

CS 208: Web Technology - II Assignment #8

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Gandaki University February 22, 2023

1 Introduction

1. Creating a controller

Command Line

```
php artisan make:controller HelloController
```

2. Creating a View

Use Blade Templates in the view. File Location for views:

```
resources/views
```

2 Lab Objectives

1. To learn the basic use of Controller in Laravel.
2. To learn the basic use of View in Laravel

3 Examples

routes/web.php

web.php

```
use App\Http\Controllers\UserController;

Route::get('/user/{id}', [UserController::class, 'show']);
```

app/Http/Controllers/UserController.php

UserController.php

```
<?php
namespace App\Http\Controllers;
use App\Models\User;

class UserController extends Controller
{
    /**
     * Show the profile for a given user.
     */
    public function show(string $id)
    {
        echo "The person is ". $id;
    }
}
```

routes/web.php

web.php

```
Route::get('/myview', function () {
    return view('greeting', ['name' => 'Rocky']);
});
```

resources/views/greeting.blade.php

greeting.blade.php

```
<html>
    <body>
        <h1>Hello, {{ $name }}</h1>
        <h2> Welcome, {{$name}} to Gandaki University </h2>
    </body>
</html>
```

4 Questions

Question 1

Implement the following methods in your Controller Class to render the request object.

function.php

```
public function showPath(Request $request) {  
    $uri = $request->path();  
    echo '<br>URI: ' . $uri;  
  
    $url = $request->url();  
    echo '<br>';  
  
    echo 'URL: ' . $url;  
    $method = $request->method();  
    echo '<br>';  
  
    echo 'Method: ' . $method;  
}
```

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Question 2

1. Build a form using suitable route path and View Template.
2. Use Post Method in another route path to activate a controller.
3. The controller displays the submitted form fields



Info: Use Question No. 1 answer for reference. For forms, while building template files remember to use @csrf. To get the formField with name = "password" the equivalent method will be:

```
$name = $request->query('password');
```

formFields

```
First name (Text) -> fname  
Last Name (Text) -> lname  
Gender (radio Select) -> gender  
Subject Of Interests (checkbox - Multiple values) -> subjects
```