MODULE – 7(Laravel)

1. How to pass Multiple Variable in route?

Ans : - We pass simple parameter and key value parameter throw routes and it get in control ler method throw parameter key or name.

**Laravel provide two type of parameters.**

1. Route required parameter
2. Route optional parameter

* **Route required parameter**

When we use required parameter than its value pass in route else we get error.Firstly these parameter key name define in routes web.php file than we get its value in controller method by corresponding key name.Let an example -

**web.php file**

1. Route::get('student-detail/{id}/{parameter}',[StudentController::class,'detail'])->name('student.detail');

**Controller**

1. <?php
2. namespace App\Http\Controllers;
3. use Illuminate\Http\Request;
4. class StudentController extends Controller{
5. public function detail(Request $request){
6. $id = $request->id;
7. $parameter = $request->parameter;
8. }
9. }

**view file**

**In view file we define our route.**

1. <a href="{{ route('student.detail', ['id' => 5, 'parameter' => 'advanced-web-hindi']) }}">Student detail</a>

**thus here two parameter(id and parameter) pass and both required if any miss than it give error where we call route.**

* **Route optional parameter**

The second type of route parameter is otional as its name these parameter are optional if we not give its value than it not give error.Let an example of optional parameter.

**web.php file**

**for make an parameter to optional give a question mark sign after parameter.**

1. Route::get('student-detail/{id?}/{parameter?}',[StudentController::class,'detail'])->name('student.detail');

**view file**

In view file we also give some parameter that are not define in our route these parameter show after question mark sign in url.

1. <a href="{{ route('student.detail', ['id' => 5, 'parameter' => 'advanced-web-hindi', 'name' => 'anmol']) }}">Student detail</a>
2. <?php
4. namespace App\Http\Controllers;
5. use Illuminate\Http\Request;
7. class StudentController extends Controller{
8. public function detail(Request $request){
9. $id = $request->id;
10. $parameter = $request->parameter;
11. $name = $request->name;
12. }
13. }

2. How to pass variable which can be null in Route?

**Clear Route Cache**

To clear route cache of your Laravel application run the following artisan command:

php artisan route:clear

Thus, we will create special routes to clear cache in Laravel.

// Clear application cache:

Route::get('/clear-cache', function() {

Artisan::call('cache:clear');

return 'Application cache has been cleared';

});

//Clear route cache:

Route::get('/route-cache', function() {

Artisan::call('route:cache');

return 'Routes cache has been cleared';

});

//Clear config cache:

Route::get('/config-cache', function() {

Artisan::call('config:cache');

return 'Config cache has been cleared';

});

// Clear view cache:

Route::get('/view-clear', function() {

Artisan::call('view:clear');

return 'View cache has been cleared';

});

2. How to pass variable which can be null in Route?

**example without route parameters.**

<?php

1. Route::get('/', **function**()
2. {
3. **return** "This is a home page";
4. }
5. );
6. Route::get('/about', **function**()
7. {
8. **return** "This is a about us page";
9. }
10. );
11. Route::get('/contact', **function**()
12. {
13. **return** "This is a contact us page";
14. }
15. );