# **Laravel Data Validation**

Validating data fields before passing it to Database

## **Overview**

It’s important to validate our data upon data submission to database. We need to validate our data to avoid certain circumstances like hacking, data leaks, and possible errors. [See here](https://laravel.com/docs/8.x/validation)

## **Ready Validation Function**

* Validate()

### validate()

The validate() function is coming from the controller that we extends at our own controller see below.

class TodosController extends Controller //<-- extends Controller Class

{

The extends Controller class is in the “**app/Http/Controllers.php**”. It uses validate traits AuthorizesRequests, DispatchesJobs, ValidatesRequests;

namespace App\Http\Controllers;

use Illuminate\Foundation\Auth\Access\AuthorizesRequests;

use Illuminate\Foundation\Bus\DispatchesJobs;

use Illuminate\Foundation\Validation\ValidatesRequests;

use Illuminate\Routing\Controller as BaseController;

class Controller extends BaseController

{

    use AuthorizesRequests, DispatchesJobs, ValidatesRequests;

}

#### **Argument**

validate(request(), [array rules], [array messages], [array CustomAttribures]);

$this->validate(request(),

[

'name' => 'required',

          'description' => 'required'

]

);

#### **Display Errors**

To display errors in our client side form of creating todo. You can it above the form or call each error by the validation template of Laravel

@if($errors->any())

   <ul class="alert alert-danger">

       @foreach($errors->all() as $error)

             <li class="list-group-item">{{ $error }}</li>

       @endforeach

    </ul>

@endif

#### **Adding new rules**

You can add new rules in one field by adding pipe line “**|**” to separate the rules in **validate() function.** See below the example.

$this->validate(request(),

    [

      'name' => 'required|min:6|max:12', //same here

        'description' => 'required'

    ]

);

