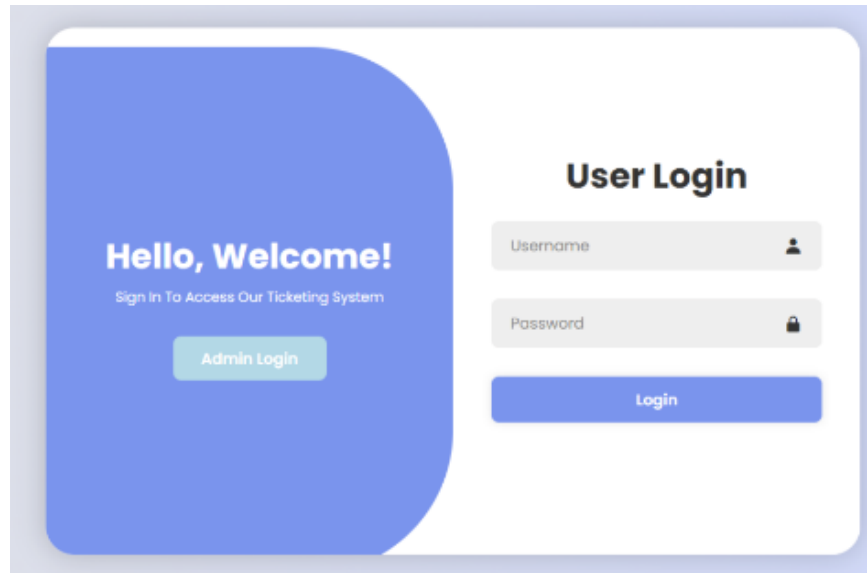


1. Login View

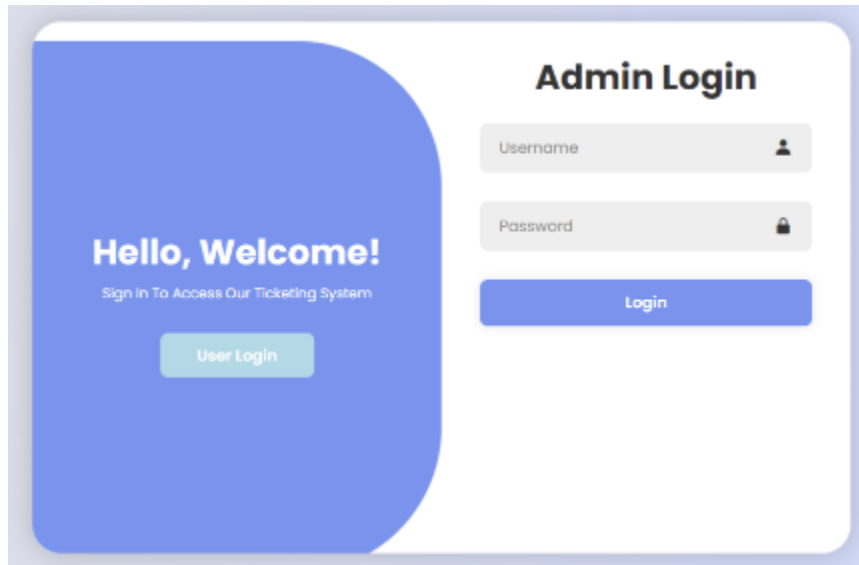
- A user interface with simple design that lets the user input their user and pass so they can access the website.



The image shows a 'User Login' interface. On the left, a blue rounded rectangle contains the text 'Hello, Welcome!' in bold, followed by 'Sign In To Access Our Ticketing System' in a smaller font, and a light blue button labeled 'Admin Login'. On the right, the title 'User Login' is centered above a form. The form has two input fields: 'Username' with a person icon and 'Password' with a lock icon. Below these fields is a blue button labeled 'Login'.

2. Admin View

- The same as the login view but it's for the admin of the website to access and manage the requests made by the user/s.



The image shows an 'Admin Login' interface. On the left, a blue rounded rectangle contains the text 'Hello, Welcome!' in bold, followed by 'Sign In To Access Our Ticketing System' in a smaller font, and a light blue button labeled 'User Login'. On the right, the title 'Admin Login' is centered above a form. The form has two input fields: 'Username' with a person icon and 'Password' with a lock icon. Below these fields is a blue button labeled 'Login'.

3. AuthController

- The code here serves as a login function so that it will only accept the given parameters that we inputted for the login of both user and the admin.

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6
7 class AuthController extends Controller
8 {
9     // Show the login form
10    public function showLoginForm()
11    {
12        return view('login');
13    }
14
15    // Handle User login
16    public function loginUser(Request $request)
17    {
18        $credentials = $request->only('username', 'password');
19
20        if ($credentials['username'] === 'user' && $credentials['password'] === 'userpassword') {
21            session(['user_type' => 'user']);
22            return redirect()->route('create-ticket');
23        }
24
25        return redirect()->back()->with('error', 'Invalid username or password');
26    }
27
28    // Handle Admin login
29    public function loginAdmin(Request $request)
30    {
31        $credentials = $request->only('username', 'password');
32
33        if ($credentials['username'] === 'admin' && $credentials['password'] === 'adminpassword') {
34            session(['user_type' => 'admin']);
35            return redirect()->route('view-ticket');
36        }
37    }
38 }
```

4. TicketController

- This code handles the tickets that are submitted by the users.

```
AuthController.php TicketController.php X
C:\> Users > User > Desktop > webdev proj > Controller > app > Http > Controllers > TicketController.php
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6
7 class TicketController extends Controller
8 {
9     public function create()
10    {
11        return view('create-ticket');
12    }
13
14    public function store(Request $request)
15    {
16        // Logic to store the ticket data
17        // For example: Ticket::create($request->all());
18        return redirect()->route('create-ticket')->with('success', 'Ticket created successfully.');
```

5. CheckUserType

- This middleware checks whether the user is authenticated before it allows it to proceed to the desired destination.

```
1  <?php
2
3  namespace App\Http\Middleware;
4
5  use Closure;
6  use Illuminate\Http\Request;
7
8  class CheckUserType
9  {
10     /**
11      * Handle an incoming request.
12      *
13      * @param \Illuminate\Http\Request $request
14      * @param \Closure $next
15      * @param string $type
16      * @return mixed
17      */
18     public function handle(Request $request, Closure $next, $type)
19     {
20         if (session('user_type') !== $type) {
21             return redirect()->route('login');
22         }
23         return $next($request);
24     }
25 }
```

6. CheckUserRole

- This checks if the user has a role assigned to it and redirects it to the views that only their role is allowed to access.

```
<?php

namespace App\Http\Middleware;

use Closure;
use Illuminate\Http\Request;

class CheckUserRole
{
    /**
     * Handle an incoming request.
     *
     * @param \Illuminate\Http\Request $request
     * @param \Closure $next
     * @param string $role
     * @return mixed
     */
    public function handle(Request $request, Closure $next, $role)
    {
        // Check if the session has a user type and if it matches the required role
        if ($request->session()->get('user_type') !== $role) {
            return redirect()->route('login')->withErrors(['Unauthorized access']);
        }

        return $next($request);
    }
}
```

7. App styles

- This gives the home view where the ticket can be created and viewed styles and designs.

```
1 body, html {
2   margin: 0;
3   padding: 0;
4   font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
5   color: #343535;
6   background-color: #e6e7fa;
7 }
8
9 button {
10  appearance: none;
11  background: none;
12  border: none;
13  font: inherit;
14  color: inherit;
15  padding: 0;
16  margin: 0;
17  box-shadow: none;
18 }
19
20 .container {
21  display: flex;
22  height: 1000px;
23 }
24
25 /* sidebar styling */
26 .sidebar {
27   width: 250px;
28   background-color: #e6e7fa;
29   color: #343535;
30   padding-top: 20px;
31   display: flex;
32   flex-direction: column;
33   align-items: center;
34   box-shadow: 2px 2px 0px #343535;
35   position: fixed;
36   height: 1000px;
37 }
38
39 .sidebar h2 {
40   font-size: 20px;
41   margin-bottom: 20px;
42   text-align: center;
43   font-weight: bold;
44 }
45
46 .sidebar ul {
47   list-style-type: none;
48   padding: 0;
49   width: 100%;
50 }
51
52 .sidebar ul li {
53   width: 100%;
```

8. Login styles

- This gives the Login view the design and style so that it is easier to interact with and pleasing to the eye.

```
1 {
2   margin: 0;
3   padding: 0;
4   font-family: Tahoma, Geneva, Verdana, sans-serif;
5   text-decoration: none;
6   list-style: none;
7 }
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