<https://magecomp.com/blog/crud-operation-laravel-8/>

<https://www.positronx.io/how-to-properly-install-and-use-bootstrap-in-laravel/>

Install Laravel

Create DB

Database configuration

Edit .env file with database credentials

DB\_CONNECTION=mysql

DB\_HOST=127.0.0.1

DB\_PORT=3306

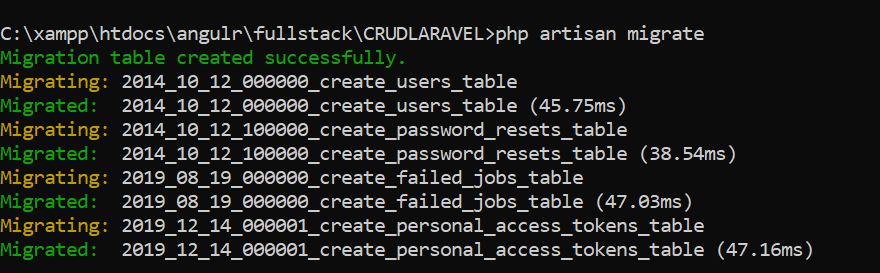
DB\_DATABASE=laravel\_crud

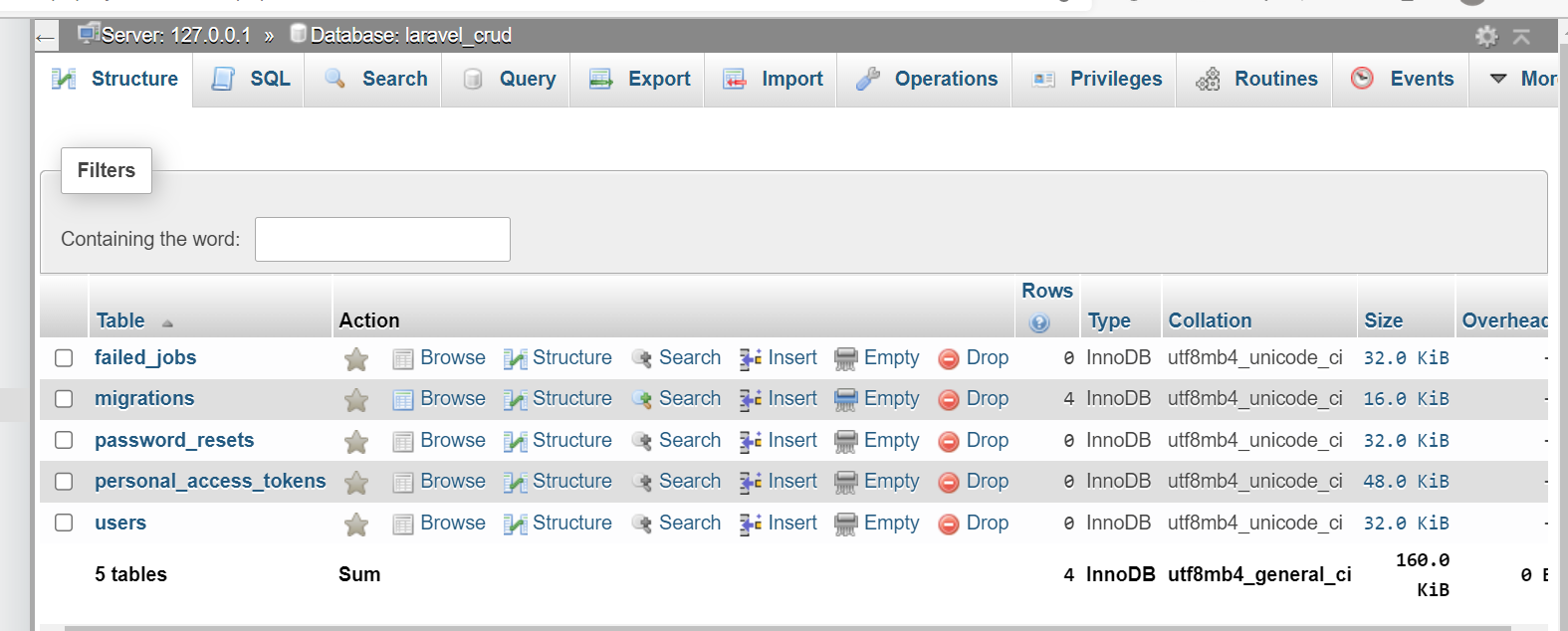
DB\_USERNAME=root

DB\_PASSWORD=

Now run migration using the below command

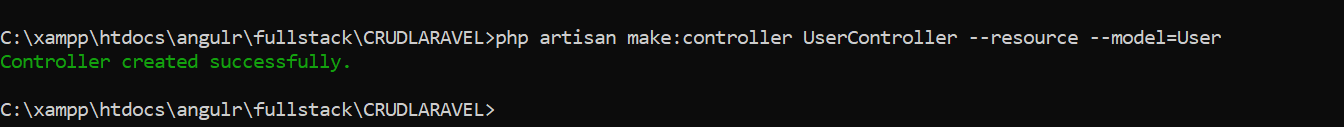
Php artisan migrate





Create Controller and Model using below command

php artisan make:controller UserController --resource --model=User



A new file will create which contain below functions by default

app\Http\Controllers\UserController.php

1. Index()
2. Create()
3. Store()
4. Show()
5. Edit()
6. Update()
7. Destroy()

Now Create Blade Files

Add below code in UserController.php

<?php

namespace App\Http\Controllers;

use App\Models\User;

use Illuminate\Http\Request;

class UserController extends Controller

{

    /\*\*

     \* Display a listing of the resource.

     \*

     \* @return \Illuminate\Http\Response

     \*/

    public function index()

    {

        $users = User::latest()->paginate(5);

        return view('users.index',compact('users'))

            ->with('i', (request()->input('page', 1) - 1) \* 5);

    }

    /\*\*

     \* Show the form for creating a new resource.

     \*

     \* @return \Illuminate\Http\Response

     \*/

    public function create()

    {

        return view('users.create');

    }

    /\*\*

     \* Store a newly created resource in storage.

     \*

     \* @param  \Illuminate\Http\Request  $request

     \* @return \Illuminate\Http\Response

     \*/

    public function store(Request $request)

    {

        $request->validate([

            'name' => 'required',

            'email' => 'required|email|unique:users',

            'password' => 'required',

        ]);

        // User::create($request->all());

        $createUser = User::create([

            'name' => $request->name,

            'email' => $request->email,

            'password' => encrypt($request->password)

        ]);

        return redirect()->route('users.index')

                        ->with('success','Record Added successfully.');

    }

    /\*\*

     \* Display the specified resource.

     \*

     \* @param  \App\Models\User  $user

     \* @return \Illuminate\Http\Response

     \*/

    public function show(User $user)

    {

        return view('users.show',compact('user'));

    }

    /\*\*

     \* Show the form for editing the specified resource.

     \*

     \* @param  \App\Models\User  $user

     \* @return \Illuminate\Http\Response

     \*/

    public function edit(User $user)

    {

        return view('users.edit',compact('user'));

    }

    /\*\*

     \* Update the specified resource in storage.

     \*

     \* @param  \Illuminate\Http\Request  $request

     \* @param  \App\Models\User  $user

     \* @return \Illuminate\Http\Response

     \*/

    public function update(Request $request, User $user)

    {

        $request->validate([

            'name' => 'required',

            'email' => 'required',

        ]);

        $user->update($request->all());

        return redirect()->route('users.index')

                        ->with('success','Record updated successfully');

    }

    /\*\*

     \* Remove the specified resource from storage.

     \*

     \* @param  \App\Models\User  $user

     \* @return \Illuminate\Http\Response

     \*/

    public function destroy(User $user)

    {

        $user->delete();

        return redirect()->route('users.index')

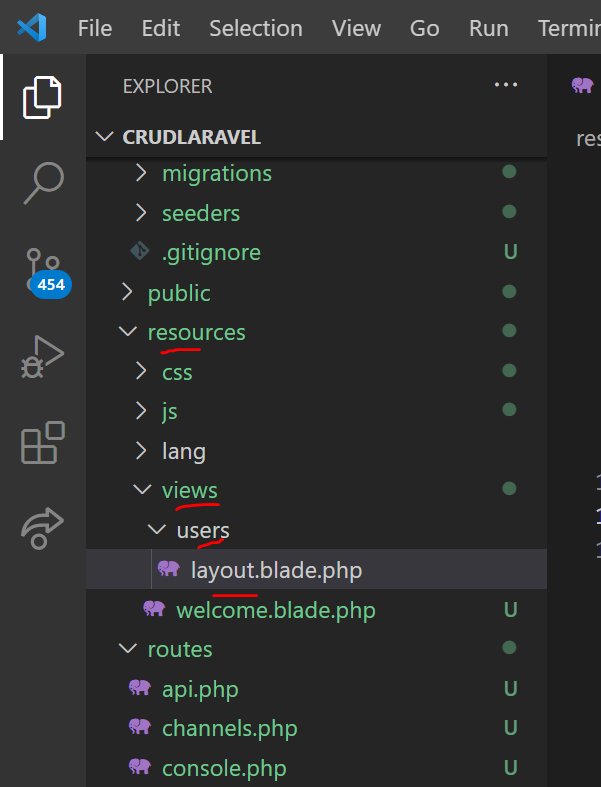
                        ->with('success','User deleted successfully');

    }

}

Create users folder inside resource/view

Then create layout.blade.php inside users folder



Add below code in layout.blade.php

resources\views\users\layout.blade.php

<!DOCTYPE html>

<html>

<head>

<title>Laravel CRUD APP </title>

</head>

<body>

<div class="container">

    @yield('content')

</div>

</body>

</html>

Create index.blade.php inside users folder

resources\views\users\index.blade.php

Add below code in index.blade.php

@extends('users.layout')

@section('content')

    <div class="row">

        <div class="col-lg-12 margin-tb mt-4">

            <div class="pull-left">

                <h2>Laravel CRUD APP</h2>

            </div>

            <div class="pull-right mt-3">

                <a class="btn btn-success" href="{{ route('users.create') }}"> Create New user</a>

            </div>

        </div>

    </div>

    @if ($message = Session::get('success'))

        <div class="alert alert-success mt-3">

            <p>{{ $message }}</p>

        </div>

    @endif

    <table class="table table-bordered mt-5">

        <tr>

            <th>Sr</th>

            <th>Name</th>

            <th>Email</th>

            <th width="280px">Action</th>

        </tr>

        @foreach ($users as $user)

        <tr>

            <td>{{ ++$i }}</td>

            <td>{{ $user->name }}</td>

            <td>{{ $user->email }}</td>

            <td>

                <form action="{{ route('users.destroy',$user->id) }}" method="POST">

                    <a class="btn btn-info" href="{{ route('users.show',$user->id) }}">View</a>

                    <a class="btn btn-primary" href="{{ route('users.edit',$user->id) }}">Edit</a>

                    @csrf

                    @method('DELETE')

                    <button type="submit" class="btn btn-danger">Delete</button>

                </form>

            </td>

        </tr>

        @endforeach

    </table>

@endsection

Now create create.blade.php file inside users folder

resources\views\users\create.blade.php

Add below code in create.blade.php

@extends('users.layout')

  @section('content')

  <div class="row">

      <div class="col-lg-12 margin-tb mt-5">

          <div class="pull-left">

              <h2>Create New User</h2>

          </div>

          <div class="pull-right mt-4">

              <a class="btn btn-primary" href="{{ route('users.index') }}"> Back</a>

          </div>

      </div>

  </div>

  @if ($errors->any())

      <div class="alert alert-danger mt-3">

          All fields are mandatory.<br><br>

          <ul>

              @foreach ($errors->all() as $error)

                  <li>{{ $error }}</li>

              @endforeach

          </ul>

      </div>

  @endif

  <form action="{{ route('users.store') }}" method="POST">

      @csrf

       <div class="row">

          <div class="col-xs-12 col-sm-12 col-md-12">

              <div class="form-group">

                  <strong>Name:</strong>

                  <input type="text" name="name" class="form-control" placeholder="Name">

              </div>

          </div>

          <div class="col-xs-12 col-sm-12 col-md-12">

              <div class="form-group">

                  <strong>email:</strong>

                  <input type="text" class="form-control" name="email" placeholder="Email">

              </div>

          </div>

          <div class="col-xs-12 col-sm-12 col-md-12">

              <div class="form-group">

                  <strong>Password:</strong>

                  <input type="password" name="password" class="form-control" placeholder="\*\*\*\*\*\*\*\*">

              </div>

          </div>

          <div class="col-xs-12 col-sm-12 col-md-12 mt-4">

                  <button type="submit" class="btn btn-primary">Submit</button>

          </div>

      </div>

  </form>

  @endsection

Create edit.blade.php file inside users folder

resources\views\users\edit.blade.php

add below code in edit.blade.php

@extends('users.layout')

@section('content')

    <div class="row">

        <div class="col-lg-12 margin-tb">

            <div class="pull-left mt-5">

                <h2>Edit User</h2>

            </div>

            <div class="pull-right mt-4">

                <a class="btn btn-primary" href="{{ route('users.index') }}"> Back</a>

            </div>

        </div>

    </div>

    @if ($errors->any())

        <div class="alert alert-danger mt-3">

        All fields are mandatory.

            <ul>

                @foreach ($errors->all() as $error)

                    <li>{{ $error }}</li>

                @endforeach

            </ul>

        </div>

    @endif

    <form action="{{ route('users.update',$user->id) }}" method="POST">

        @csrf

        @method('PUT')

         <div class="row">

            <div class="col-xs-12 col-sm-12 col-md-12 mt-3">

                <div class="form-group">

                    <strong>Name:</strong>

                    <input type="text" name="name" value="{{ $user->name }}" class="form-control" placeholder="Name">

                </div>

            </div>

            <div class="col-xs-12 col-sm-12 col-md-12 mt-3">

                <div class="form-group">

                    <strong>Email:</strong>

                    <input type="text" class="form-control" name="email" placeholder="Email" value="{{ $user->email }}">

                </div>

            </div>

            <div class="col-xs-12 col-sm-12 col-md-12 mg 3">

              <button type="submit" class="btn btn-primary mt-4">Update</button>

            </div>

        </div>

    </form>

@endsection

Create show.blade.php inside users folder

resources\views\users\show.blade.php

add below code in show.blade.php

@extends('users.layout')

  @section('content')

      <div class="row">

          <div class="col-lg-12 margin-tb">

              <div class="pull-left mt-5">

                  <h2> Show User</h2>

              </div>

              <div class="pull-right mt-4">

                  <a class="btn btn-primary" href="{{ route('users.index') }}"> Back</a>

              </div>

          </div>

      </div>

      <div class="row">

          <div class="col-xs-12 col-sm-12 col-md-12">

            <table class="table table-bordered mt-5">

                    <tr>

                        <th>Name</th>

                        <th>Email</th>

                    </tr>

                    <tr>

                        <td>{{ $user->name }}</td>

                        <td>{{ $user->email }}</td>

                    </tr>

            </table>

          </div>

      </div>

  @endsection

Create Route in web.php

Now add a route in web.php . So open your “routes/web.php” file and add the following route.

use App\Http\Controllers\UserController;

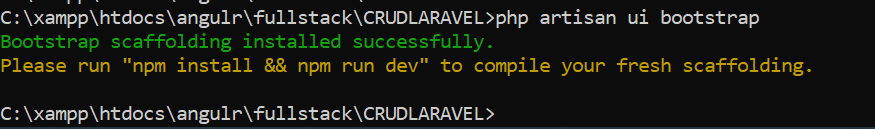
Route::resource('users', UserController::class);

For adding Bootstrap

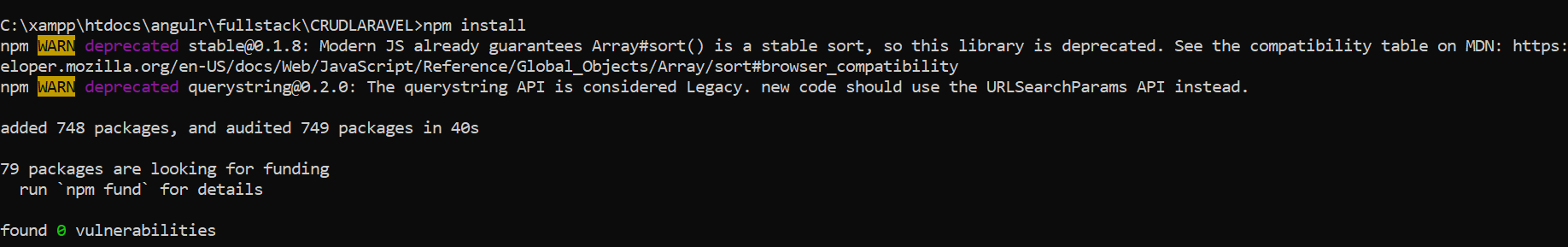
composer require laravel/ui



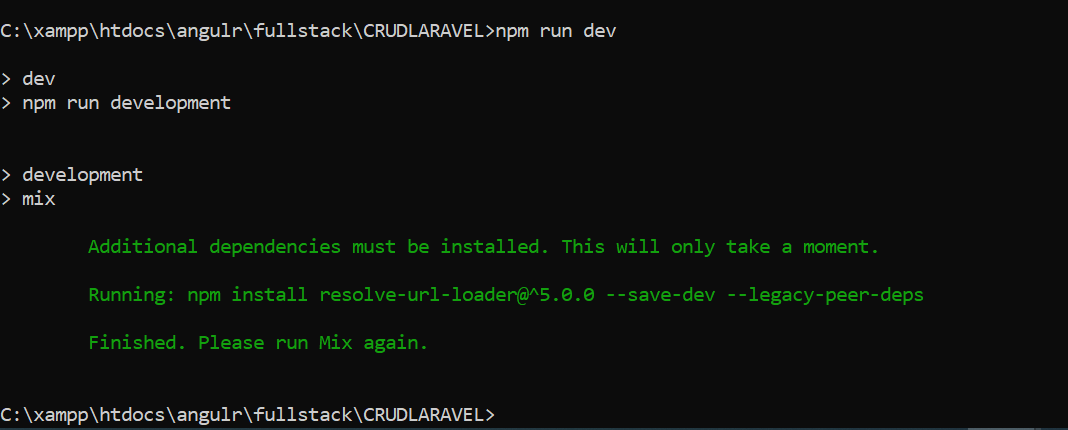
php artisan ui bootstrap



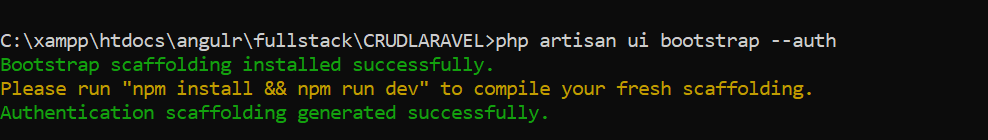
npm install



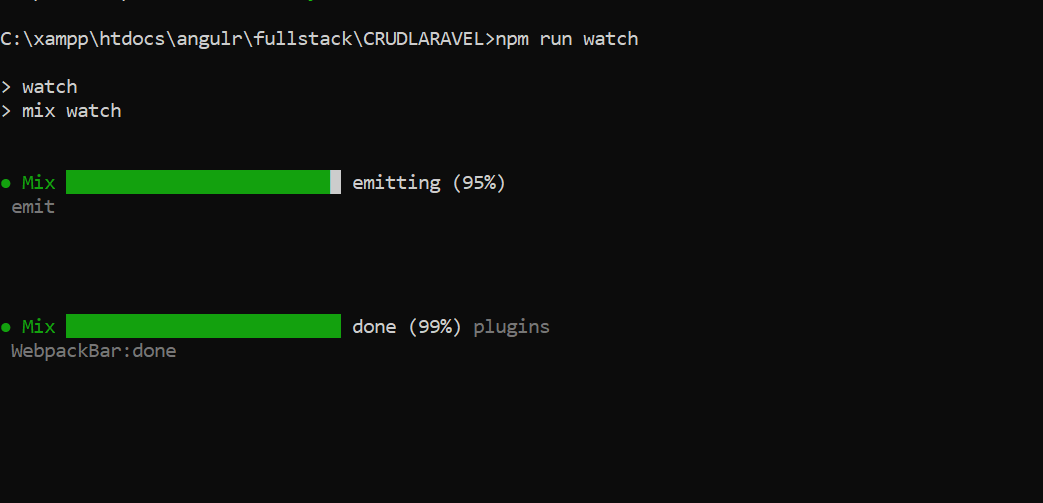
npm run dev



php artisan ui bootstrap –auth



npm run watch



Update below code in layout.blade.php

<html lang="{{ str\_replace('\_', '-', app()->getLocale()) }}">

<head>

    <meta charset="utf-8">

    <title>{{ config('app.name', 'Laravel') }}</title>

    <!-- Scripts -->

    <script src="{{ asset('js/app.js') }}" defer></script>

    <!-- Styles -->

    <link href="{{ asset('css/app.css') }}" rel="stylesheet">

</head>

<body>

<div class="container">

    @yield('content')

</div>

</body>

</html>

Run “php artisan serve” command

<http://127.0.0.1:8000/users>

