**Controller start**

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

use Illuminate\Support\Facades\Redirect;

use Illuminate\Support\Str;

use App\Http\Requests;

use DB;

use Session;

class AdminController extends Controller

{

//Route funcrion start

public function userReg()

{

return view('user-reg');

}

//Route funcrion end

public function saveUser(Request $request)

{

// Start of validation

$this->validate($request, [

'email' => 'required',

'password' => 'required'

]);

// End of validation

// Start of collecting data from html form

$email = trim($request->email);

$password = trim($request->password);

// End of collecting data from html form

// Start of checking duplicate data

$count = DB::table('user')->where('email',$email)->count();

if($count > 0){

Session::put('failed','Sorry, the email address already exist !!');

return Redirect::to('user-reg');

}

// End of checking duplicate data

// Start of data insertion

$data = array();

$data['email'] = $email;

$data['password'] = $password;

$query = DB::table('user')->insert($data);

// End of data insertion

//alart start

if($query){

Session::put('success','user data successfully saved');

return Redirect::to('user-reg');

}else{

Session::put('failed','Alas! we are undone !!');

return Redirect::to('user-reg');

}

//alart end

}

// view function query start

public function userList()

{

$users = DB::table('user')->get();

return view('user-list')->with('users',$users);

}

// view function query end

// edit user data query start

public function editUser($id)

{

$user = DB::table('user')->where('id',$id)->first();

return view('edit-user')->with('user',$user)->with('id',$id);

}

// edit user data query end

public function updateUser(Request $request)

{

// Start of validation

$this->validate($request, [

'email' => 'required',

'password' => 'required'

]);

// End of validation

// Start of collecting data from html form

$email = trim($request->email);

$password = trim($request->password);

$id = trim($request->id);

// End of collecting data from html form

// Start of checking duplicate data

$count = DB::table('user')->where('email',$email)->whereNotIn('id',[$id])->count();

if($count > 0){

Session::put('failed','Sorry, the email address already exist !!');

return Redirect::to('user-reg');

}

// End of checking duplicate data

// Start of data insertion

$data = array();

$data['email'] = $email;

$data['password'] = $password;

$query = DB::table('user')->where('id',$id)->update($data);

// End of data insertion

//alart start

if($query){

Session::put('success','user data successfully updated');

return Redirect::to('edit-user/'.$id);

}else{

Session::put('failed','Alas! we are undone !!');

return Redirect::to('edit-user/'.$id);

}

//alart end

}

public function deleteUser($id)

{

//start delete quary

$query = DB::table('user')->where('id',$id)->delete();

//end delete quary

//alart start

if($query){

Session::put('success','user successfully deleted !!');

return Redirect::to('user-list');

}else{

Session::put('failed','user not deleted !!');

return Redirect::to('user-list');

}

//alart end

}

}

**View part start**

<!doctype html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport"

content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0, minimum-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Reg</title>

</head>

<body>

<h>User Registration</h>

<!-- error check start -->

@if (count($errors) > 0)

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

<h2>{{ $error }}</h2>

@endforeach

@endif

<!-- error check end -->

<p style="color: green;font-weight: bold;">{{ Session::get('success') }} {{ Session::put('success',NULL) }}</p>

<p style="color: red;font-weight: bold;">{{ Session::get('failed') }} {{ Session::put('failed',NULL) }}</p>

{!! Form::open(['url' =>'save-user','method' => 'post','role' => 'form']) !!}

<table>

<tr>

<td>email</td>

<td><input type="email" name="email"></td>

</tr>

<tr>

<td>Password</td>

<td><input type="password" name="password"></td>

</tr>

<tr>

<td></td>

<td><input type="submit" value="Register"></td>

</tr>

</table>

{!! Form::close() !!}

</body>

</html>

**Web Route**

<?php

use Illuminate\Support\Facades\Route;

use App\Http\Controllers\AdminController;

/\*

|--------------------------------------------------------------------------

| Web Routes

|--------------------------------------------------------------------------

|

| Here is where you can register web routes for your application. These

| routes are loaded by the RouteServiceProvider within a group which

| contains the "web" middleware group. Now create something great!

|

\*/

Route::get('/', function () {

return view('welcome');

});

Route::get('user-reg',[AdminController::class, 'userReg']);

Route::post('save-user',[AdminController::class, 'saveUser']);

Route::get('user-list',[AdminController::class, 'userList']);

Route::get('edit-user/{id}',[AdminController::class, 'editUser']);

Route::post('update-user',[AdminController::class, 'updateUser']);

Route::get('delete-user/{id}',[AdminController::class, 'deleteUser']);



Route (File) name as you create

Post method form theke data nite use kore. Baki sob khane get method

Controller name as you creat

Function name as you create



