


FRAMEWORK PHP: LARAVEL

UPLOAD AND DOWNLOAD IMAGE/FILE

KL PEMROGRAMAN WEB LANJUT

1. Tambahkan **tabel uploads** di database yang sudah pernah dibuat. Anda dapat menggunakan cara migration atau langsung menambahkan di phpmyadmin.

Name	Type	Collation	Attributes	Null	Default	Extra
id 	int(11)			No	None	AUTO_INCREMENT
name	varchar(255)	latin1_swedish_ci		No	None	
image	varchar(255)	latin1_swedish_ci		No	None	
file	varchar(255)	latin1_swedish_ci		No	None	
created_at	timestamp		on update CURRENT_TIMESTAMP	No	CURRENT_TIMESTAMP	ON UPDATE CURRENT_TIMESTAMP
updated_at	timestamp			No	0000-00-00 00:00:00	

2. Buat routing untuk **upload** di file **web.php** dalam folder routes

```
Route::get('upload', ['as' => 'upload.index', 'uses' => 'UploadController@index']);
Route::get('upload/create', ['as' => 'upload.create', 'uses' => 'UploadController@create']);
Route::post('upload', ['as' => 'upload.store', 'uses' => 'UploadController@store']);
```

3. Buat model **Upload.php** di folder **app**, dengan mengetikkan syntax berikut dalam cmd: **php artisan make:model Upload**.
4. Modifikasi model **Upload.php**.

```
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Upload extends Model
{
    protected $table = 'uploads';

    public $fillable = ['name', 'image', 'file'];
}
```

5. Buat controller **UploadController.php** di folder **app/Http/Contollers**, dengan mengetikkan syntax berikut dalam cmd: **php artisan make:controller UploadController**.
6. Buat **function create** dalam controller **UploadController.php** untuk menampilkan form upload.

```
public function create()
{
    return view('uploads.create');
}
```

7. Buat **folder uploads** di **resources/views**.

8. Buat view **create.blade.php** di folder **resources/views/uploads**.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <!-- Bootstrap 3.3.7 -->
  <link rel="stylesheet" href="{{ asset('AdminLTE/bower_components/bootstrap/dist/css/
bootstrap.min.css') }}">
</head>
<body>
  <div class="container">
    <div class="row">
      <div class="col-md-8 col-md-offset-2">
        <h1>Upload Image & File</h1>

        @if (count($errors) > 0)
          <div class="alert alert-danger">
            <strong>Sorry!</strong> Something wrong with your input data.<br><br>
            <ul>
              @foreach ($errors->all() as $error)
                <li>{{ $error }}</li>
              @endforeach
            </ul>
          </div>
        @endif

        {!! Form::open(array('route' => 'upload.store','method'=>'POST', 'files'=>true)) !!}
        <div class="row">
          <div class="col-xs-12 col-sm-12 col-md-12">
            <div class="form-group">
              <strong>Name:</strong>
              {!! Form::text('name', null, array('placeholder' => 'Name','class' => 'form-control')) !!}
            </div>
          </div>
          <div class="col-xs-12 col-sm-12 col-md-12">
            <div class="form-group">
              <strong>Image:</strong>
              {!! Form::file('image', null, array('class' => 'custom-file-control')) !!}
            </div>
          </div>
          <div class="col-xs-12 col-sm-12 col-md-12">
            <div class="form-group">
              <strong>File:</strong>
              {!! Form::file('file', null, array('class' => 'custom-file-control')) !!}
            </div>
          </div>
          <div class="col-xs-12 col-sm-12 col-md-12 text-center">
            <button type="submit" class="btn btn-primary">Submit</button>
          </div>
        </div>
        {!! Form::close() !!}
      </div>
    </div>
  </div>
</body>
</html>
```

9. Coba jalankan **http://127.0.0.1:8000/upload/create** di browser, maka akan tampil form upload.
10. Buat folder **uploads** dalam folder public.
11. Buat **function store** dalam controller **UploadController.php** untuk memproses form upload.

```
public function store(Request $request)
{
    $this->validate($request, [
        'name' => 'required',
        'image' => 'required|mimes:jpeg,png,jpg',
        'file' => 'required|mimes:pdf,doc,docx',
    ]);

    $input = $request->all();

    $imageName = '';
    if ($request->hasFile('image')) {
        $imageExtension = $request->file('image')->getClientOriginalExtension();
        $imageName = 'image_' . time() . '.' . $imageExtension;
        $imageDestination = base_path() . '/public/uploads';
        $request->file('image')->move($imageDestination, $imageName);
        $input['image'] = $imageName;
    }

    $fileName = '';
    if ($request->hasFile('file')) {
        $fileExtension = $request->file('file')->getClientOriginalExtension();
        $fileName = 'file_' . time() . '.' . $fileExtension;
        $fileDestination = base_path() . '/public/uploads';
        $request->file('file')->move($fileDestination, $fileName);
        $input['file'] = $fileName;
    }

    $upload = Upload::create($input);

    return redirect()->route('upload.index')
        ->with('success', 'Image/file successfully added');
}
```

12. Karena dalam function store (no. 10) menggunakan kelas lain yaitu Upload, maka perlu **import kelas**.

```
use App\Http\Controllers\Controller;
use App\Upload;
```

13. Coba jalankan **http://127.0.0.1:8000/upload/create** di browser, kemudian **submit form**. **Cek di database dan folder public/uploads**, apakah sudah ada file yang diupload. Ekspektasinya image dan gambar sudah tersimpan di database dan muncul folder public/uploads.
14. Buat **function index** dalam controller **UploadController.php** untuk menampilkan semua daftar upload.

```

public function index(Request $request) {
    $uploads = Upload::orderBy('id','DESC')->paginate(5);
    return view('uploads.index',compact('uploads'))
        ->with('i', ($request->input('page', 1) - 1) * 5);
}

```

15. Buat view **index.blade.php** di folder **resources/views/uploads**.

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <!-- Bootstrap 3.3.7 -->
    <link rel="stylesheet" href="{{ asset('AdminLTE/bower_components/bootstrap/dist/css/
bootstrap.min.css') }}">
</head>
<body>
<div class="container">
    <div class="row">
        <div class="col-md-8 col-md-offset-2">
            <h1>Upload and Download Image & File</h1>
            @if ($message = Session::get('success'))
                <div class="alert alert-success">
                    <p>{{ $message }}</p>
                </div>
            @endif

            <div class="row">
                <div class="col-lg-12 margin-tb">
                    <div class="pull-right mb-1">
                        <a class="btn btn-success"
href="{{ route('upload.create') }}"> Upload</a>
                    </div>
                </div>
            </div>

            <br/>
            <table id="table_uploads" class="table table-bordered table-striped">
                <thead>
                    <tr>
                        <th>Number</th>
                        <th>Name</th>
                        <th>Image</th>
                        <th>File</th>
                    </tr>
                </thead>
                <tbody>
                    @foreach ($uploads as $key => $upload)
                        <tr>
                            <td>{{ ++$i }}</td>
                            <td>{{ $upload->name }}</td>
                            <td>name }}" /></td>
                            <td><a class="btn btn-success" href="{{ URL::to('/uploads/' .
$upload->file) }}" target="_blank"> Download</a></td>
                        </tr>
                    @endforeach
                </tbody>
            </table>
        </div>
    </div>
</body>
</html>

```

```
                </tbody>
            </table>
            {!! $uploads->render() !!}
        </div>
    </div>
</body>
</html>
```

16. Coba jalankan <http://127.0.0.1:8000/upload/>, maka akan ditampilkan semua daftar upload. Image dapat tampil di daftar dan file dapat didownload.
17. Tambahkan **link untuk upload di welcome.blade.php**, sehingga dapat diakses melalui menu utama.

```
<a href="upload">Upload</a>
```

18. Coba jalankan <http://127.0.0.1:8000> kemudian **klik button Upload**, maka akan mengarah ke halaman daftar upload dan download.