**A Controller to Handle Form Data**

Modify app/Http/Controllers/FormController.php:--

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class FormController extends Controller

{

// Show the form

public function showForm()

{

return view('register');

}

// Handle form submission

public function submitForm(Request $request)

{

$validatedData = $request->validate([

'name' => 'required|min:3',

'email' => 'required|email|unique:users',

'password' => 'required|min:6|confirmed',

'profile\_picture' => 'required|image|mimes:jpeg,png,jpg,gif|max:2048',

]);

if ($request->hasFile('profile\_picture')) { $imagePath = $request->file('profile\_picture')->store('profile\_pictures', 'public'); }

return back()->with('success', 'Registration successful!');

}

}

A **Blade View for the Form:---**

Create a new file resources/views/register.blade.php:---

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Register</title>

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">

</head>

<body>

<div class="container mt-5">

<h2>Register</h2>

@if(session('success'))

<div class="alert alert-success">{{ session('success') }}</div>

@endif

<form action="{{ url('/register') }}" method="POST" enctype="multipart/form-data">

@csrf

<div class="mb-3">

<label for="name" class="form-label">Name:</label>

<input type="text" class="form-control" name="name" value="{{ old('name') }}">

@error('name')

<div class="text-danger">{{ $message }}</div>

@enderror

</div>

<div class="mb-3">

<label for="email" class="form-label">Email:</label>

<input type="email" class="form-control" name="email" value="{{ old('email') }}">

@error('email')

<div class="text-danger">{{ $message }}</div>

@enderror

</div>

<div class="mb-3">

<label for="password" class="form-label">Password:</label>

<input type="password" class="form-control" name="password">

@error('password')

<div class="text-danger">{{ $message }}</div>

@enderror

</div>

<div class="mb-3">

<label for="password\_confirmation" class="form-label">Confirm Password:</label>

<input type="password" class="form-control" name="password\_confirmation">

</div>

<button type="submit" class="btn btn-primary">Register</button>

</form>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<script>

$(document).ready(function() {

$("#registrationForm").submit(function(e) {

e.preventDefault();

$.ajax({

url: "{{ url('/register') }}",

method: "POST",

data: $(this).serialize(),

success: function(response) {

alert(response.message);

},

error: function(response) {

alert("Error: " + response.responseJSON.message);

}

});

});

});

</script>

</div>

</body>

</html>