Validating with Custom Request Classes

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Summary

Validate with Form Request Classes

Make a new form request class for validating user input

```
php artisan make:request PostFormRequest
```

Define input validation rules inside of the *rules* method.

```php
class PostFormRequest extends FormRequest {
    public function authorize() { return true; }
    public function rules() {
        return [
            'title' => 'required',
            'description' => ['required', 'min:10'],
        ];
    }
}
```

app/Http/Requests/PostFormRequest.php

Validate with Form Request Classes

```php
use App\Http\Requests\PostFormRequest;

public function store(PostFormRequest $request)
{
    $validated = $request->validated();


    ...
}
```

Validate with Form Request Classes

```php
use App\Http\Requests\PostFormRequest;

public function store(PostFormRequest $request)
{
    $validated = $request->validated();
    $post = Post::create($validated);

    ...

}

public function update(PostFormRequest $request, Post $post)
{
    $validated = $request->validated();
    $post->update($validated);

    ...
```

Mass Assignment

```php
use App\Http\Requests\PostFormRequest;

public function store(PostFormRequest $request)
{

    $validated = $request->validated();
    $post = Post::create($validated);

    ...

}


public function update(PostFormRequest $request, Post $post)
{
  $validated = $request->validated();
  $post->update($validated);

  ...
```

Mass Assignment

Define which properties can be mass assigned inside of the *fillable* model property

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Post extends Model
{
    use HasFactory;

    protected $fillable = ['title', 'description'];
}
```

app/Models/Post.php

Resource-oriented Workflow

Create a "post" resource model, migration, resource controller and form request classes

```
php artisan make:model Post --migration --controller
--resource --requests
```

Alternative shortcut for the same command

```
php artisan make:model Post --crRm
```

Resource controller actions will automatically type-hint the appropriate model class for route model binding and both form request classes for storing and updating resource instances

Up Next:
Implementing Authentication