MODULE 7 QUESTION AND ANSWER:

(1)Create Following Routes.(for frontend side application)

a) Home page

b) About us

c) Contact us

d) Gallery

e) Registration

f) Login

a) Home page route:

=> Route::get('/home', function () {

return view('website.home');

});

b) About us route:

=> Route::get('/about', function () {

return view('website.about');

});

c) Contact us route:

=> Route::get('/contact', function () {

return view('website.contact');

});

d) Gallery route:

=> Route::get('/gallery', function () {

return view('website.gallery');

});

e) Registration route

=> Route::get('/Registration , function () {

return view('website.Registration );

});

f) Login route:

=> Route::get('/Login , function () {

return view('website.Login );

});

(2)How to pass Multiple Variable in route?

=>

Route::get('users/{user\_id}/posts/{post\_id}',[UserController::class, 'show'])->name("users.posts.show");

(3) How to pass variable which can be null in Route?

=>Route::delete('/student/{products?}',[student\_controller::class,'index']);

(4) Create custom auto using middleware.

=>**Step 1 – Creating Middleware**

php artisan make:middleware employeeafterlogin

**Step 2 – Registering Middleware**

app/Http/Kernel.php

<?php

namespace App\Http;

use Illuminate\Foundation\Http\Kernel as HttpKernel;

class Kernel extends HttpKernel

{

....

protected $routeMiddleware = [

....

'employeeafterlogin' => \App\Http\Middleware\employeeAfterLogin::class,

];

}

**Step 3 – Create Code For Middleware**

app/Http/Middleware/employeeAfterLogin.php

<?php

namespace App\Http\Middleware;

use Closure;

use Illuminate\Http\Request;

class employeeAfterLogin

{

/\*\*

\* Handle an incoming request.

\*

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

\* @param \Closure(\Illuminate\Http\Request): (\Illuminate\Http\Response|\Illuminate\Http\RedirectResponse) $next

\* @return \Illuminate\Http\Response|\Illuminate\Http\RedirectResponse

\*/

public function handle(Request $request, Closure $next)

{

if (session()->has('userid')) {

return redirect('/');

}

return $next($request);

}

}

**Step 4 – Using Middleware With Route**

**In web.php**

Route::get('/register', [employeeController::class, 'index'])->middleware('employeeafterlogin');

Route::get('/login', [employeeController::class, 'login'])->middleware('employeeafterlogin')

(4) Generate Resource Controller for employee.

=>We can create resource controller for employee by using following command

=>php artisan make:controller EmployeeController --resource

(5)In Employee Controller‟s action Call Middleware

=> <?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class EmployeeController extends Controller

{

// Add middleware in constructor of controller

public function \_\_construct()

{

$this->middleware('auth');

}

}

?>

(6)How to remove route caching?

=> To remove route cache in Laravel use the given below command:

=>php artisan route:cache

(7) Create Custom Macro For search User

=> **In the App\Providers\AppServiceProvider** add a following code :

use Illuminate\Database\Eloquent\Builder;

Builder::macro('search', function(string $attribute, string $searchTerm) {

return $this->where($attribute, 'LIKE', "%{$searchTerm}%");

});

Now, if you want to add a search, **to the User model and every model**, use the macro like :

// searching a single column

User::search('name', $searchTerm)->get();

// searching on multiple columns in one go

User::query()

->search('user', 'vaibhav')

->search('email', 'vp@123gmail.com')

->get();

;