Jobsheet 12: File Upload

Dosen Pengampu Mata Kuliah:

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Dibuat Oleh:

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Politeknik Negeri Malang Jurusan Teknologi Informasi D-IV Teknik Informatika 2024

A.

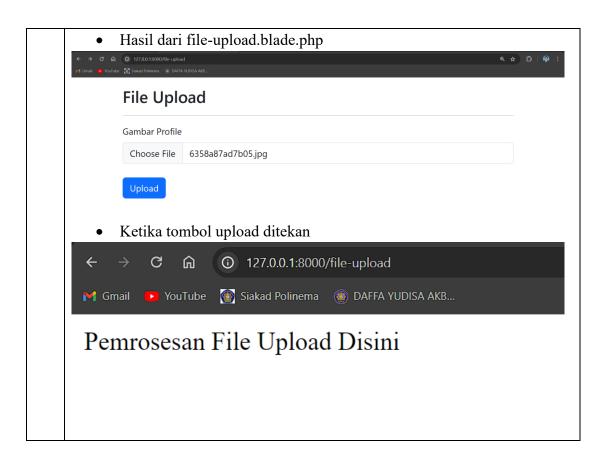
1. Membuat beberapa file yang diperlukan, yang pertama controller: ph make:controller FileUploadController PS C:\laragon\ww\PML_POS> php artisan make:controller FileUploadController PS C:\laragon\ww\PML_POS> php artisan make:controller FileUploadController.php] created successf PS C:\laragon\ww\PML_POS> 2. Buat 2 buah method yaitu method fileUpload() dan prosesFileUpload. fileUpload() berisi kode program yang akan memanggil file view file blade.php. Sedangkan method prosesFileUpload() untuk mempros submit form. PS FileUploadController.php U X app > Http > Controllers > PileUploadController.php > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephense > PHP Intelephens	Method
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<pre>1 <?php 2 3 namespace App\Http\Controllers; 4 5 use Illuminate\Http\Request; 6 7 class FileUploadController extends Controller 8</pre></pre>	
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<pre>5 use Illuminate\Http\Request; 6 7 class FileUploadController extends Controller 8 {</pre>	
7	
8 []	
nublic function fileInload()	
10 {	
return view('file-upload');	
12 } 13	
public function prosesFileUpload(Request \$request)	
15 { return "Pemrosesan File Upload Disini";	

3. Membuat route pada web.php

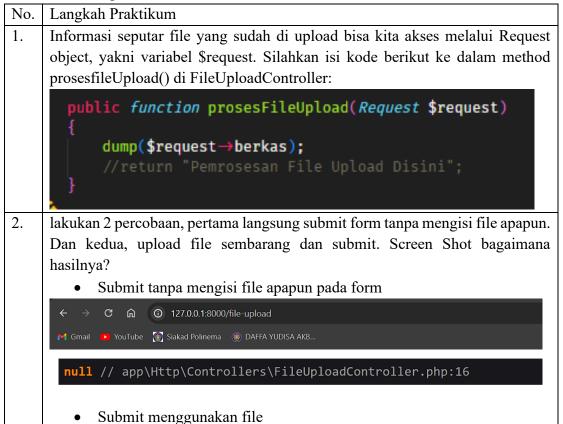
```
Route::get('/file-upload', [FileUploadController::class, 'fileUpload']);
Route::post('/file-upload', [FileUploadController::class, 'prosesFileUpload']);
```

Membuat File View file-upload.blade.php dengan kode sebagai berikut : 4.

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



B. Informasi File Upload



3. Berikut cara mengambil beberapa info (app/Http/Controllers/FileUploadCont roller.php) dari file yang di upload:

4. Lakukan percobaan upload file sehingga akan muncul keterangan sbb:

```
Fig. 127.0.0.1:8000/file-upload

Path(): C:\Users\victu\AppData\Local\Temp\phpC678.tmp

| Example | Examp
```

C. Validasi File Upload

No. Langkah Praktikum

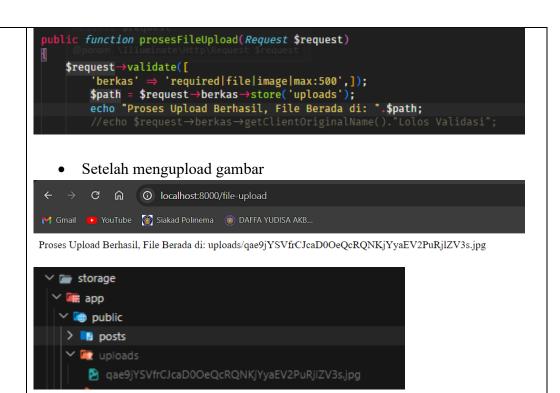
1. Membuat validasi file upload mirip seperti cara membuat validasi inputan form biasa, yakni menggunakan method \$request->validate(). Berikut contoh penggunaannya: (app/Http/Controllers/FileUploadController.php)

public function prosesFileUpload(Request \$request)

2. Syarat validasi selanjutnya adalah membatasi jenis file dan maksimal ukuran file

D. Memindah File Upload

N	Langkah Praktikum
o.	
1.	Cara pertama adalah menggunakan method store() yang bisa diakses dari
	Request object. Berikut contoh penggunaannya:



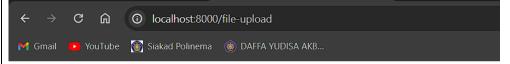
Bagaimana jika kita tetap ingin membuat nama file sendiri? Tidak masalah, Laravel menyediakan method storeAs() untuk keperluan ini. Berikut contoh penggunaannya:

```
public function prosesFileUpload(Request $request)

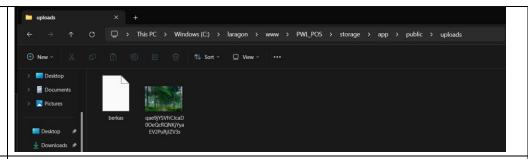
$request→validate([
    'berkas' ⇒ 'required|file|image|max:5000',]);
    //$path = $request→berkas→store('uploads');

$path = $request→berkas→storeAs('uploads', 'berkas');
    echo "Proses Upload Berhasil, File Berada di: ".$path;
    //echo $request→berkas→getClientOriginalName()."Lolos Validasi";
```

Setelah mengupload gambar



Proses Upload Berhasil, File Berada di: uploads/berkas



2. Mengambil nama file dari fungsi getClientOriginalName() seperti contoh berikut: (app/Http/Controllers/FileUploadController.php)

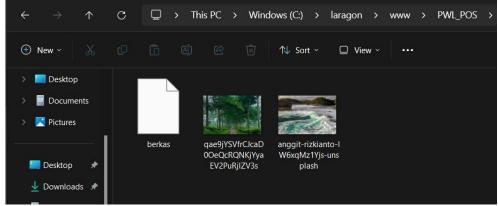
```
public function prosesFileUpload(Request $request)

$request \rightarrow validate([
    'berkas' \Rightarrow 'required|file|image|max:5000',]);
    //$path = $request \rightarrow berkas \rightarrow store('uploads');
    $namaFile = $request \rightarrow berkas \rightarrow getClientOriginalName();
    $path = $request \rightarrow berkas \rightarrow storeAs('uploads', $namaFile);
    echo "Proses Upload Berhasil, File Berada di: ".$path;
    //echo $request \rightarrow berkas \rightarrow getClientOriginalName()."Lolos Validasi";
```

• Setelah mengupload gambar



Proses Upload Berhasil, File Berada di: uploads/anggit-rizkianto-lW6xqMz1Yjs-unsplash.jpg

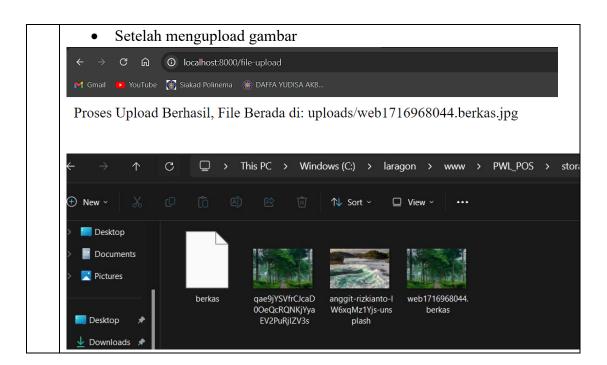


3. Cara lain adalah dengan meng-generate nama acak sendiri. Sebagai contoh, membuat nama file upload berdasarkan nama user, ditambah dengan digit acak dari fungsi time(). Berikut kode programnya:

 $\underline{(app/Http/Controllers/FileUploadController.php)}$

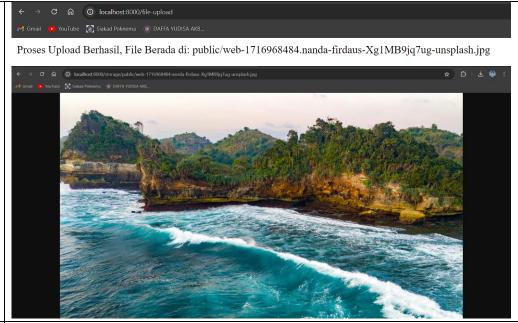
```
public function prosesFileUpload(Request $request)

$request \rightarrow validate([
    'berkas' \Rightarrow 'required|file|image|max:5000',]);
    //$path = $request \rightarrow berkas \rightarrow setClientOriginalName();
    $namaFile = 'web'.time().".".$extfile;
    $path = $request \rightarrow berkas \rightarrow storeAs('uploads', $namaFile);
    echo "Proses Upload Berhasil, File Berada di: ".$path;
    //echo $request \rightarrow berkas \rightarrow getClientOriginalName()."Lolos Validasi";
```



E. Membuat Symlink





3. Menambahkan link agar gambar dapat diakses, tambahkan kode pada method prosesFileUpload:

```
public function prosesFileUpload(Request $request)

$request→validate([
    'berkas' ⇒ 'required|file|image|max:5000',]);
    //$path = $request→berkas→store('uploads');
    $extfile = $request→berkas→getClientOriginalName();
    $namaFile = 'web-'.time().".".$extfile;
    $path = $request→berkas→storeAs('public', $namaFile);

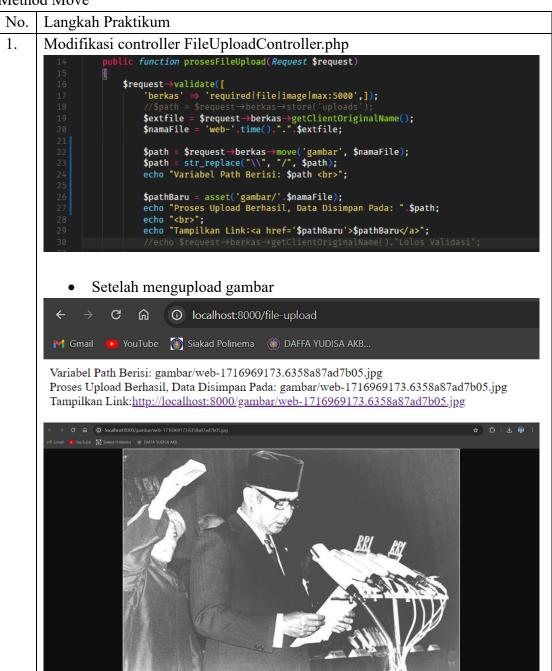
$pathBaru = asset('storage/'. $namaFile);
    echo "Proses Upload Berhasil, File Berada di: ".$path;
    echo "dbr>";

echo "Tampilkan Link:<a href='$pathBaru'>$pathBaru</a>";

//echo $request→berkas→getClientOriginalName()."Lolos Validasi";
```



F. Method Move



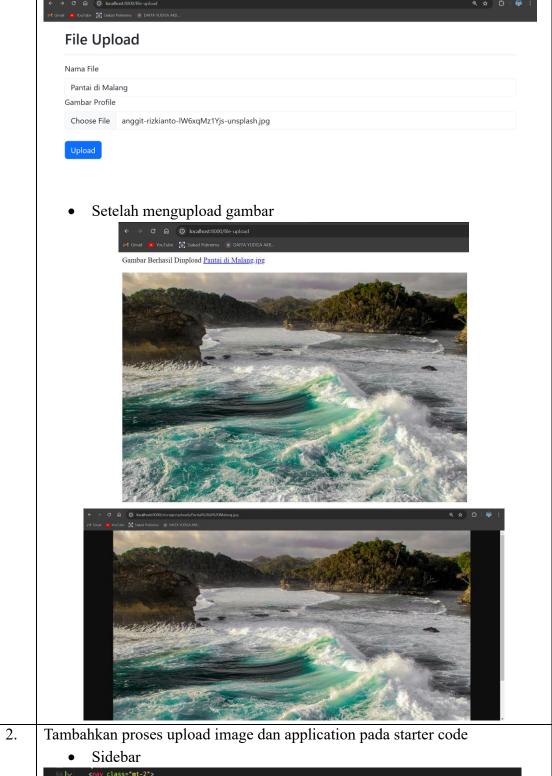
Tugas

No.	Langkah Pengerjaan
1.	Buat form file upload dimana kita bisa menentukan sendiri nama file akhir.
	Nama file ini diambil dari inputan text box yang juga ada di dalam form tersebut. Setelah di submit, langsung tampilkan file tersebut di web browser.
	• Controller

Views

Output





```
cnav class="mt-2">
cul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu" data-accordion="false">
cul class="nav-header">
cli class="nav-header">
cli class="nav-header">
cli class="nav-lem">
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cli class="na
```

Controller

```
namespace App\Http\Controllers;
use Illuminate\Http\Request;
{\it class} {\it FileUploadController} extends {\it Controller}
              $breadcrumb = (object)[
  'title' ⇒ 'File Upload',
  'list' ⇒ ['Home', 'File Upload']
              $page = (object) [
   'title' ⇒ 'Gunakan Untuk Mengupload File Gambar'
              $activeMenu = 'fileUpload';
              return view('file-upload', [
'breadcrumb' ⇒ $breadcrumb,
'page' ⇒ $page,
'activeMenu' ⇒ $activeMenu,
       public function prosesFileUpload(Request $request)
              $request→validate([
    'namaBaruFile' ⇒ 'required',
    'berkas' ⇒ 'required|file|image|max:5000',
                      $extfile = $request→berkas→getClientOriginalExtension();
$namaFile = $request→namaBaruFile.".".$extfile;
$path = $request→berkas→storeAs('uploads', $namaFile);
                      $breadcrumb = (object)[
   'title' ⇒ 'File Gambar Preview',
   'list' ⇒ ['Home', 'File Preview']
                      $page = (object) [
   'title' ⇒ 'Preview dari Gambar yang Telah Diupload'
                      $activeMenu = 'fileUpload';
                      return view('file-preview', [
    'namaFile' ⇒ $namaFile,
    'path' ⇒ $path,
    'breadcrumb' ⇒ $breadcrumb,
    'page' ⇒ $page,
    'activeMenu' ⇒ $activeMenu,
```

Views For Upload

```
| Testing | Test
```

• Views For Preview

