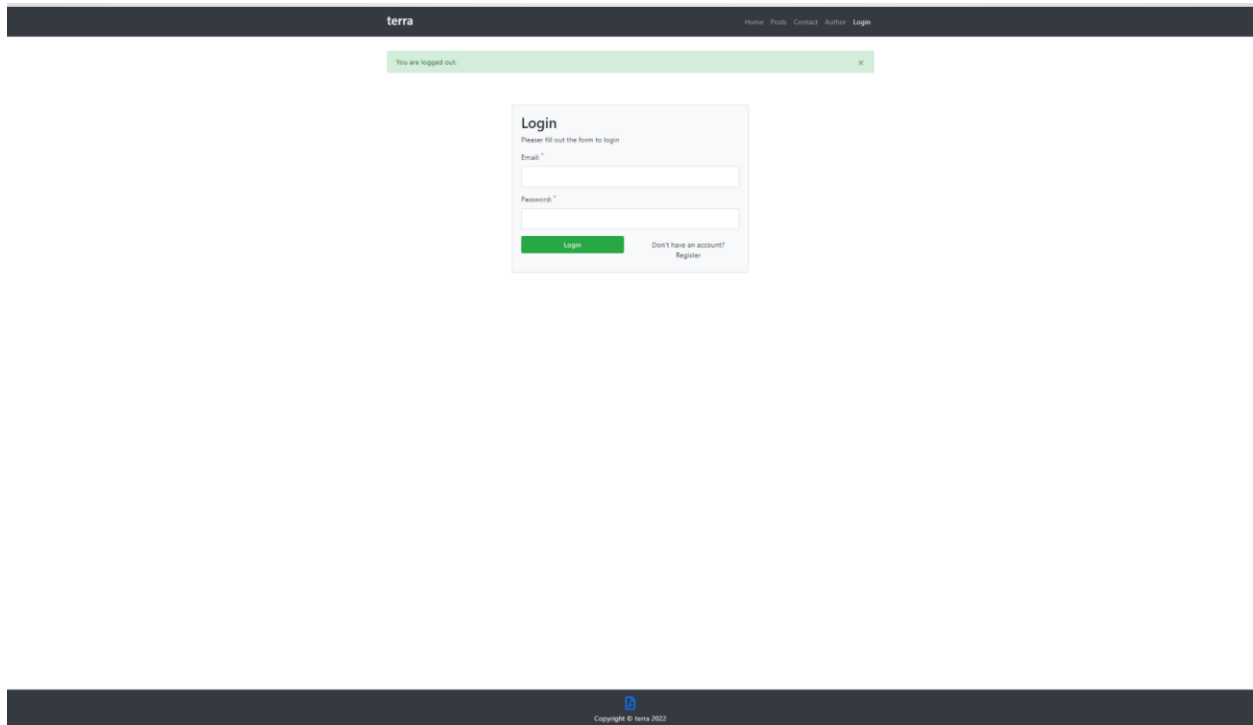
Submit

## Author



## Logout

Klikom na logout dugme vraća na login stranicu.



## Admin

Admin ima pregled i mogućnost menjanja entiteta, CRUD operacije, takodje može izabrati koji će se postovi prikazati na početnoj stranici. Ima prikaz trenutno ulogovanih korisnika i može sortirati postove i korisnike po datumu kreiranja klikom na **Created\_at**, toggle efektom se menja rastući i opadajući prikaz.

Admin dashboard ima različit izgled od ostatka sajta kako bi indikovao da je u pitanju ovlašćeni administrator i ovom delu ne mogu pristupiti obični korisnici.

The screenshot displays the Terra Admin Dashboard. The top navigation bar is green with the 'terra' logo and links for Home, Posts, Contact, Author, Admin, and Logout. A sidebar on the left contains links for Users, Posts, Categories, and Menu. The main content area is titled 'Users' and features a 'Welcome admin!' message. Below this is a table listing 10 users with columns for #, Name, Email, Created\_at, and Actions. The 'Created\_at' column is sorted in descending order. At the bottom, there is a section for 'Active Users' showing a single user, Arthur Pearson, who is logged in.

#	Name	Email	Created_at	Actions
2	Enrico Heller	ajast@greenhill.com	March, 02 2022 05:20	Delete
3	Luther Abernathy	wbraun@hotmail.com	March, 10 2021 02:28	Delete
4	Charles Dibbert	marguerite41@jynkins.com	March, 10 2022 02:28	Delete
5	Jaden Gleichner	kamilco79@gmail.com	February, 10 2022 02:28	Delete
6	Daylin Bogan	biser.tyrque@hotmail.com	March, 10 2022 07:28	Delete
7	Rachel Hackett	marquon.ckles@willms.com	March, 10 2022 11:28	Delete
8	Cindy Morar	maria17@lind.com	January, 10 2022 02:28	Delete
9	Trisha Ribad	joyce@dan.com	March, 09 2022 02:28	Delete
10	Kali Harris	ukitback@hotmail.com	March, 10 2022 04:28	Delete

#	Name	Email	Logged_in_at
10	Arthur Pearson	joanna.covancevick@yahoo.com	March, 12 2022 03:34

Copyright © terra 2022



[Users](#) 

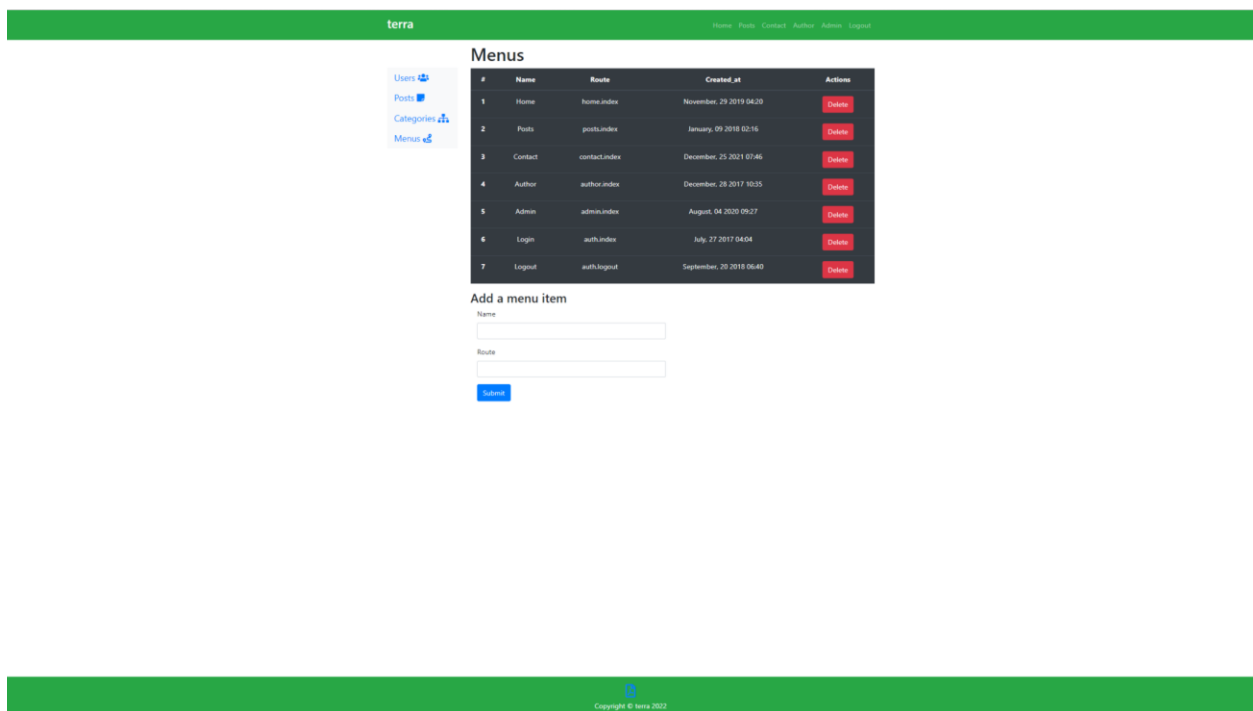
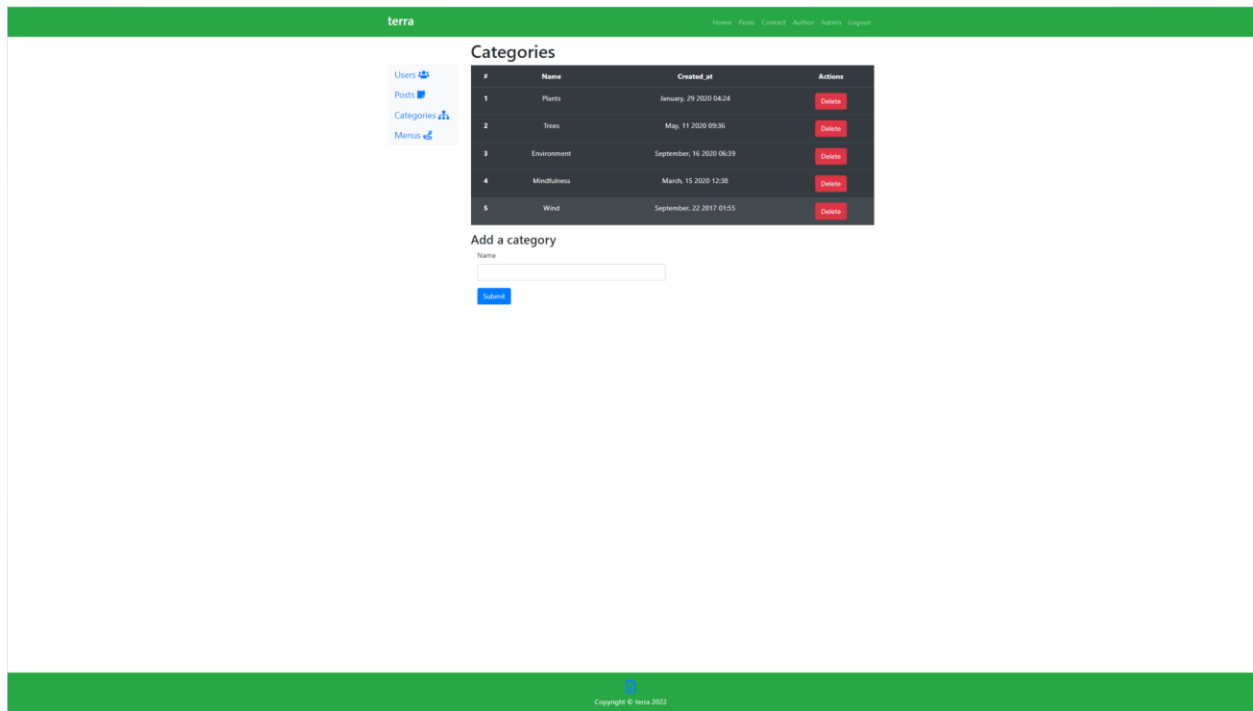
[Posts](#) 

[Categories](#) 

[Menus](#) 

## Posts

#	Title	Description	Created at	Actions
1	Hedonism in the natural world	"Nature is not a place to visit. It is home." - Gary Snyder	March, 10 2022 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
2	Earth's intelligence	Being pulled toward the heart of the world	March, 10 2022 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
3	Connecting with nature	The practice of 'wild-watching'	March, 10 2022 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
4	Slow down.	The Irish writer and philosopher Iris Murdoch once said, "people from a planet without flowers would think we must be mad with joy the whole time to have such things about us".	December, 13 2021 03:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
5	Wind is talking to you	Just sit quietly under a tree	February, 10 2022 04:29	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
6	Steering with fresh eyes - A deeper nature experience	Around the time I first learned how to meditate, something amazing happened to me. It happened one day quite spontaneously.	February, 07 2022 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
7	Let go of expectations.	So what are we to do when the world is so conditioned to ignore the things in life which are familiar?	March, 10 2021 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
8	Wonder	This isn't something which is complicated or new. Every single five year old experiences the world with a natural sense of curiosity and wonder.	March, 10 2022 03:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
9	Nature Connection Exercise	For this exercise find a place, any place, with some nature present (fields, trees, forest, is anywhere and everywhere (the air you are breathing right now, even the body with which you perceive the world is part of 'nature').	March, 10 2022 03:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
10	Porosize and Receive	Open and engage all the pores.	March, 10 2020 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
11	Society - The soil in which we grow	In order for any plant to grow and flourish to its full potential, it needs the right conditions.	March, 10 2022 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
12	Nature is a teacher	What happens when you allow everything to be "as it is"?	January, 10 2022 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
13	Grow	If the soil is good and you have the right amount of sunshine and water everything takes care of itself.	February, 10 2022 11:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
14	River flow	Paradox	March, 10 2021 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>
15	Meditate	First things first - what was my actual experience in this moment?	March, 10 2022 02:28	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Follow/Unfollow</a>



## Kodovi

Kodovi se mogu pregledati na <https://github.com/npivalica/terra>