In this Laravel 7/6 Custom Login Registration Example Tutorial I will show you how to create custom login and registration system in laravel. In this tutorial you will learn to create custom login and registration system in laravel. Though laravel comes with default authentication system we can also create custom login, registration and logout functionality. In the step by step custom authentication tutorial I will show you to create controller, routes, model, and blade views files for custom login, registration and logout functionality.

**Laravel 7/6 Custom Login Registration Example Tutorial**

* Install Laravel Fresh New Setup
* Setup Database Credentials
* Make Route
* Create Controller & Methods
* Create Blade View
* Run Development Server
* Conclusion

**1). Install Laravel Fresh New Setup**

First of all we need to create a fresh laravel project, download and install Laravel using the below command

|  |  |
| --- | --- |
| 1 | composer create-project laravel/laravel Laravel-tutorial “7.30” |

**2). Setup Database**

Now, lets create a MySQL database and connect it with laravel application. After creating database we need to set database credential in application’s .env file.

|  |  |
| --- | --- |
| 1  2  3  4  5  6 | DB\_CONNECTION=mysql  DB\_HOST=127.0.0.1  DB\_PORT=3306  DB\_DATABASE=Laravel-tutorial  DB\_USERNAME=root  DB\_PASSWORD= |

Next,  we will migrate the table into the database using the below command :

|  |  |
| --- | --- |
| 1 | php artisan migrate |

**3). Make Route**

After this, we need to define routes in “**routes/web.php**” file. Lets open **“routes/web.php”** file and add the following routes in it.

**routes/web.php**

|  |  |
| --- | --- |
| 1  2  3  4  5  6 | Route::get('login', 'AuthController@index');    Route::post('post-login', 'AuthController@postLogin');    Route::get('registration', 'AuthController@registration');    Route::post('post-registration', 'AuthController@postRegistration');    Route::get('dashboard', 'AuthController@dashboard');    Route::get('logout', 'AuthController@logout'); |

**4). Create Controller**

Now, lets create a controller named AuthController using command given below –

|  |  |
| --- | --- |
| 1 | php artisan make:controller AuthController |

After successfully create controller go to app/controllers/AuthController.php and update the below code in your controller:

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78 | <?php    namespace App\Http\Controllers;    use Illuminate\Http\Request;  use Validator,Redirect,Response;  Use App\User;  use Illuminate\Support\Facades\Auth;  use Illuminate\Support\Facades\Hash;  use Session;    class AuthController extends Controller  {        public function index()      {          return view('login');      }        public function registration()      {          return view('registration');      }        public function postLogin(Request $request)      {          request()->validate([          'email' => 'required',          'password' => 'required',          ]);            $credentials = $request->only('email', 'password');          if (Auth::attempt($credentials)) {              // Authentication passed...              return redirect()->intended('dashboard');          }          return Redirect::to("login")->withSuccess('Oppes! You have entered invalid credentials');      }        public function postRegistration(Request $request)      {          request()->validate([          'name' => 'required',          'email' => 'required|email|unique:users',          'password' => 'required|min:6',          ]);            $data = $request->all();            $check = $this->create($data);            return Redirect::to("dashboard")->withSuccess('Great! You have Successfully loggedin');      }        public function dashboard()      {          if(Auth::check()){          return view('dashboard');        }         return Redirect::to("login")->withSuccess('Opps! You do not have access');      }        public function create(array $data)      {        return User::create([          'name' => $data['name'],          'email' => $data['email'],          'password' => Hash::make($data['password'])        ]);      }        public function logout() {          Session::flush();          Auth::logout();          return Redirect('login');      }  } |

**5). Create Blade view**

Now, we will create three-blade view files as following:

**login blade.php**

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53 | <!DOCTYPE html>  <html>  <head>  <title>Login Form</title>  <meta charset="utf-8">  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  <meta name="description" content="">  <meta name="author" content="">  <meta name="csrf-token" content="{{ csrf\_token() }}">  <!--Bootsrap 4 CDN-->  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO" crossorigin="anonymous">  <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>  <link rel="stylesheet" type="text/css" href="{{url('style.css')}}">  </head>  <body>  <div class="container-fluid">  <div class="row no-gutter">  <div class="d-none d-md-flex col-md-4 col-lg-6 bg-image"></div>  <div class="col-md-8 col-lg-6">  <div class="login d-flex align-items-center py-5">  <div class="container">  <div class="row">  <div class="col-md-9 col-lg-8 mx-auto">  <h3 class="login-heading mb-4">Welcome back!</h3>  <form action="{{url('post-login')}}" method="POST" id="logForm">  {{ csrf\_field() }}  <div class="form-label-group">  <input type="email" name="email" id="inputEmail" class="form-control" placeholder="Email address" >  <label for="inputEmail">Email address</label>  @if ($errors->has('email'))  <span class="error">{{ $errors->first('email') }}</span>  @endif  </div>  <div class="form-label-group">  <input type="password" name="password" id="inputPassword" class="form-control" placeholder="Password">  <label for="inputPassword">Password</label>  @if ($errors->has('password'))  <span class="error">{{ $errors->first('password') }}</span>  @endif  </div>  <button class="btn btn-lg btn-primary btn-block btn-login text-uppercase font-weight-bold mb-2" type="submit">Sign In</button>  <div class="text-center">If you have an account?  <a class="small" href="{{url('registration')}}">Sign Up</a></div>  </form>  </div>  </div>  </div>  </div>  </div>  </div>  </div>  </body>  </html> |

**registration blade.php**

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60 | <!DOCTYPE html>  <html>  <head>  <title>Registration Form</title>  <meta charset="utf-8">  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  <meta name="description" content="">  <meta name="author" content="">  <meta name="csrf-token" content="{{ csrf\_token() }}">  <!--Bootsrap 4 CDN-->  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO" crossorigin="anonymous">  <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>  <link rel="stylesheet" type="text/css" href="{{url('style.css')}}">  </head>  <body>  <div class="container-fluid">  <div class="row no-gutter">  <div class="d-none d-md-flex col-md-4 col-lg-6 bg-image"></div>  <div class="col-md-8 col-lg-6">  <div class="login d-flex align-items-center py-5">  <div class="container">  <div class="row">  <div class="col-md-9 col-lg-8 mx-auto">  <h3 class="login-heading mb-4">Register here!</h3>  <form action="{{url('post-registration')}}" method="POST" id="regForm">  {{ csrf\_field() }}  <div class="form-label-group">  <input type="text" id="inputName" name="name" class="form-control" placeholder="Full name" autofocus>  <label for="inputName">Name</label>  @if ($errors->has('name'))  <span class="error">{{ $errors->first('name') }}</span>  @endif  </div>  <div class="form-label-group">  <input type="email" name="email" id="inputEmail" class="form-control" placeholder="Email address" >  <label for="inputEmail">Email address</label>  @if ($errors->has('email'))  <span class="error">{{ $errors->first('email') }}</span>  @endif  </div>  <div class="form-label-group">  <input type="password" name="password" id="inputPassword" class="form-control" placeholder="Password">  <label for="inputPassword">Password</label>  @if ($errors->has('password'))  <span class="error">{{ $errors->first('password') }}</span>  @endif  </div>  <button class="btn btn-lg btn-primary btn-block btn-login text-uppercase font-weight-bold mb-2" type="submit">Sign Up</button>  <div class="text-center">If you have an account?  <a class="small" href="{{url('login')}}">Sign In</a></div>  </form>  </div>  </div>  </div>  </div>  </div>  </div>  </div>  </body>  </html> |

**dashboard.blade.php**

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41 | <!DOCTYPE html>  <html>  <head>  <title>Dashboard</title>  <meta charset="utf-8">  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  <meta name="description" content="">  <meta name="author" content="">  <meta name="csrf-token" content="{{ csrf\_token() }}">  <!--Bootsrap 4 CDN-->  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO" crossorigin="anonymous">  <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>  <link rel="stylesheet" type="text/css" href="{{url('style.css')}}">  </head>  <body>  <div class="container-fluid">  <div class="row no-gutter">  <div class="d-none d-md-flex col-md-4 col-lg-6 bg-image"></div>  <div class="col-md-8 col-lg-6">  <div class="login d-flex align-items-center py-5">  <div class="container">  <div class="row">  <div class="col-md-9 col-lg-8 mx-auto">  <h3 class="login-heading mb-4">Welcome Dashboard!</h3>  <div class="card">  <div class="card-body">  Welcome {{ ucfirst(Auth()->user()->name) }}  </div>  <div class="card-body">  <a class="small" href="{{url('logout')}}">Logout</a>  </div>  </div>  </div>  </div>  </div>  </div>  </div>  </div>  </div>  </body>  </html> |

Next, we will create a  style.css file inside app/public folder and updates the below code in your file:

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79  80  81  82  83  84  85  86  87  88  89  90  91  92  93  94  95  96  97  98 | :root {  --input-padding-x: 1.5rem;  --input-padding-y: 0.75rem;  }  .login,  .image {  min-height: 100vh;  }  .bg-image {  background-image: url('https://s3-us-west-2.amazonaws.com/s.cdpn.io/28963/form-bk.jpg');  background-size: cover;  background-position: center;  }  .login-heading {  font-weight: 300;  }  .btn-login {  font-size: 0.9rem;  letter-spacing: 0.05rem;  padding: 0.75rem 1rem;  border-radius: 2rem;  }  .form-label-group {  position: relative;  margin-bottom: 1rem;  }  .form-label-group>input,  .form-label-group>label {  padding: var(--input-padding-y) var(--input-padding-x);  height: auto;  border-radius: 2rem;  }  .form-label-group>label {  position: absolute;  top: 0;  left: 0;  display: block;  width: 100%;  margin-bottom: 0;  /\* Override default `<label>` margin \*/  line-height: 1.5;  color: #495057;  cursor: text;  /\* Match the input under the label \*/  border: 1px solid transparent;  border-radius: .25rem;  transition: all .1s ease-in-out;  }  .form-label-group input::-webkit-input-placeholder {  color: transparent;  }  .form-label-group input:-ms-input-placeholder {  color: transparent;  }  .form-label-group input::-ms-input-placeholder {  color: transparent;  }  .form-label-group input::-moz-placeholder {  color: transparent;  }  .form-label-group input::placeholder {  color: transparent;  }  .form-label-group input:not(:placeholder-shown) {  padding-top: calc(var(--input-padding-y) + var(--input-padding-y) \* (2 / 3));  padding-bottom: calc(var(--input-padding-y) / 3);  }  .form-label-group input:not(:placeholder-shown)~label {  padding-top: calc(var(--input-padding-y) / 3);  padding-bottom: calc(var(--input-padding-y) / 3);  font-size: 12px;  color: #777;  }  /\* Fallback for Edge  -------------------------------------------------- \*/  @supports (-ms-ime-align: auto) {  .form-label-group>label {  display: none;  }  .form-label-group input::-ms-input-placeholder {  color: #777;  }  }  /\* Fallback for IE  -------------------------------------------------- \*/  @media all and (-ms-high-contrast: none),  (-ms-high-contrast: active) {  .form-label-group>label {  display: none;  }  .form-label-group input:-ms-input-placeholder {  color: #777;  }  }  .error{  color:red;  margin-left: 10px;  } |

**6). Run Development Server**

Now we are ready to run our example so lets start the development server using following artisan command –

|  |  |
| --- | --- |
| 1 | php artisan serve |

Now, open the following URL in browser to see the output –

|  |  |
| --- | --- |
| 1 | http://localhost:8000/login |