

FORM Request

১. Route বানালাম



```
1 //Show to form
2 Route::get('/form-show',[FormController::class,'form_show']->name('form-show'));
3 //Submit the form
4 Route::post('/form-submit',[FormController::class,'form_submit']->name('form-submit'));
```


২. Controller বানালাম:

```
1 class FormController extends Controller
2 {
3     //show form
4     public function form_show()
5     {
6         return view('forms.form');
7     }
8     public function form_submit(Request $request)
9     {
10        //Validation
11        $validated = $request->validate(
12            [
13                'name' => 'required|string|max:255',
14                'email' => 'required|email',
15                'price' => 'required|numeric|min:0|max:1000',
16            ],
17            [
18                'name.required' => 'The name field is mandatory.',
19                'name.string' => 'The name must be a valid string.',
20                'name.max' => 'The name must not exceed 255 characters.',
21                'email.required' => 'The email field is mandatory.',
22                'email.email' => 'Please provide a valid email address.',
23                'price.required' => 'The price field is mandatory.',
24                'price.numeric' => 'The price must be a valid number.',
25                'price.min' => 'The price must be at least 0.',
26                'price.max' => 'The price not greater than 1000 boss.',
27            ],
28        );
29        //return redirect()->route('home')->with('success', 'Form Submitted Successfully!');
30        //return redirect()->route('home');
31        return back()->with('success', 'Form Submitted Successfully!');
32    }
```

Return back() এর মাধ্যমে /for-show এর submit button এ ক্লিক করার পর /form-submit এ যাবে -> ডাটা validate হওয়ার পর ->return back() পাবে এবং পূর্বের পেইজ এ চলে যাবে অর্থাৎ /form-show তে যাবে।

এখানে 'session' এ 'success' variable এ (\$SESSION['success']='message') message set হবে। যা /form-show এর blade এ show করানোর পর flash হয়ে যাবে।

Example Flow

- User Action:**
User visits `/form-show` to view the form.
- Form Submission:**
The form is submitted to `/form-submit` .
- Validation Passes:**
The `form_submit` method validates the data and executes `return back()->with('success', 'Form Submitted Successfully!')` .
- Redirect Behavior:**
The user is redirected back to `/form-show` because that is the previous page.

Blade File({{old('name')}}) old এর মাধ্যমে আমরা পুরাতন value পাব।

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5     <meta charset="UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <meta http-equiv="X-UA-Compatible" content="ie=edge">
8     <title>Bootstrap Form</title>
9     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet"
10         integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhJy6hW+ALEwIH" crossorigin="anonymous">
11 </head>
12
13 <body>
14     <div class="container mt-5">
15         <div class="row justify-content-center">
16             <div class="col-md-6">
17                 <h2 class="text-center mb-4">Form</h2>
18
19                 @if (session('success'))
20                     <div class="alert alert-success alert-dismissible fade show" role="alert">
21                         {{ session('success') }}
22                         <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
23                     </div>
24                 @endif
25
26                 <!-- Error Messages -->
27                 @if ($errors->any())
28                     @foreach ($errors->all() as $error)
29                         <!-- Red Row for Error Message -->
30                         <div class="alert alert-danger mb-0">
31                             {{ $error }}
32                         </div>
33                         <!-- Spacer Row (Not Red) -->
34                         <div class="mb-3"></div>
35                     @endforeach
36                 @endif
37
38
39
40
41
42
43                 <!-- Form -->
44                 <form action="{{ route('form-submit') }}" method="POST" class="card p-4 shadow">
45                     @csrf
46                     <div class="mb-3">
47                         <label for="name" class="form-label">Name:</label>
48                         <input type="text" name="name" id="name" class="form-control"
49                             value="{{ old('name') }}">
50                     </div>
51                     <div class="mb-3">
52                         <label for="email" class="form-label">Email:</label>
53                         <input type="email" name="email" id="email" class="form-control"
54                             value="{{ old('email') }}">
55                     </div>
56                     <div class="mb-3">
57                         <label for="price" class="form-label">Price:</label>
58                         <input type="number" name="price" id="price" class="form-control"
59                             value="{{ old('price') }}">
60                     </div>
61                     <!-- Submit Button -->
62                     <div class="d-grid">
63                         <button type="submit" class="btn btn-primary">Submit</button>
64                     </div>
65                 </form>
66             </div>
67         </div>
68     </div>
69 </body>
70
71 </html>
72
```

Form

The price not greater than 1000 boss.

Name:

Email:

Price:

Submit

Form

Form Submitted Successfully!

Name:

Email:

Price:

Submit

FORMREQUEST

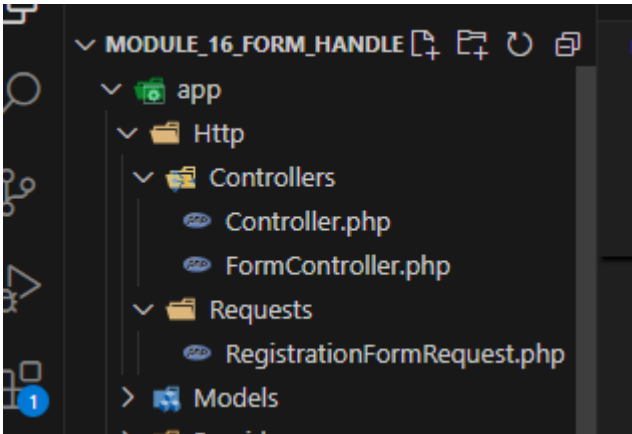
FormValidation এর Rule গুলো অন্য জায়গায় কিভাবে সেট করব।

১.Request বানাব।

```
User@DESKTOP-TSJIMAQ MINGW64 /c/xampp/htdocs/module_16_form_handle
$ php artisan make:request RegistrationFromRequest

INFO Request [C:\xampp\htdocs\module_16_form_handle\app\Http\Requests\RegistrationFromRequest.php] created successfully.
```

২.



৩.Route বানালাম

```
1 Route::get('/registration-form-show',[FormController::class,'registration_form_show'])->name('registration-form-show');
2 Route::post('/registration-form-submit',[FormController::class,'registration_form_submit'])->name('registration-form-submit');
```

8.RegistrationController বানালাম।

```
1  <?php
2
3  namespace App\Http\Requests;
4
5  use Illuminate\Foundation\Http\FormRequest;
6
7  class RegistrationFromRequest extends FormRequest
8  {
9
10     public function authorize(): bool
11     {
12         return false;
13     }
14
15
16     public function rules(): array
17     {
18         return [
19             'name' => 'required|string|max:255',
20             'email' => 'required|email|max:255',
21             'price' => 'required|numeric|min:0',
22         ];
23     }
24     public function messages()
25     {
26         return [
27             'name.required' => 'The name field is required.',
28             'name.string' => 'The name must be a valid string.',
29             'name.max' => 'The name must not exceed 255 characters.',
30             'email.required' => 'The email field is required.',
31             'email.email' => 'Please provide a valid email address.',
32             'email.max' => 'The email must not exceed 255 characters.',
33             'price.required' => 'The price field is required.',
34             'price.numeric' => 'The price must be a valid number.',
35             'price.min' => 'The price must be at least 0.',
36         ];
37     }
38 }
39
```

৫. FormController

RegistrationFormRequest ব্যবহার করার কারনে এখানে Validation করতে হবে না।



```
1 public function registration_form_show(){
2     return view('forms.registrationForm');
3 }
4 public function registration_form_submit(RegistrationFormRequest $request){
5     //this is for getting validated data
6     //$validatedData=$request->validated();
7     return back()->with('success', 'Form Submitted Successfully!');
8 }
```



```

1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5     <meta charset="UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <meta http-equiv="X-UA-Compatible" content="ie=edge">
8     <title>Bootstrap Form</title>
9     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet"
10         integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMHjY6hW+ALEwIH" crossorigin="anonymous">
11 </head>
12
13 <body>
14     <div class="container mt-5">
15         <div class="row justify-content-center">
16             <div class="col-md-6">
17                 <h2 class="text-center mb-4">Form</h2>
18
19                 @if (session('success'))
20                     <div class="alert alert-success alert-dismissible fade show" role="alert">
21                         {{ session('success') }}
22                         <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
23                     </div>
24                 @endif
25
26
27                 <!-- Error Messages -->
28                 @if ($errors->any())
29                     @foreach ($errors->all() as $error)
30                         <!-- Red Row for Error Message -->
31                         <div class="alert alert-danger mb-0">
32                             {{ $error }}
33                         </div>
34                         <!-- Spacer Row (Not Red) -->
35                         <div class="mb-3"></div>
36                     @endforeach
37                 @endif
38
39
40
41
42
43                 <!-- Form -->
44                 <form action="{{ route('form-submit') }}" method="POST" class="card p-4 shadow">
45                     @csrf
46                     <div class="mb-3">
47                         <label for="name" class="form-label">Name:</label>
48                         <input type="text" name="name" id="name" class="form-control"
49                             value="{{ old('name') }}">
50                     </div>
51                     <div class="mb-3">
52                         <label for="email" class="form-label">Email:</label>
53                         <input type="email" name="email" id="email" class="form-control"
54                             value="{{ old('email') }}">
55                     </div>
56                     <div class="mb-3">
57                         <label for="price" class="form-label">Price:</label>
58                         <input type="number" name="price" id="price" class="form-control"
59                             value="{{ old('price') }}">
60                     </div>
61                     <!-- Submit Button -->
62                     <div class="d-grid">
63                         <button type="submit" class="btn btn-primary">Submit</button>
64                     </div>
65                 </form>
66             </div>
67         </div>
68     </div>
69 </body>
70
71 </html>

```

Form

Name:

Email:

Price:

Submit

Form

Form Submitted Successfully!



Name:

Email:

Price:

Submit