

## **Dokumentasi UTS Pemrograman Web (Tema Data Pasien)**



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PRODI SISTEM INFORMASI FAKULTAS ILMU KOMPUTER

UNIVERSITAS ESA UNGGUL 2025

```

→ pemweb git:(main) X cd UTS
→ UTS git:(main) X cp -R /root/pemweb/pert3/nginx .

→ UTS git:(main) X cp -R /root/pemweb/pert3/db .
→ UTS git:(main) X
→ UTS git:(main) X cp -R /root/pemweb/pert3/template .
→ UTS git:(main) X cp -R /root/pemweb/pert3/docker-compose.yml .
→ UTS git:(main) X cp -R /root/pemweb/pert3/php .
→ UTS git:(main) X mkdir src
→ UTS git:(main) X docker compose up -d --build

```

Langkah pertama buat direktori UTS.

```

[+] Building 3.1s (50/50) FINISHED
=> [nginx_pemweb:latest internal] load build definition from Dockerfile 0.1s
=> => transferring dockerfile: 168B 0.0s
=> [pemweb_php:latest internal] load build definition from Dockerfile 0.1s
=> => transferring dockerfile: 4.89kB 0.0s
=> [nginx_pemweb:latest internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [pemweb_php:latest internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [nginx_pemweb:latest internal] load metadata for docker.io/library/nginx:stable-alpine 2.8s
=> [pemweb_php:latest internal] load metadata for docker.io/library/php:8.3-fpm 2.7s
=> [nginx_pemweb:latest 1/3] FROM docker.io/library/nginx:stable-alpine@sha256:aed99734248e851764f1f2146835ecad4 0.0s
=> [pemweb_php:latest internal] load build context 0.0s
=> => transferring context: 2.84kB 0.0s
=> CACHED [nginx_pemweb:latest 2/3] RUN apk add --no-cache bash 0.0s
=> CACHED [nginx_pemweb:latest 3/3] RUN apk add --no-cache tzdata 0.0s
=> [pemweb_php:latest] exporting to image 0.1s
=> => exporting layers 0.0s
=> => writing image sha256:995252fd029f04d06893233f96c7e1a19745f86989d8d4a037eee1abdb9f6ea7 0.0s
=> => naming to docker.io/library/nginx_pemweb:latest 0.0s
=> => writing image sha256:647ea0855849e6137c351772dc1572266520d862e9c435b027102bb51cfd85 0.0s
=> => naming to docker.io/library/pemweb_php:latest 0.0s
=> [pemweb_php:latest 1/39] FROM docker.io/library/php:8.3-fpm@sha256:286352f987eb2fc5cbb13c94308e112b5abcff4bc 0.0s
=> CACHED [pemweb_php:latest 2/39] RUN apt-get update && apt-get install -y --force-yes --no-install-recomm 0.0s
=> CACHED [pemweb_php:latest 3/39] RUN docker-php-ext-install soap 0.0s
=> CACHED [pemweb_php:latest 4/39] RUN docker-php-ext-install exif 0.0s
=> CACHED [pemweb_php:latest 5/39] RUN docker-php-ext-install pcntl 0.0s
=> CACHED [pemweb_php:latest 6/39] RUN docker-php-ext-install intl 0.0s
=> CACHED [pemweb_php:latest 7/39] RUN docker-php-ext-install gmp 0.0s
=> CACHED [pemweb_php:latest 8/39] RUN docker-php-ext-install zip 0.0s
=> CACHED [pemweb_php:latest 9/39] RUN docker-php-ext-install pdo_mysql 0.0s
=> CACHED [pemweb_php:latest 10/39] RUN docker-php-ext-install pdo_pgsql 0.0s
=> CACHED [pemweb_php:latest 11/39] RUN docker-php-ext-install bcmath 0.0s
=> CACHED [pemweb_php:latest 12/39] RUN pecl install redis && docker-php-ext-enable redis 0.0s
=> CACHED [pemweb_php:latest 13/39] RUN pecl install mongodb && docker-php-ext-enable mongodb 0.0s
=> CACHED [pemweb_php:latest 14/39] RUN pecl install imagick && docker-php-ext-enable imagick 0.0s
=> CACHED [pemweb_php:latest 15/39] RUN docker-php-ext-install gd && docker-php-ext-configure gd --with-fre 0.0s
=> CACHED [pemweb_php:latest 16/39] RUN pecl install xdebug 0.0s
=> CACHED [pemweb_php:latest 17/39] RUN pecl install memcached && docker-php-ext-enable memcached 0.0s

```

Lalu docker compose up -d --build.

```

→ UTS git:(main) X docker exec -it pemweb bash
root@pemweb:/var/www/html# composer create-project --prefer-dist raugadh/fila-starter .
Creating a "raugadh/fila-starter" project at "./"
Installing raugadh/fila-starter (v2.1.1)
As there is no 'unzip' nor '7z' command installed zip files are being unpacked using the PHP zip extension.
This may cause invalid reports of corrupted archives. Besides, any UNIX permissions (e.g. executable) defined in the archives will be lost.
Installing 'unzip' or '7z' (21.01+) may remediate them.
- Downloading raugadh/fila-starter (v2.1.1)
- Installing raugadh/fila-starter (v2.1.1): Extracting archive
Created project in /var/www/html/.
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Installing dependencies from lock file (including require-dev)
Verifying lock file contents can be installed on current platform.
Package operations: 172 installs, 0 updates, 0 removals
- Downloading pestphp/pest-plugin (v3.0.0)
- Downloading voku/portable-ascii (2.0.3)
- Downloading symfony/polyfill-php80 (v1.31.0)
- Downloading symfony/polyfill-mbstring (v1.31.0)
- Downloading symfony/polyfill-ctype (v1.31.0)
- Downloading phar-io/manifest (2.0.4)
- Downloading phpoption/phpoption (1.9.3)
- Downloading graham-campbell/result-type (v1.1.3)
- Downloading vlucas/phpdotenv (v5.6.1)
- Downloading symfony/css-selector (v7.2.0)
- Downloading tijsverkoyen/css-to-inline-styles (v2.3.0)
- Downloading symfony/var-dumper (v7.2.3)
- Downloading symfony/polyfill-uuid (v1.31.0)
- Downloading symfony/uid (v7.2.0)
- Downloading symfony/deprecation-contracts (v3.5.1)
- Downloading symfony/routing (v7.2.3)
- Downloading symfony/process (v7.2.5)
- Downloading symfony/polyfill-php83 (v1.31.0)
- Downloading symfony/polyfill-intl-normalizer (v1.31.0)
- Downloading symfony/polyfill-intl-idn (v1.31.0)
- Downloading symfony/mime (v7.2.4)

```

Masuk ke docker exec -it pemweb bash, dan jalankan perintah composer create-project --prefer-dist raugadh/fila-starter .

```

INFO Successfully published assets!
INFO Configuration cache cleared successfully.
INFO Route cache cleared successfully.
INFO Compiled views cleared successfully.
INFO Successfully upgraded!
118 packages you are using are looking for funding.
Use the 'composer fund' command to find out more!
Found 1 security vulnerability advisory affecting 1 package.
Run "composer audit" for a full list of advisories.
> @php artisan key:generate --ansi
INFO Application key set successfully.
> @php -r "file_exists('database/database.sqlite') || touch('database/database.sqlite');"
> @php artisan migrate --graceful --ansi
WARN SQLSTATE[HY000] [2002] Connection refused (Connection: mariadb, SQL: select exists (select 1 from information_schema.tables where table_schema = sc
hema() and table_name = 'migrations' and table_type in ('BASE TABLE', 'SYSTEM VERSIONED')) as 'exists').

```

Lalu jalankan ini

chown -R www-data:www-data storage/\*

edit env:

```

APP_NAME="JoyCarePatient"
APP_TIMEZONE='Asia/Jakarta'
APP_URL=http://localhost
ASSET_URL=http://localhost
DB_CONNECTION=mysql
DB_HOST=db_pemweb
DB_PORT=3306
DB_DATABASE=db_pemweb
DB_USERNAME=root
DB_PASSWORD=p455w0rd

```

```
php artisan migrate
php artisan migrate:fresh
php artisan db:seed --force
php artisan shield:generate --all
php artisan project:init
chmod 777 -R storage/* && chmod 777 bootstrap/*
```

buka localhost dengan browser  
Username : admin@admin.com  
Password : password

Masuk Database, lalu ke Migration, di Migration masuk ke Create Patient Table  
Isi dengan :

```
<?php
```

```
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
```

```
return new class extends Migration
```

```
{
    public function up(): void
    {
        Schema::create('pasiens', function (Blueprint $table) {
            $table->id(); // <--- PRIMARY KEY OTOMATIS
            $table->string('Nama_Pasien');
            $table->string('NIK')->unique();
            $table->string('Tanggal_Lahir');
            $table->string('Alamat');
            $table->string('Jenis_Kelamin');
            $table->string('Golongan_Darah');
            $table->string('Gejala_Penyakit');
            $table->string('image')->nullable();
            $table->timestamps();
        });
    }
}
```

```
    public function down(): void
    {
        Schema::dropIfExists('pasiens');
    }
};
```

Lalu ke Seeder di PasienSeeder isi dengan :

```
<?php
```

```
namespace Database\Seeders;
```

```
use App\Models\Pasien;
```

```
use Illuminate\Database\Console\Seeds\WithoutModelEvents;
```

```
use Illuminate\Database\Seeder;
```

```
class PasienSeeder extends Seeder
```

```
{
```

```
    /**
```

```
     * Run the database seeds.
```

```
     */
```

```
    public function run(): void
```

```
    {
```

```
        Pasien::create ([
```

```
            'Nama_Pasien' => 'Sample',
```

```
            'NIK' => '2023',
```

```
            'Tanggal_Lahir' => '2000',
```

```
            'Alamat' => 'Citra',
```

```
            'Jenis_Kelamin' => 'Pria',
```

```
            'Golongan_Darah' => 'O',
```

```
            'Gejala_Penyakit' => 'Batuk',
```

```
            'image' => "",
```

```
        ];
```

```
    }
```

```
}
```

Dan di DatabaseSeeder, isi dengan :  
<?php

```
namespace Database\Seeders;
```

```
use App\Models\User;  
use Illuminate\Database\Seeder;
```

```
class DatabaseSeeder extends Seeder  
{  
    /**  
     * Seed the application's database.  
     */  
    public function run(): void  
    {  
        if (User::count() == 0) {  
            $user = \App\Models\User::factory()->create([  
                'name' => 'Admin',  
                'email' => 'admin@admin.com',  
            ]);  
  
            $user->assignRole('super_admin');  
        }  
  
        $this->call([  
            PasienSeeder::class,  
        ]);  
    }  
}
```

Terakhir, ke Models, masuk ke Pasien.php, isi dengan :

```
<?php

namespace App\Models;

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

class Pasien extends Model
{
    use HasFactory;

    protected $table = 'pasien';

    protected $fillable = [
        'Nama_Pasien',
        'NIK',
        'Tanggal_Lahir',
        'Alamat',
        'Jenis_Kelamin',
        'Golongan_Darah',
        'Gejala_Penyakit',
        'image',
    ];
}
```

## Tampilan :

