Elect 1 - WEB DEVELOPMENT

Layout.blade.php

The layout Blade template ensures a consistent structure for the application, with conditional rendering of the header and footer. It uses `@unless (Request::is('/'))` to show the header and navigation on all pages except the homepage (e.g., login page). The page title is dynamic and set using `@yield('title')`, while child views insert their main content into `@yield('content')`. This allows for flexible customization of page titles and content while maintaining a clean layout across the site.

Log-in.blade.php

- `@extends('Components.Layout')` – Defines the main layout for the page.

- `@section('title', 'Username - Log in')` – Sets the browser tab title.

- `@section('content')` – Starts the main content section.

- `@csrf` – Provides security against CSRF attacks.

- `@endsection` – Ends the content section.

Home.blade.php

This Blade template defines the "Home" page of a Laravel application. It extends a main layout with `@extends`, ensuring consistency with the site design. The page title is set to "Username - Home." Inside `@section('content')`, two banners are created, the second featuring a background image from the assets folder. Below, a welcoming header and a paragraph invite users to explore the world of dog breeds, highlighting their unique traits. This layout serves as an engaging introduction to the site's content and theme.

Contact.blade.php

This contact page in a Laravel application allows users to send their information. It extends a main layout for consistent design and sets the title to "Username - Contact." The content includes a form where users enter their name, email, and message, with all fields required. Upon submission, a JavaScript function displays a "Message sent!" confirmation for three seconds and then resets the form. This setup ensures users can easily reach out while providing instant feedback. The `@extends`, `@section('title')`, and `@section('content')` function similarly to other Blade templates.


```php
content.blade.php
    5   @section('content') <!-- This defines the content section -->
  212       <script>
  213           function toggleHeart(button) {
  214               button.classList.toggle('liked');
  215           }
  216
  217           function handleComment() {
  218               const commentSection = document.getElementById('commentSection');
  219               commentSection.style.display = 'block';
  220           }
  221
  222           function submitComment() {
  223               const commentInput = document.getElementById('commentInput');
  224               const commentText = commentInput.value;
  225
  226               if (commentText.trim()) {
  227                   // Add the comment to the list
  228                   const commentList = document.getElementById('commentsList');
  229                   const newComment = document.createElement('div');
  230                   newComment.classList.add('comment-item');
  231                   newComment.innerText = commentText;
  232                   commentList.appendChild(newComment);
  233
  234                   // Clear the input and hide the section
  235                   commentInput.value = '';
  236                   document.getElementById('commentSection').style.display = 'none';
  237               } else {
  238                   alert('Please enter a comment before submitting.');
  239               }
  240           }
  241
  242           function handleMessage() {
  243               window.location.href = 'http://127.0.0.1:8000/contact'; // Link to the "Contact Us" page
  244           }
  245       </script>
  246   @endsection
```
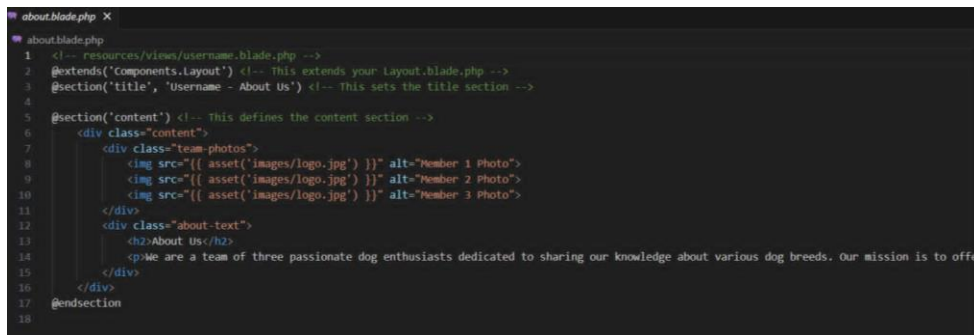


```php
home.blade.php
   1   <!-- resources/views/username.blade.php -->
   2   @extends('Components.Layout') <!-- This extends your Layout.blade.php -->
   3   @section('title', 'Username - About Us') <!-- This sets the title section -->
   4
   5   @section('content') <!-- This defines the content section -->
   6       <div class="banner"></div>
   7       <div class="banner" style="background-image: url('{{ asset('images/banner.jpg') }}');"></div>
   8
   9       <div class="content">
  10           <h2>Welcome to Pawsome Breeds!</h2>
  11           <p>Dive into the wonderful world of dog breeds! Discover their origins, unique personalities, and lovable quirks. Whether you're a dedicated
  12       </div>
  13   @endsection
  14
  15
```

About.blade.php

The about.blade.php uses` @extends('Components.Layout')`, ` @section('title', 'Username – About Us')`, and ` @section('content')` directives function the same way for the "About Us" page. This code creates an "About Us" page that showcases the team behind the website and their commitment to sharing knowledge about dog breeds. It includes team photos and informative text to engage visitors and build a connection with the audience.

```
about.blade.php ✕
about.blade.php
1    <!-- resources/views/username.blade.php -->
2    @extends('Components.Layout') <!-- This extends your Layout.blade.php -->
3    @section('title', 'Username - About Us') <!-- This sets the title section -->
4
5    @section('content') <!-- This defines the content section -->
6        <div class="content">
7            <div class="team-photos">
8                <img src="{{ asset('images/logo.jpg') }}" alt="Member 1 Photo">
9                <img src="{{ asset('images/logo.jpg') }}" alt="Member 2 Photo">
10               <img src="{{ asset('images/logo.jpg') }}" alt="Member 3 Photo">
11           </div>
12           <div class="about-text">
13               <h2>About Us</h2>
14               <p>We are a team of three passionate dog enthusiasts dedicated to sharing our knowledge about various dog breeds. Our mission is to offe
15           </div>
16       </div>
17   @endsection
18
```

Routes

This route setup defines routes for a web application with login, home, about, content, and contact pages. It handles username submissions, stores them in the session, and retrieves them for display. If no username is provided, it defaults to "Guest."

Routes Overview:

- **Login Route (/)**: Displays the login page when users access the root URL.
- **Set Username Route (/set-username)**: Handles form submissions, stores the username in the session, and redirects to the home page.
- **Home Route (/home)**: Retrieves the username from the session and displays the home page.
- **About Route (/about)**: Serves the "About Us" page, similar to the home route.
- **Content Route (/content)**: Shows a list of dog breeds, using a specific layout.
- **Contact Route (/contact)**: Displays the Contact Us page.

```php
<?php

use Illuminate\Support\Facades\Route;
use Illuminate\Http\Request;

// Login route
Route::get('/', function () {
    return view('login');
})->name('login');

// Route to handle the username submission and store it in the session
Route::post('/set-username', function (Request $request) {
    // Get the username from the input, or set it to "Guest" if it's empty
    $username = $request->input('username') ?: 'Guest';

    // Store the username in the session
    session(['username' => $username]);

    // Redirect to the home page
    return redirect()->route('home');
})->name('set-username');

// Home route
Route::get('/home', function () {
    // Get the username from the session, defaulting to "Guest"
    $username = session('username', 'Guest');
    return view('home', ['username' => $username]);
})->name('home');

// About page route
Route::get('/about', function () {
    // Get the username from the session, defaulting to "Guest"
    $username = session('username', 'Guest');
    return view('about', ['username' => $username]);
})->name('about');

// Content page route
```

```php
})->name('home');

// About page route
Route::get('/about', function () {
    // Get the username from the session, defaulting to "Guest"
    $username = session('username', 'Guest');
    return view('about', ['username' => $username]);
})->name('about');

// Content page route
Route::get('/content', function () {
    // Get the username from the session, defaulting to "Guest"
    $username = session('username', 'Guest');
    return view('content', ['username' => $username]);
})->name('content');

// Contact Us page route
Route::get('/contact', function () {
    // Get the username from the session, defaulting to "Guest"
    $username = session('username', 'Guest');
    return view('contact', ['username' => $username]);
})->name('contact');
```