**Web development with php & laravel**

**Assignment of Module - 14**

**Assignment Title: Assignment**

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**1.Question:** You have a Laravel application with a form that submits user information using a POST request. Write the code to retrieve the 'name' input field value from the request and store it in a variable called $name.

// Retrieve the 'name' input field value from the request

$name = $request->input('name');

**2. Question:** In your Laravel application, you want to retrieve the value of the 'User-Agent' header from the current request. Write the code to accomplish this and store the value in a variable called $userAgent.

// Retrieve the 'User-Agent' header value from the current request

$userAgent = $request->header('User-Agent');\

**3. Question:** You are building an API endpoint in Laravel that accepts a GET request with a 'page' query parameter. Write the code to retrieve the value of the 'page' parameter from the current request and store it in a variable called $page. If the parameter is not present, set $page to null.

// Retrieve the value of the 'page' query parameter from the current request

$page = $request->query('page', null);

**4. Question:** Create a JSON response in Laravel with the following data:

{

    "message": "Success",

    "data": {

        "name": "John Doe",

        "age": 25

    }

}

**//php\_file**

$data = [

'message' => 'Success',

'data' => [

'name' => 'John Doe',

'age' => 25

]

];

return response()->json($data);

**//json\_file**

{

"message": "Success",

"data": {

"name": "John Doe",

"age": 25

}

}

**5. Question:** You are implementing a file upload feature in your Laravel application. Write the code to handle a file upload named 'avatar' in the current request and store the uploaded file in the 'public/uploads' directory. Use the original filename for the uploaded file.

if ($request->hasFile('avatar')) {

$file = $request->file('avatar');

$fileName = $file->getClientOriginalName();

$file->move('public/uploads', $fileName);

}

**6. Question:** Retrieve the value of the 'remember\_token' cookie from the current request in Laravel and store it in a variable called $rememberToken. If the cookie is not present, set $rememberToken to null.

// Retrieve the value of the 'remember\_token' cookie from the current request

$rememberToken = $request->cookie('remember\_token', null);

**7. Question:** Create a route in Laravel that handles a POST request to the '/submit' URL. Inside the route closure, retrieve the 'email' input parameter from the request and store it in a variable called $email. Return a JSON response with the following data:

{

    "success": true,

    "message": "Form submitted successfully."

}

use Illuminate\Http\Request;

use Illuminate\Support\Facades\Route;

Route::post('/submit', function (Request $request) {

$email = $request->input('email');

return response()->json([

'success' => true,

'message' => 'Form submitted successfully.',

]);

});