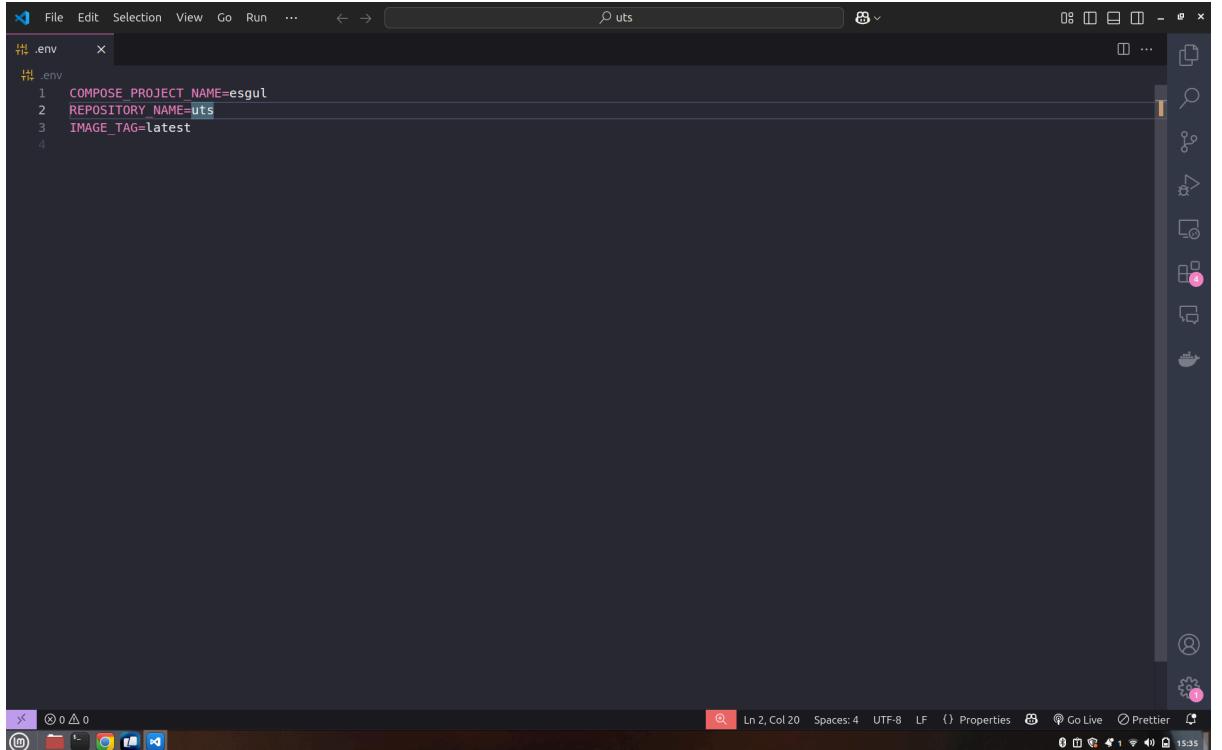


Documentation

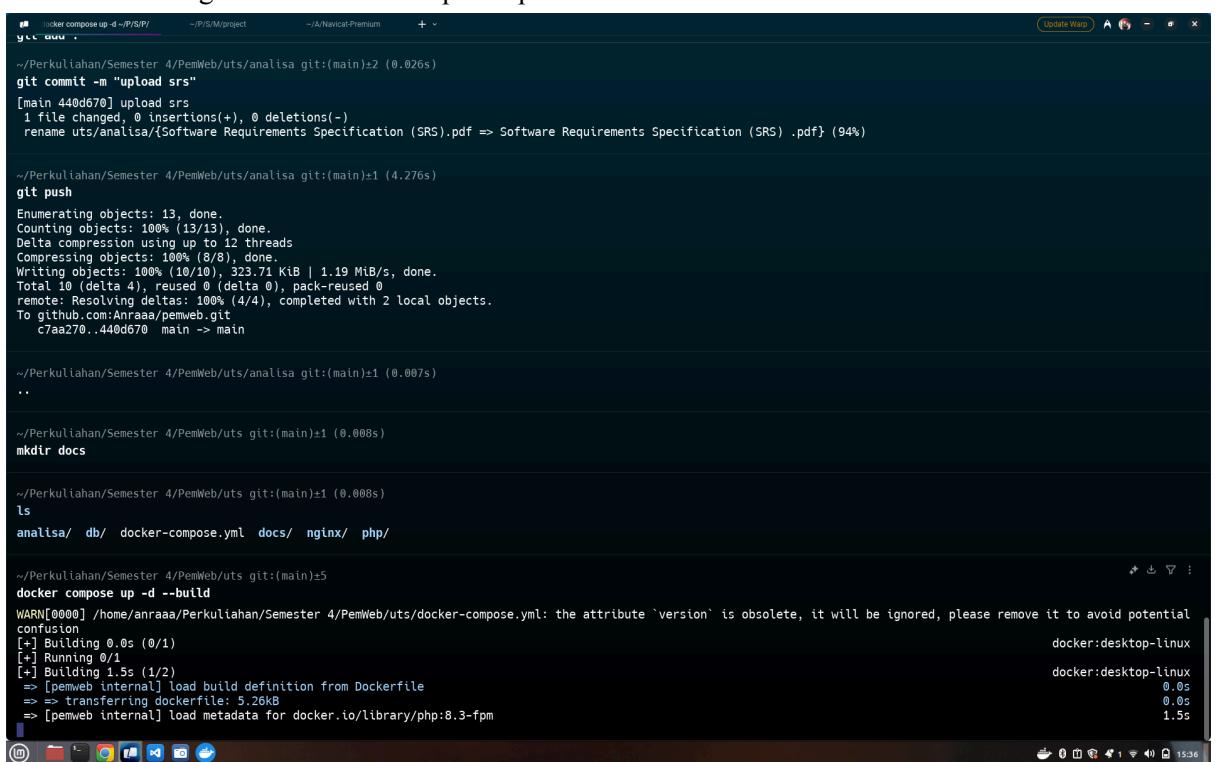
1. Copy Folder db, nginx, php dan src. serta file .env dan docker-compose .yml dari pert5 ke folder uts
2. ubah isi .envnya menjadi



```
File Edit Selection View Go Run ... uts
.env x
.env
1 COMPOSE_PROJECT_NAME=esgul
2 REPOSITORY_NAME=uts
3 IMAGE_TAG=latest
4
```

The screenshot shows a dark-themed code editor window titled "uts". In the top left, there's a tab labeled ".env". The main area contains three lines of environment variable definitions. The status bar at the bottom shows the file is at line 2, column 20, with 4 spaces, and includes icons for search, properties, and live preview.

3. build docker dengan cara docker compose up -d --build



```
~/Perkuliahan/Semester 4/PemWeb/uts/analisa git:(main)±2 (0.026s)
git commit -m "upload srs"
[main 440d670] upload srs
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename uts/analisa/{Software Requirements Specification (SRS).pdf => Software Requirements Specification (SRS) .pdf} (94%)

~/Perkuliahan/Semester 4/PemWeb/uts/analisa git:(main)±1 (4.276s)
git push
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 12 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (10/10), 323.71 KiB | 1.19 MiB/s, done.
Total 10 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), completed with 2 local objects.
To github.com:Anraaa/pemweb.git
 c7aa270..440d670 main -> main

~/Perkuliahan/Semester 4/PemWeb/uts/analisa git:(main)±1 (0.007s)
..

~/Perkuliahan/Semester 4/PemWeb/uts git:(main)±1 (0.008s)
mkdir docs

~/Perkuliahan/Semester 4/PemWeb/uts git:(main)±1 (0.008s)
ls
analisa/ db/ docker-compose.yml docs/ nginx/ php/

~/Perkuliahan/Semester 4/PemWeb/uts git:(main)±5
docker compose up -d --build
WARN[0000] /home/anraaa/Perkuliahan/Semester 4/PemWeb/uts/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] Building 0.0s (0/1)
[+] Running 0/1
[+] Building 1.5s (1/2)
=> [pemweb internal] load build definition from Dockerfile
=> => transferring dockerfile: 5.26kB
=> [pemweb internal] load metadata for docker.io/library/php:8.3-fpm
[+] Building 0.0s (0/1)
[+] Running 0/1
[+] Building 1.5s (1/2)
=> [pemweb internal] load build definition from Dockerfile
=> => transferring dockerfile: 5.26kB
=> [pemweb internal] load metadata for docker.io/library/php:8.3-fpm
[+] Building 0.0s (0/1)
[+] Running 0/1
[+] Building 1.5s (1/2)
=> [pemweb internal] load build definition from Dockerfile
=> => transferring dockerfile: 5.26kB
=> [pemweb internal] load metadata for docker.io/library/php:8.3-fpm
```

The screenshot shows a terminal window with several lines of command history. It starts with committing changes to a GitHub repository, then pushes them. Next, it creates a "docs" directory. Finally, it runs "docker compose up -d --build" which triggers several Docker build processes for different services. The terminal has a dark theme and includes a status bar at the bottom.

```

~/Perkuliahann/Semester 4/PemWeb/uts git:(main)±5 (3.29s)
docker compose up -d --build
=> CACHED [pemweb 21/39] RUN chmod 0044 /etc/cron.d/laravel-scheduler
=> CACHED [pemweb 22/39] ADD ./local.int /usr/local/etc/php/conf.d
=> CACHED [pemweb 23/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/vendor/bin/dep "$@"' > /usr/bin/dep
=> CACHED [pemweb 24/39] RUN chmod +x /usr/bin/dep
=> CACHED [pemweb 25/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan "$@"' > /usr/bin/art
=> CACHED [pemweb 26/39] RUN chmod +x /usr/bin/art
=> CACHED [pemweb 27/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan migrate "$@"' > /usr/bin/migrate
=> CACHED [pemweb 28/39] RUN chmod +x /usr/bin/migrate
=> CACHED [pemweb 29/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan migrate:fresh --seed' > /usr/bin/fresh
=> CACHED [pemweb 30/39] RUN chmod +x /usr/bin/fresh
=> CACHED [pemweb 31/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan config:clear\nvar/www/vendor/bin/phpunit -d memory_limit=2G --stop-on-error --' > /usr/bin/test
=> CACHED [pemweb 32/39] RUN chmod +x /usr/bin/test
=> CACHED [pemweb 33/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan config:clear\nvar/www/vendor/bin/phpunit -d memory_limit=2G --stop-on-error --' > /usr/bin/phpunit
=> CACHED [pemweb 34/39] RUN chmod +x /usr/bin/phpunit
=> CACHED [pemweb 35/39] RUN rm -r /var/lib/apt/lists/*
=> CACHED [pemweb 36/39] WORKDIR /var/www
=> CACHED [pemweb 37/39] COPY ./docker-entrypoint.sh /usr/local/bin/
=> CACHED [pemweb 38/39] RUN chmod +x /usr/local/bin/docker-entrypoint.sh
=> CACHED [pemweb 39/39] RUN ln -s /usr/local/bin/docker-entrypoint.sh /
[+] [pemweb] exporting to image
=> exporting layers
=> writing image sha256:84c5d5c97523adbf68b28ef7b0c1577b7093be88f5056bfa412e95eee1a9efde
=> naming to docker.io/library/pemweb_php:latest
[+] [pemweb] resolving provenance for metadata file
[+] [nginx_pemweb internal] load build definition from Dockerfile
=> transferring dockerfile: 168B
[+] [nginx_pemweb internal] load metadata for docker.io/library/nginx:stable-alpine
[+] [nginx_pemweb internal] load .dockercfgignore
=> transferring context: 2B
[+] [nginx_pemweb 1/3] FROM docker.io/library/nginx:stable-alpine@sha256:aed99734248e851764f1f2146835ecad42b5f994081fa6631cc5d79240891ec9
=> CACHED [nginx_pemweb 2/3] RUN apk add --no-cache bash
=> CACHED [nginx_pemweb 3/3] RUN apk add --no-cache tzdata
[+] [nginx_pemweb] exporting to image
=> exporting layers
[+] Running 5/5image sha256:56514e31188bd2512b08ed161f741e6791de40e98bd168f9a76ea029aa137d61
✓ Service pemweb      Built
✓ Service nginx_pemweb Built
✓ Container db_pemweb Started
✓ Container pemweb    Started
✓ Container nginx_pemweb Started

~/Perkuliahann/Semester 4/PemWeb/uts git:(main)±5
docker compose ps

```

4. masuk ke bash dengan cara docker exec -it pemweb bash

```

~/Perkuliahann/Semester 4/PemWeb/uts git:(main)±5 (3.29s)
docker compose up -d --build
=> CACHED [pemweb 24/39] RUN chmod +x /usr/bin/dep
=> CACHED [pemweb 25/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan "$@"' > /usr/bin/art
=> CACHED [pemweb 26/39] RUN chmod +x /usr/bin/art
=> CACHED [pemweb 27/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan migrate "$@"' > /usr/bin/migrate
=> CACHED [pemweb 28/39] RUN chmod +x /usr/bin/migrate
=> CACHED [pemweb 29/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan migrate:fresh --seed' > /usr/bin/fresh
=> CACHED [pemweb 30/39] RUN chmod +x /usr/bin/fresh
=> CACHED [pemweb 31/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan config:clear\nvar/www/vendor/bin/phpunit -d memory_limit=2G --stop-on-error --' > /usr/bin/test
=> CACHED [pemweb 32/39] RUN chmod +x /usr/bin/test
=> CACHED [pemweb 33/39] RUN echo '#!/bin/bash\n/usr/local/bin/php /var/www/artisan config:clear\nvar/www/vendor/bin/phpunit -d memory_limit=2G --stop-on-error --' > /usr/bin/phpunit
=> CACHED [pemweb 34/39] RUN chmod +x /usr/bin/phpunit
=> CACHED [pemweb 35/39] RUN rm -r /var/lib/apt/lists/*
=> CACHED [pemweb 36/39] WORKDIR /var/www
=> CACHED [pemweb 37/39] COPY ./docker-entrypoint.sh /usr/local/bin/
=> CACHED [pemweb 38/39] RUN chmod +x /usr/local/bin/docker-entrypoint.sh
=> CACHED [pemweb 39/39] RUN ln -s /usr/local/bin/docker-entrypoint.sh /
[+] [pemweb] exporting to image
=> exporting layers
=> writing image sha256:84c5d5c97523adbf68b28ef7b0c1577b7093be88f5056bfa412e95eee1a9efde
=> naming to docker.io/library/pemweb_php:latest
[+] [pemweb] resolving provenance for metadata file
[+] [nginx_pemweb internal] load build definition from Dockerfile
=> transferring dockerfile: 168B
[+] [nginx_pemweb internal] load metadata for docker.io/library/nginx:stable-alpine
[+] [nginx_pemweb internal] load .dockercfgignore
=> transferring context: 2B
[+] [nginx_pemweb 1/3] FROM docker.io/library/nginx:stable-alpine@sha256:aed99734248e851764f1f2146835ecad42b5f994081fa6631cc5d79240891ec9
=> CACHED [nginx_pemweb 2/3] RUN apk add --no-cache bash
=> CACHED [nginx_pemweb 3/3] RUN apk add --no-cache tzdata
[+] [nginx_pemweb] exporting to image
=> exporting layers
[+] Running 5/5image sha256:56514e31188bd2512b08ed161f741e6791de40e98bd168f9a76ea029aa137d61
✓ Service pemweb      Built
✓ Service nginx_pemweb Built
✓ Container db_pemweb Started
✓ Container pemweb    Started
✓ Container nginx_pemweb Started

Warpify subshell Ctrl I
Do not show again X

~/Perkuliahann/Semester 4/PemWeb/uts git:(main)±5
docker exec -it pemweb bash
root@pemweb:/var/www/html# Ctrl Shift I to generate

```

5. create project laravel filament (fila-starter kit) dengan cara composer create-project --prefer-dist raugadh/fila-starter .

```
docker exec -it permweb bash
root@permweb:/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' (21.0.1+) may remediate them.
- Downloading raugadh/fila-starter (v2.1.1)
```

6. Setelah fila-starter dibuat, konfigurasi .env didalam folder src/ seperti dibawah ini

The screenshot shows a Visual Studio Code interface with several windows open. The main editor window displays a configuration file named '.env' with the following content:

```
APP_NAME="ChildHealth"
APP_ENV=local
APP_KEY=
APP_DEBUG=true
APP_TIMEZONE='Asia/Jakarta'
APP_URL=http://localhost
ASSET_URL=http://localhost
DEBUGBAR_ENABLED=false
ASSET_PREFIX=
# ASSET PREFIX=/dev/kita/public example incase deployed inside a folder
APP_LOCALE=en
APP_FALLBACK_LOCALE=en
APP_FAKE_LOCALE=en_US
APP_Maintenance_driver=file
# APP_Maintenance_STORE=database
APP_CLI_SERVER_WORKERS=4
BCRYPT_ROUNDS=12
LOG_CHANNEL=stack
LOG_STACK=single
LOG_DEPRECATIONS_CHANNEL=null
LOG_LEVEL=debug
DB_CONNECTION=mysql
DB_HOST=db_pemweb
DB_PORT=3306
DB_DATABASE=uts_pemweb
DB_USERNAME=root
DB_PASSWORD=p45w0rd
SESSION_DRIVER=database
SESSION_LIFETIME=120
SESSION_ENCRYPT=true
SESSION_PATH=/
SESSION_DOMAIN=null
BROADCAST_CONNECTION=log
FILESYSTEM_DISK=local
QUEUE_CONNECTION=database
CACHE_STORE=database
# CACHE_PREFIX=
MEMCACHED_HOST=127.0.0.1
REDIS_CLIENT=phpredis
REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379
MAIL_MAILER=log
```

The Explorer sidebar on the right lists the project structure:

- OPEN EDITORS
- .env
- .env src
- uts
- dist
- analisa
- Business Requirements Document (BRD) - Sistem Informasi Pos...
- db
- docs
- nginx
- php
- src
- app
- bootstrap
- config
- database
- lang
- public
- resources
- routes
- storage
- tests
- vendor
- .envrc
- .env
- .env.example
- .gitattributes
- .gitignore
- .phpinfo
- .artisan
- .bus.lock
- composer.json
- composer.lock
- package.json
- phpmunit.xml
- lint.json
- postcss.config.js
- README.md
- tailwind.config.js
- vite.config.js
- .env
- docker-compose.yml

The bottom status bar shows file paths, line numbers, and other system information.

7. Setelah itu migrasi agar database uts_pemwebnya dibuat

```

~/Perkuliahinan/Semester 4/PemWeb/uts git:(main)±5
docker exec -it pemweb bash
  public/css/filament/forms/form.css
  public/css/filament/support/support.css
  public/css/hasnayeen/themes/default.css
  public/css/hasnayeen/themes/dracula.css
  public/css/hasnayeen/themes/nord.css
  public/css/hasnayeen/themes/sunset.css
  public/css/JoaopauloIndev/filament-edit-profile/filament-edit-profile-styles.css
  public/css/nixplus/filament-progressbar/filament-progressbar-styles.css
  public/css/filament/filament/app.css

[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 = schema() and table_name = 'migrations' and table_type in ('BASE TABLE', 'SYSTEM VERSIONED')) as `exists`).

root@pemweb:/var/www/html# php artisan migrate
[WARN] The database 'uts_pemweb' does not exist on the 'mysql' connection.

Would you like to create it?
  • Yes / ○ No

```

8. lakukan perintah php artisan storage:link, php artisan key:generate serta atur izin akses dengan cara chown -R www-data:www-data storage/* dan chown -R www-data:www-data bootstrap/*

```

~/Perkuliahinan/Semester 4/PemWeb/uts git:(main)±5
docker exec -it pemweb bash
[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 = schema() and table_name = 'migrations' and table_type in ('BASE TABLE', 'SYSTEM VERSIONED')) as `exists`).

root@pemweb:/var/www/html# php artisan migrate
[WARN] The database 'uts_pemweb' does not exist on the 'mysql' connection.

Would you like to create it?
  • Yes

[INFO] Preparing database.

Creating migration table ..... 19.03ms DONE
[INFO] Running migrations.

0001_01_000000_create_users_table . 69.12ms DONE
0001_01_01_000001_create_cache_table . 25.03ms DONE
0001_01_01_000002_create_jobs_table . 58.39ms DONE
2025_04_12_082932_create_permission_tables . 258.99ms DONE
2025_04_12_083218_create_activity_log_table . 81.07ms DONE
2025_04_12_083219_add_event_column_to_activity_log_table . 82.54ms DONE
2025_04_12_083220_add_batch_uuid_column_to_activity_log_table . 28.31ms DONE
2025_04_12_083341_add_themes_settings_to_users_table . 45.81ms DONE

root@pemweb:/var/www/html# php artisan storage:link
[INFO] The [public/storage] link has been connected to [storage/app/public].
root@pemweb:/var/www/html# php artisan key:generate
[INFO] Application key set successfully.

root@pemweb:/var/www/html# chown -R www-data:www-data storage/*
root@pemweb:/var/www/html# chown -R www-data:www-data bootstrap/*
root@pemweb:/var/www/html#

```

9. atur izin shield dengan cara php artisan shield:generate --all

```
Would you like to create it? Yes

[INFO] Preparing database.
Creating migration table ..... 19.03ms DONE
[INFO] Running migrations.

0001_01_01_000000_create_users_table ..... 69.12ms DONE
0001_01_01_000001_create_cache_table ..... 25.03ms DONE
0001_01_01_000002_create_jobs_table ..... 58.39ms DONE
2025_04_12_082932_create_permission_tables ..... 258.99ms DONE
2025_04_12_083218_create_activity_log_table ..... 81.07ms DONE
2025_04_12_083219_add_event_column_to_activity_log_table ..... 82.54ms DONE
2025_04_12_083220_add_batch_uuid_column_to_activity_log_table ..... 28.31ms DONE
2025_04_12_083341_add_themes_settings_to_users_table ..... 45.81ms DONE

root@pemweb:/var/www/html# php artisan storage:link
[INFO] The [public/storage] link has been connected to [storage/app/public].
root@pemweb:/var/www/html# php artisan key:generate
[INFO] Application key set successfully.

root@pemweb:/var/www/html# chown -R www-data:www-data storage/*
root@pemweb:/var/www/html# chown -R www-data:www-data bootstrap/*
root@pemweb:/var/www/html# php artisan shield:generate --all
The "--all" option does not exist.

root@pemweb:/var/www/html# php artisan shield:generate --all
Which panel do you want to generate permissions/policies for?
> • admin
```

10. jalankan php artisan db:seed untuk data dummy pada akun admin (DatabaseSeedernya tidak diubah apa apa)

```
Successfully generated Page Permissions for:

+---+
| # | Page | Permission |
+---+
| 1 | ActivityPolicy.php | view_activity,
|   |           | view_any_activity,
|   |           | create_activity,
|   |           | update_activity,
|   |           | delete_activity,
|   |           | delete_any_activity |
| 2 | RolePolicy.php | view_role,
|   |           | view_any_role,
|   |           | create_role,
|   |           | update_role,
|   |           | delete_role,
|   |           | delete_any_role |
| 3 | UserPolicy.php | view_user,
|   |           | view_any_user,
|   |           | create_user,
|   |           | update_user,
|   |           | delete_user,
|   |           | delete_any_user |

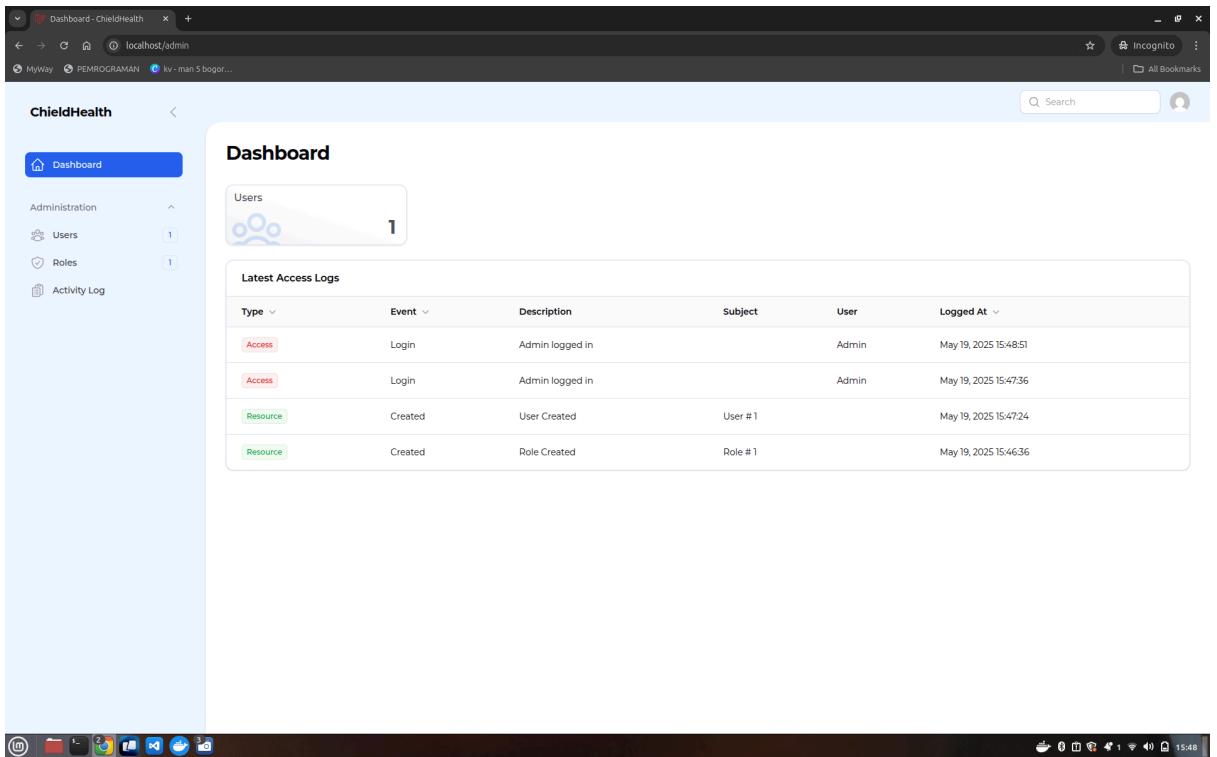
[INFO] Successfully generated Widget Permissions for:

+---+
| # | Widget | Permission |
+---+
| 1 | Awcodes\Overlook\Widgets\OverlookWidget | widget_OverlookWidget
| 2 | App\Filament\Admin\Widgets\LatestAccessLogs | widget_LatestAccessLogs
+---+

root@pemweb:/var/www/html# php artisan db:seed
[INFO] Seeding database.

root@pemweb:/var/www/html#
```

11. Testing login akun admin pada DatabaseSeeder.php pada localhost/admin/login



12. Generate model, seeder, dan migrasi yang diperlukan pada SRS

```
root@pemweb:~# docker exec -it pemweb bash
~/Perkuliahan/Semester 4/PemWeb/uts git:(main)±5
docker exec -it pemweb bash
  3 | user      | userPolicy.php | view_user,          | view_user,
   |           |                  | view_any_user,       | create_user,
   |           |                  | create_user,         | update_user,
   |           |                  | update_user,        | delete_user,
   |           |                  | delete_user,        | delete_any_user ✓
+---+-----+-----+-----+
INFO Successfully generated Page Permissions for:

| # | Page      | Permission |
+---+-----+-----+
INFO Successfully generated Widget Permissions for:

| # | Widget    | Permission |
+---+-----+-----+
| 1 | Awcodes\Overlook\Widgets\OverlookWidget | widget_OverlookWidget
| 2 | App\Filament\Admin\Widgets\LatestAccessLogs | widget_LatestAccessLogs
+---+-----+-----+
root@pemweb:/var/www/html# php artisan db:seed
INFO Seeding database.
root@pemweb:/var/www/html# php artisan make:model Pasien -ms
INFO Model [app/Models/Pasien.php] created successfully.
INFO Migration [database/migrations/2025_05_19_155058_create_pasiens_table.php] created successfully.
INFO Seeder [database/seeders/PasienSeeder.php] created successfully.
root@pemweb:/var/www/html# php artisan make:model Imunisasi -ms
INFO Model [app/Models/Imunisasi.php] created successfully.
INFO Migration [database/migrations/2025_05_19_155104_create_imunisasis_table.php] created successfully.
INFO Seeder [database/seeders/ImunisasiSeeder.php] created successfully.
root@pemweb:/var/www/html#
```

13. tambahkan role pada migrasi user

```

1 <?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::create('users', function (Blueprint $table) {
15             $table->string('name');
16             $table->string('email')->unique();
17             $table->timestamp('email_verified_at')->nullable();
18             $table->enum('role', ['super_admin', 'petugas'])->default('petugas'); //update role disini
19             $table->string('password');
20             $table->rememberToken();
21             $table->timestamps();
22         });
23
24         Schema::create('password_reset_tokens', function (Blueprint $table) {
25             $table->string('email')->primary();
26             $table->string('token');
27             $table->timestamp('created_at')->nullable();
28         });
29
30         Schema::create('sessions', function (Blueprint $table) {
31             $table->string('id')->primary();
32             $table->foreign('user_id')->nullable()->index();
33             $table->text('user_agent')->nullable();
34             $table->longText('payload');
35             $table->integer('last_activity')->index();
36         });
37
38     }
39
40     /**
41      * Reverse the migrations.
42      */
43     public function down(): void
44     {
45         Schema::dropIfExists('users');
46         Schema::dropIfExists('password_reset_tokens');
47         Schema::dropIfExists('sessions');
48     }
49 }
50

```

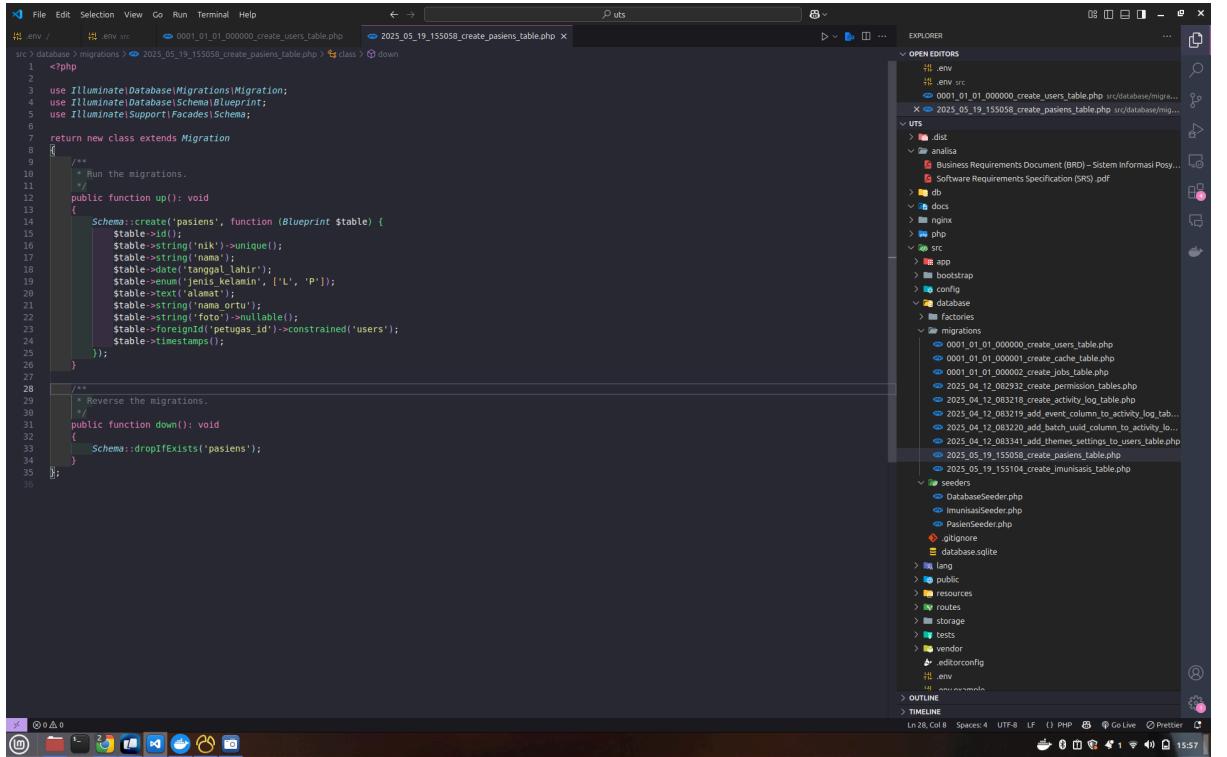
14. lakukan php artisan migrate:fresh agar migrasi yang telah diubah akan terupdate

```

root@pemweb:~# docker exec -it pemweb bash
+-----+
root@pemweb:/var/www/html# php artisan db:seed
[INFO] Seeding database.
root@pemweb:/var/www/html# php artisan make:model Pasien -ms
[INFO] Model [app/Models/Pasien.php] created successfully.
[INFO] Migration [database/migrations/2025_05_19_155058_create_pasiens_table.php] created successfully.
[INFO] Seeder [database/seeders/PasienSeeder.php] created successfully.
root@pemweb:/var/www/html# php artisan make:model Imunisasi -ms
[INFO] Model [app/Models/Imunisasi.php] created successfully.
[INFO] Migration [database/migrations/2025_05_19_155104_create_imunisasis_table.php] created successfully.
[INFO] Seeder [database/seeders/ImunisasiSeeder.php] created successfully.
root@pemweb:/var/www/html# php artisan migrate:fresh
Dropping all tables ..... 115.18ms DONE
[INFO] Preparing database.
Creating migration table ..... 14.02ms DONE
[INFO] Running migrations.
0001_01_01_000000_create_users_table ..... 63.31ms DONE
0001_01_01_000001_create_cache_table ..... 23.50ms DONE
0001_01_01_000002_create_jobs_table ..... 53.33ms DONE
2025_04_12_082932_create_permission_tables ..... 272.11ms DONE
2025_04_12_083218_create_activity_log_table ..... 71.57ms DONE
2025_04_12_083219_add_event_column_to_activity_log_table ..... 23.66ms DONE
2025_04_12_083220_add_batch_uuid_column_to_activity_log_table ..... 23.19ms DONE
2025_04_12_083341_add_themes_settings_to_users_table ..... 41.71ms DONE
2025_05_19_155058_create_pasiens_table ..... 9.41ms DONE
2025_05_19_155104_create_imunisasis_table ..... 11.06ms DONE

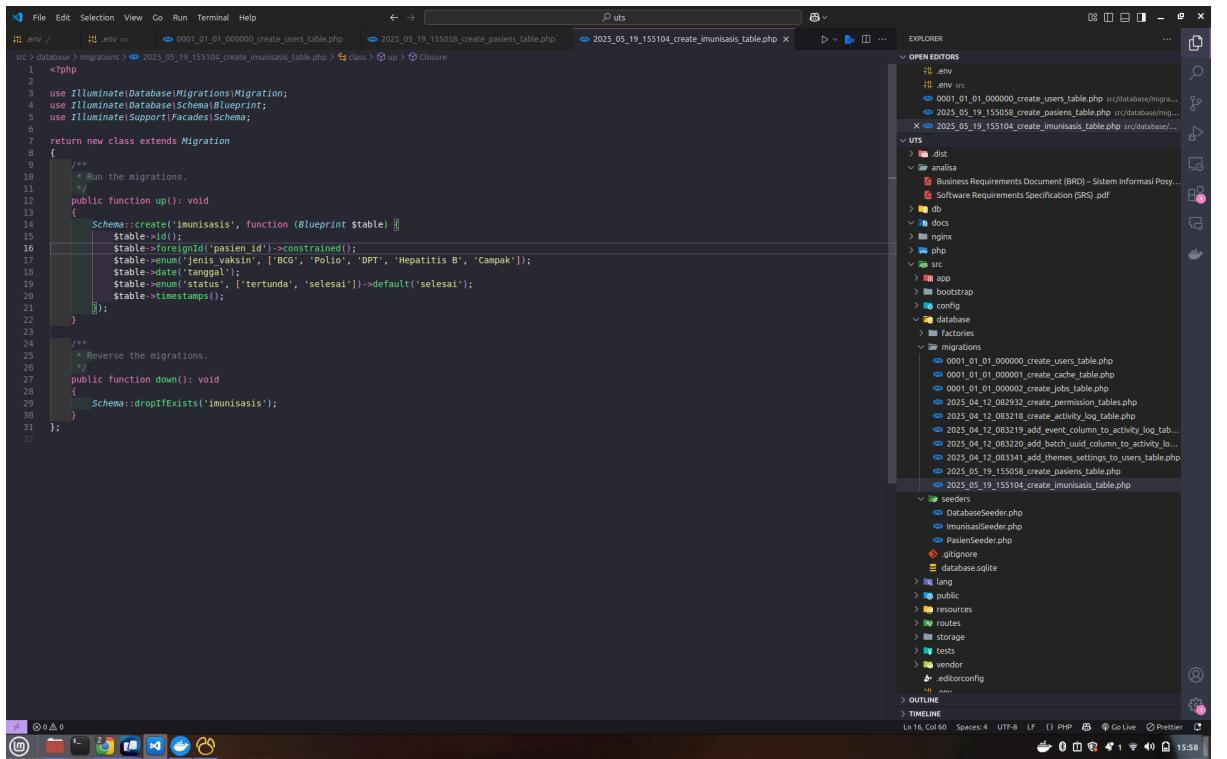
```

15. isi migrasi pasien sesuai dengan SRS



```
<?php
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::create('pasiens', function (Blueprint $table) {
            $table->string('nik')->unique();
            $table->string('name');
            $table->date('tanggallahir');
            $table->enum('jenis_kelamin', ['L', 'P']);
            $table->text('alamat');
            $table->string('nohp');
            $table->string('idcard')->nullable();
            $table->foreignId('petugas_id')->constrained('users');
            $table->timestamps();
        });
    }
    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::dropIfExists('pasiens');
    }
};
```

16. isi migrasi imunisasi sesuai dengan SRS



```
<?php
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::create('imunisasi', function (Blueprint $table) {
            $table->id();
            $table->foreignId('pasien_id')->constrained();
            $table->enum('jenis_vaksin', ['BCG', 'Polio', 'DPT', 'Hepatitis B', 'Campak']);
            $table->date('tanggali');
            $table->enum('status', ['terselesai', 'selesai'])->default('selesai');
            $table->timestamps();
        });
    }
    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::dropIfExists('imunisasi');
    }
};
```

17. Update model user dan jangan lupa tambahkan relasi seperti yang dijelaskan pada SRS

```

00000 create_users_table.php 2025_05_19_155058_create_pasiens_table.php 2025_05_19_155104_create_imunisasi_table.php User.php Pasien.php Imunisasi.php
src > app > Models > User.php > User
1 <?php
2
3 namespace App\Models;
4
5 // use Illuminate\Contracts\Auth\MustVerifyEmail;
6 use Filament\Models\Contracts\FilamentUser;
7 use Filament\Models\Contracts\HasAvatar;
8 use Filament\Panel;
9 use Illuminate\Database\Eloquent\Factories\HasFactory;
10 use Illuminate\Foundation\Auth\User as Authenticatable;
11 use Illuminate\Notifications\Notifiable;
12 use Spatie\Permission\Traits\HasRoles;
13
14 class User extends Authenticatable implements FilamentUser, HasAvatar
15 {
16     /**
17      * The attributes that are mass assignable.
18      *
19      * @var list<string>
20      */
21     protected $fillable = [
22         'avatar_url',
23         'name',
24         'email',
25         'role', //update role disini
26         'password',
27     ];
28
29     /**
30      * The attributes that should be hidden for serialization.
31      *
32      * @var list<string>
33      */
34     protected $hidden = [
35         'password',
36         'remember_token',
37     ];
38
39     /**
40      * Get the attributes that should be cast.
41      *
42      * @return array<string, string>
43      */
44     protected function casts(): array
45     {
46         return [
47             'email_verified_at' => 'datetime',
48             'password' => 'hashed',
49         ];
50     }
51
52     public function pasien()
53     {
54
55     }
56
57 }

```



```

00000 create_users_table.php 2025_05_19_155058_create_pasiens_table.php 2025_05_19_155104_create_imunisasi_table.php User.php Pasien.php Imunisasi.php
src > app > Models > User.php > User
1 <?php
2
3 namespace App\Models;
4
5 // use Illuminate\Contracts\Auth\MustVerifyEmail;
6 use Filament\Models\Contracts\FilamentUser;
7 use Filament\Models\Contracts\HasAvatar;
8 use Filament\Panel;
9 use Illuminate\Database\Eloquent\Factories\HasFactory;
10 use Illuminate\Foundation\Auth\User as Authenticatable;
11 use Illuminate\Notifications\Notifiable;
12 use Spatie\Permission\Traits\HasRoles;
13
14 class User extends Authenticatable implements FilamentUser, HasAvatar
15 {
16     /**
17      * The attributes that are mass assignable.
18      *
19      * @var list<string>
20      */
21     protected $fillable = [
22         'avatar_url',
23         'name',
24         'email',
25         'role', //update role disini
26         'password',
27     ];
28
29     /**
30      * The attributes that should be hidden for serialization.
31      *
32      * @var list<string>
33      */
34     protected $hidden = [
35         'password',
36         'remember_token',
37     ];
38
39     /**
40      * Get the attributes that should be cast.
41      *
42      * @return array<string, string>
43      */
44     protected function casts(): array
45     {
46         return [
47             'email_verified_at' => 'datetime',
48             'password' => 'hashed',
49         ];
50     }
51
52     public function pasien()
53     {
54
55     }
56
57     public function getFilamentAvatarUrl(): ?string
58     {
59         if ($this->avatar_url) {
60             return asset('storage/' . $this->avatar_url);
61         } else {
62             $hash = md5(strtolower(trim($this->email)));
63
64             return 'https://www.gravatar.com/avatar/' . $hash . '?d=mp&r=g&s=250';
65         }
66     }
67 }

```

18. Update model pasien sesuai dengan SRS

```
<?php  
namespace App\Models;  
use Illuminate\Database\Eloquent\Model;  
class Pasien extends Model  
{  
    protected $table = 'pasiens'; // karena Laravel defaultnya 'pasiens'  
    protected $fillable = [  
        'nik', 'nama', 'tanggal_lahir', 'jenis_kelamin',  
        'alamat', 'nama_ortu', 'foto', 'petugas_id'  
    ];  
    protected $casts = [  
        'tanggal_lahir' => 'date'  
    ];  
    public function petugas()  
    {  
        return $this->belongsTo(User::class, 'petugas_id');  
    }  
    public function imunisasi()  
    {  
        return $this->hasMany(Imunisasi::class);  
    }  
}
```

19. Update model Imunisasi sesuai dengan SRS

```
<?php  
namespace App\Models;  
use Illuminate\Database\Eloquent\Factories\HasFactory;  
use Illuminate\Database\Eloquent\Model;  
class Imunisasi extends Model  
{  
    use HasFactory;  
    protected $fillable = [  
        'pasien_id', 'jenis_vaksin', 'tanggal', 'status'  
    ];  
    protected $casts = [  
        'tanggal' => 'date'  
    ];  
    public function pasien()  
    {  
        return $this->belongsTo(Pasien::class);  
    }  
}
```

20. lakukan update seeder sesuai dengan SRS

DatabaseSeeder.php

```
src > database > seeders > DatabaseSeeder.php > ...
1 <?php
2
3 namespace Database\Seeders;
4
5 use App\Models\User;
6 // use Illuminate\Database\Console\Seeds\WithoutModelEvents;
7 use Illuminate\Database\Seeder;
8
9
10 class DatabaseSeeder extends Seeder
11 {
12     /**
13      * Seed the application's database.
14      */
15     public function run(): void
16     {
17         // User::factory(10)->create();
18
19         $this->call([
20             RoleSeeder::class,
21             UserSeeder::class,
22             PasienSeeder::class,
23             ImunisasiSeeder::class,
24         ]);
25     }
26 }
27 }
```

The screenshot shows the VS Code interface with the DatabaseSeeder.php file open in the editor. The Explorer sidebar on the right lists various files and folders related to the project, including migrations, seeders, and database models.

UserSeeder.php

```
src > database > seeders > UserSeeder.php > UserSeeder.php > gitsignore > UserSeeder.php > Pasien > ...
1 <?php
2
3 namespace Database\Seeders;
4
5 use Illuminate\Database\Console\Seeds\WithoutModelEvents;
6 use Illuminate\Database\Seeder;
7 use App\Models\User;
8
9
10 class UserSeeder extends Seeder
11 {
12     /**
13      * Run the database seeds.
14      */
15     public function run(): void
16     {
17         User::create([
18             'name' => 'Super Admin',
19             'email' => 'admin@demo.com',
20             'password' => bcrypt('password'),
21             'role' => 'super_admin',
22         ]);
23
24         User::create([
25             'name' => 'Petugas 1',
26             'email' => 'petugas1@demo.com',
27             'password' => bcrypt('password'),
28             'role' => 'petugas',
29         ]);
30
31         User::create([
32             'name' => 'Petugas 2',
33             'email' => 'petugas2@demo.com',
34             'password' => bcrypt('password'),
35             'role' => 'petugas',
36         ]);
37     }
38 }
```

The screenshot shows the VS Code interface with the UserSeeder.php file open in the editor. The Explorer sidebar on the right lists various files and folders related to the project, including migrations, seeders, and database models.

PasienSeeder.php

```

src > database > seeders > PasienSeeder.php > ...
1  <?php
2
3  namespace Database\Seeders;
4
5  use Illuminate\Database\Seeder;
6  use App\Models\User;
7  use App\Models\Pasien;
8  use Faker\Factory as Faker;
9
10 class PasienSeeder extends Seeder
11 {
12     public function run(): void
13     {
14         $faker = Faker::create();
15
16         $petugasIds = User::where('role', 'petugas')->pluck('id')->toArray();
17
18         if (count($petugasIds) < 2) {
19             echo "Minimal harus ada 2 petugas";
20             return;
21         }
22
23         for ($i = 0; $i < 10; $i++) {
24             // Pasien 0-4 ke petugasIds[0], pasien 5-9 ke petugasIds[1]
25             $petugasId = $i < 5 ? $petugasIds[0] : $petugasIds[1];
26
27             Pasien::create([
28                 'nik' => $faker->unique()->numerify('#####'),
29                 'name' => $faker->name(),
30                 'tanggal_lahir' => $faker->date('Y-m-d', '2005-01-01'),
31                 'jenis_kelamin' => $faker->randomElement(['L', 'P']),
32                 'alamat' => $faker->address(),
33                 'nama_ortu' => $faker->name('male'),
34                 'foto' => null,
35                 'petugas_id' => $petugasId,
36             ]);
37         }
38     }
39 }

```

ImunisasiSeeder.php

```

src > database > seeders > ImunisasiSeeder.php > ...
1  <?php
2
3  namespace Database\Seeders;
4
5  use Illuminate\Database\Seeder;
6  use App\Models\Pasien;
7  use App\Models\Imunisasi;
8
9  class ImunisasiSeeder extends Seeder
10 {
11     public function run(): void
12     {
13         $jenisVaksin = ['BCG', 'Polio', 'DPT', 'Hepatitis B', 'Campak'];
14
15         Pasien::take(5)->each(function ($pasien) use ($jenisVaksin) {
16             foreach (array_slice($jenisVaksin, 0, rand(3, 5)) as $vaksin) {
17                 Imunisasi::create([
18                     'pasien_id' => $pasien->id,
19                     'jenis_vaksin' => $vaksin,
20                     'tanggal' => $pasien->tanggal_lahir->copy()->addMonths(rand(1, 12)),
21                     'status' => 'selesai',
22                 ]);
23             });
24         }
25     }
26 }

```

RoleSeeder.php

```

src > database > seeders > RoleSeeder.php > ...
2
3 namespace Database\Seeders;
4
5 use Illuminate\Database\Console\Seeds\WithoutModelEvents;
6 use Illuminate\Database\Seeder;
7 use App\Models\User;
8 use Spatie\Permission\Models\Role;
9
10
11 class RoleSeeder extends Seeder
12 {
13     /**
14      * Run the database seeds.
15     */
16     public function run(): void
17     {
18         Role::firstOrCreate(['name' => 'super_admin', 'guard_name' => 'web']);
19         Role::firstOrCreate(['name' => 'petugas', 'guard_name' => 'web']);
20     }
21 }
22
23 }
24

```

The Explorer sidebar shows the following structure:

- src**
 - database
 - migrations
 - seeders
 - RoleSeeder.php
 - UserSeeder.php
 - PasienSeeder.php
 - seeder
 - DatabaseSeeder.php
 - ImunisasiSeeder.php
 - PasienSeeder.php
 - RoleSeeder.php
 - UserSeeder.php
 - database
 - database.sqlite
 - lang
 - public
 - resources
 - routess
 - storage
 - tests
 - vendor
 - .editorconfig
 - .env
 - .env.example
 - .gitattributes
 - .gitignore
 - artisan
 - bun.lock
 - composer.json
 - composer.lock
 - package.json

21. Lakukan php artisan migrate:fresh --seed agar migrasi dan seeder terbaru masuk ke database

```

root@pemweb:~# docker exec -it pemweb bash
INFO Compiled views cleared successfully.
INFO Successfully upgraded!
Generated optimized autoload files containing 9177 classes
root@pemweb:/var/www/html# php artisan migrate:fresh --seed
Dropping all tables . . . . . 114.95ms DONE
INFO Preparing database.
Creating migration table . . . . . 12.77ms DONE
INFO Running migrations.
0001_01_01_000000_create_users_table . . . . . 64.48ms DONE
0001_01_01_000001_create_cache_table . . . . . 21.83ms DONE
0001_01_01_000007_create_jobs_table . . . . . 51.41ms DONE
2025_04_12_082932_create_permission_tables . . . . . 219.41ms DONE
2025_04_12_083218_create_activity_log_table . . . . . 33.65ms DONE
2025_04_12_083219_add_event_column_to_activity_log_table . . . . . 22.98ms DONE
2025_04_12_083220_add_batch_uuid_column_to_activity_log_table . . . . . 24.99ms DONE
2025_04_12_083341_add_themes_settings_to_users_table . . . . . 40.34ms DONE
2025_05_19_155058_create_pasien_table . . . . . 49.24ms DONE
2025_05_19_155104_create_imunisasi_table . . . . . 58.70ms DONE

INFO Seeding database.
Database\Seeders\RoleSeeder . . . . . RUNNING
Database\Seeders\RoleSeeder . . . . . 30 ms DONE
Database\Seeders\UserSeeder . . . . . RUNNING
Database\Seeders\UserSeeder . . . . . 512 ms DONE
Database\Seeders\PasienSeeder . . . . . RUNNING
Database\Seeders\PasienSeeder . . . . . 27 ms DONE
Database\Seeders\ImunisasiSeeder . . . . . RUNNING
Database\Seeders\ImunisasiSeeder . . . . . 39 ms DONE

```

22. lakukan php artisan shield:generate --all agar super_admin mendapatkan hak aksesnya

```

root@pemweb:/var/www/html# php artisan shield:generate --all
Which panel do you want to generate permissions/policies for?
admin

[INFO] Successfully generated Permissions & Policies for:

+---+
| # | Resource | Policy | Permissions |
+---+
| 1 | Activity | ActivityPolicy.php | view_activity,
|     |          |          | view_any_activity,
|     |          |          | create_activity,
|     |          |          | update_activity,
|     |          |          | delete_activity,
|     |          |          | delete_any_activity |
| 2 | Role     | RolePolicy.php | view_role,
|     |          |          | view_any_role,
|     |          |          | create_role,
|     |          |          | update_role,
|     |          |          | delete_role,
|     |          |          | delete_any_role |
| 3 | User     | UserPolicy.php | view_user,
|     |          |          | view_any_user,
|     |          |          | create_user,
|     |          |          | update_user,
|     |          |          | delete_user,
|     |          |          | delete_any_user |
+---+


[INFO] Successfully generated Page Permissions for:

+---+
| # | Page | Permission |
+---+


[INFO] Successfully generated Widget Permissions for:

+---+
| # | Widget | Permission |
+---+
| 1 | OverlookWidget | widget_overlookWidget |
+---+

```

23. Testing login menggunakan akun admin@demo.com

Type	Event	Description	User	Logged At
Access	Login	Super Admin logged in	Super Admin	May 19, 2025 17:10:30
Resource	Created	User Created	User # 3	May 19, 2025 17:09:22
Resource	Created	Role Created	Role # 1	May 19, 2025 17:09:21
Resource	Created	Role Created	Role # 2	May 19, 2025 17:09:21
Resource	Created	User Created	User # 1	May 19, 2025 17:09:21

24. Generate multi panel untuk petugas

```

root@pemweb:/var/www/html# php artisan migrate:fresh
Dropping all tables ..... 116.45ms DONE
[INFO] Preparing database.
Creating migration table ..... 10.99ms DONE
[INFO] Running migrations.

0001_01_01_000000_create_users_table      . 57.15ms DONE
0001_01_01_000001_create_cache_table       . 18.15ms DONE
0001_01_01_000002_create_jobs_table        . 46.30ms DONE
2025_04_12_082932_create_permission_tables . 204.86ms DONE
2025_04_12_083218_create_activity_log_table. 32.47ms DONE
2025_04_12_083219_add_event_column_to_activity_log_table. 23.29ms DONE
2025_04_12_083220_add_batch_uuid_column_to_activity_log_table. 22.61ms DONE
2025_04_12_083341_add_themes_settings_to_users_table. 39.54ms DONE
2025_05_19_155058_create_pasien_table     . 47.24ms DONE
2025_05_19_155104_create_imunisasi_table  . 39.57ms DONE

root@pemweb:/var/www/html# php artisan make:filament-panel petugas
[INFO] Filament panel [app/Providers/Filament/PetugasPanelProvider.php] created successfully.

[WARN] We've attempted to register the PetugasPanelProvider in your [bootstrap/providers.php] file. If you get an error while trying to access your panel then this process has probably failed. You can manually register the service provider by adding it to the array.

root@pemweb:/var/www/html#

```

25. generate semua filament-resource pada panel admin

```

Warpify subshell Ctrl + I
Do not show again ×

~/Perkuliahan/Semester 4/PemWeb/uts git:(main)±5
docker exec -it pemweb bash
| # | Page | Permission |
| 3 | User | view_any_role,
|    |       | create_role,
|    |       | update_role,
|    |       | delete_role,
|    |       | delete_any_role ✓
|    |       | view_user,
|    |       | view_any_user,
|    |       | create_user,
|    |       | update_user,
|    |       | delete_user,
|    |       | delete_any_user ✓ |
+---+-----+-----+
[INFO] Successfully generated Page Permissions for:

| # | Widget | Permission |
| 1 | Awcodes\Overlook\Widgets\OverlookWidget | widget_OverlookWidget |
| 2 | App\Filament\Admin\Widgets\LatestAccessLogs | widget_LatestAccessLogs |
+-----+-----+-----+
root@pemweb:/var/www/html# php artisan make:filament-panel petugas
[INFO] Filament panel [app/Providers/Filament/PetugasPanelProvider.php] created successfully.

[WARN] We've attempted to register the PetugasPanelProvider in your [bootstrap/providers.php] file. If you get an error while trying to access your panel then this process has probably failed. You can manually register the service provider by adding it to the array.

root@pemweb:/var/www/html# php artisan make:filament-resource Pasien --generate --panel=admin
[INFO] Filament resource [app/Filament/Admin/Resources/PasienResource.php] created successfully.

root@pemweb:/var/www/html# php artisan make:filament-resource Imunisasi --generate --panel=admin
[INFO] Filament resource [app/Filament/Admin/Resources/ImunisasiResource.php] created successfully.

root@pemweb:/var/www/html#

```

26. testing pada akun admin@demo.com pada panel admin

The screenshot shows the ChieldHealth application's dashboard. On the left, a sidebar menu includes 'Dashboard' (selected), 'Imunisasi', 'Pasien', 'Administration' (expanded), 'Users' (with 3 items), 'Roles' (with 2 items), and 'Activity Log'. The main content area is titled 'Dashboard' and features a 'Users' section with a count of 3. Below it is a table titled 'Latest Access Logs' with columns: Type, Event, Description, Subject, User, and Logged At. The table contains six rows of log entries.

Type	Event	Description	Subject	User	Logged At
Access	Login	Super Admin logged in		Super Admin	May 19, 2025 18:06:41
Access	Login	Super Admin logged in		Super Admin	May 19, 2025 18:01:57
Resource	Created	Role Created	Role #1		May 19, 2025 18:01:39
Resource	Created	Role Created	Role #2		May 19, 2025 18:01:39
Resource	Created	User Created	User #1		May 19, 2025 18:01:39

27. Cek apakah Imunisasi dan Pasien sudah mendapatkan data dummy atau belum

The screenshot shows the ChieldHealth application's 'Imunisasi' list page. The sidebar menu is identical to the previous dashboard screenshot. The main content area is titled 'Imunisasi > List' and shows a table of vaccination records. A 'New Imunisasi' button is located in the top right corner of the table header. The table has columns: Pasien Id, Jenis vaksin, Tanggal, and Status. Each row includes an edit link (Edit with a checkmark icon). The table shows 10 results out of 19 total.

Pasien Id	Jenis vaksin	Tanggal	Status
1	BCG	Mar 1, 1983	selesai
1	Polio	Oct 1, 1982	selesai
1	DPT	Aug 1, 1982	selesai
2	BCG	Jan 17, 1999	selesai
2	Polio	Mar 17, 1999	selesai
2	DPT	Aug 17, 1998	selesai
2	Hepatitis B	Sep 17, 1998	selesai
2	Campak	Apr 17, 1998	selesai
3	BCG	Oct 8, 1983	selesai
3	Polio	Jul 8, 1984	selesai

Nik	Nama	Tanggal lahir	Jenis kelamin	Nama ortu	Foto	Petugas id
6096468756	Ms. Caleigh Boyle	Jul 1, 1982	L	Richie Altenwerth Jr.	2	<input checked="" type="checkbox"/> Edit
2753609889	Molly Schiller	Mar 17, 1998	P	Prof. Edmond Terry	2	<input checked="" type="checkbox"/> Edit
4468195969	Aditya Kirlin	Aug 8, 1983	L	Mr. Reuben Funk Sr.	2	<input checked="" type="checkbox"/> Edit
0858270470	Winifred Okuneva	Nov 5, 2000	L	Van Hansen	2	<input checked="" type="checkbox"/> Edit
0509594924	Aileen Altenwerth	Mar 26, 1974	L	Dr. Deontae Schuster	2	<input checked="" type="checkbox"/> Edit
1470387453	Amara Smitham MD	Mar 30, 1976	P	Mr. Cade Willms DVM	3	<input checked="" type="checkbox"/> Edit
9255022603	Archibald Rowe	Sep 25, 1988	P	Titus Eichmann	3	<input checked="" type="checkbox"/> Edit
1996287678	Miss Beaulah Lueilwitz	Oct 29, 1974	P	Andrew Lakin	3	<input checked="" type="checkbox"/> Edit
4180355283	Stevie Klocko III	Sep 13, 1985	P	Dr. Quinten Walker	3	<input checked="" type="checkbox"/> Edit
2497866736	Cordia Kihn	Oct 3, 1977	L	Dr. Riley Hammes DDS	3	<input checked="" type="checkbox"/> Edit

28. generate filament-resource untuk panel petugas

```

root@pemweb:~# docker exec -it pemweb bash
~/Perkuliahan/Semester 4/PemWeb/uts git:(main)±5
docker exec -it pemweb bash
+-----+-----+-----+
| # | Page | Permission |
+-----+-----+-----+
|   | update user,
|   | delete user,
|   | delete_any_user ✓
+-----+-----+-----+
[INFO] Successfully generated Page Permissions for:

+-----+-----+-----+
| # | Widget | Permission |
+-----+-----+-----+
| 1 | Awcodes\Overlook\Widgets\OverlookWidget | widget_OverlookWidget |
| 2 | App\Filament\Admin\Widgets\LatestAccessLogs | widget_LatestAccessLogs |
+-----+-----+-----+
root@pemweb:/var/www/html# php artisan make:filament-panel petugas
[INFO] Filament panel [app/Providers/Filament/PetugasPanelProvider.php] created successfully.
[WARN] We've attempted to register the PetugasPanelProvider in your [bootstrap/providers.php] file. If you get an error while trying to access your panel then this process has probably failed. You can manually register the service provider by adding it to the array.
root@pemweb:/var/www/html# php artisan make:filament-resource Pasien --generate --panel=admin
[INFO] Filament resource [app/Filament/Admin/Resources/PasienResource.php] created successfully.
root@pemweb:/var/www/html# php artisan make:filament-resource Imunisasi --generate --panel=admin
[INFO] Filament resource [app/Filament/Admin/Resources/ImunisasiResource.php] created successfully.
root@pemweb:/var/www/html# php artisan make:filament-resource Imunisasi --generate --panel=petugas
[INFO] Filament resource [app/Filament/Petugas/Resources/ImunisasiResource.php] created successfully.
root@pemweb:/var/www/html# php artisan make:filament-resource Pasien --generate --panel=petugas
[INFO] Filament resource [app/Filament/Petugas/Resources/PasienResource.php] created successfully.
root@pemweb:/var/www/html#

```

29. testing pada akun petugas1@demo.com untuk login pada panel petugas

The screenshot shows a browser window titled 'Dashboard - ChieldHealth'. The address bar shows 'localhost/petugas'. The page content includes a sidebar with 'Dashboard', 'Imunisasi', and 'Pasiens'. The main area has a 'Welcome Petugas 1' message with a 'Sign out' button. There's also a 'filament v3.2.10' logo and links for 'Documentation' and 'GitHub'. The bottom of the screen shows a taskbar with various icons.

30. cek pada imunisasi dan pasien

The screenshot shows a browser window titled 'Imunisasi - ChieldHealth'. The address bar shows 'localhost/petugas/imunisasi'. The page content includes a sidebar with 'Dashboard', 'Imunisasi', and 'Pasiens'. The main area shows a table titled 'Imunisasi' with columns: Pasien id, Jenis vaksin, Tanggal, and Status. The table lists 19 rows of vaccination data. A 'New imunisasi' button is visible at the top right. The bottom of the screen shows a taskbar with various icons.

Pasien id	Jenis vaksin	Tanggal	Status	Action
1	BCG	Mar 1, 1983	selesai	Edit
1	Polio	Oct 1, 1982	selesai	Edit
1	DPT	Aug 1, 1982	selesai	Edit
2	BCG	Jan 17, 1999	selesai	Edit
2	Polio	Mar 17, 1999	selesai	Edit
2	DPT	Aug 17, 1998	selesai	Edit
2	Hepatitis B	Sep 17, 1998	selesai	Edit
2	Campak	Apr 17, 1998	selesai	Edit
3	BCG	Oct 8, 1983	selesai	Edit
3	Polio	Jul 8, 1984	selesai	Edit
4	BCG	Mar 1, 1983	selesai	Edit
4	Polio	Oct 1, 1982	selesai	Edit
4	DPT	Aug 1, 1982	selesai	Edit
5	BCG	Jan 17, 1999	selesai	Edit
5	Polio	Mar 17, 1999	selesai	Edit
5	DPT	Aug 17, 1998	selesai	Edit
5	Hepatitis B	Sep 17, 1998	selesai	Edit
5	Campak	Apr 17, 1998	selesai	Edit
6	BCG	Oct 8, 1983	selesai	Edit
6	Polio	Jul 8, 1984	selesai	Edit
7	BCG	Mar 1, 1983	selesai	Edit
7	Polio	Oct 1, 1982	selesai	Edit
7	DPT	Aug 1, 1982	selesai	Edit
8	BCG	Jan 17, 1999	selesai	Edit
8	Polio	Mar 17, 1999	selesai	Edit
8	DPT	Aug 17, 1998	selesai	Edit
8	Hepatitis B	Sep 17, 1998	selesai	Edit
8	Campak	Apr 17, 1998	selesai	Edit
9	BCG	Oct 8, 1983	selesai	Edit
9	Polio	Jul 8, 1984	selesai	Edit
10	BCG	Mar 1, 1983	selesai	Edit
10	Polio	Oct 1, 1982	selesai	Edit
10	DPT	Aug 1, 1982	selesai	Edit
11	BCG	Jan 17, 1999	selesai	Edit
11	Polio	Mar 17, 1999	selesai	Edit
11	DPT	Aug 17, 1998	selesai	Edit
11	Hepatitis B	Sep 17, 1998	selesai	Edit
11	Campak	Apr 17, 1998	selesai	Edit
12	BCG	Oct 8, 1983	selesai	Edit
12	Polio	Jul 8, 1984	selesai	Edit
13	BCG	Mar 1, 1983	selesai	Edit
13	Polio	Oct 1, 1982	selesai	Edit
13	DPT	Aug 1, 1982	selesai	Edit
14	BCG	Jan 17, 1999	selesai	Edit
14	Polio	Mar 17, 1999	selesai	Edit
14	DPT	Aug 17, 1998	selesai	Edit
14	Hepatitis B	Sep 17, 1998	selesai	Edit
14	Campak	Apr 17, 1998	selesai	Edit
15	BCG	Oct 8, 1983	selesai	Edit
15	Polio	Jul 8, 1984	selesai	Edit
16	BCG	Mar 1, 1983	selesai	Edit
16	Polio	Oct 1, 1982	selesai	Edit
16	DPT	Aug 1, 1982	selesai	Edit
17	BCG	Jan 17, 1999	selesai	Edit
17	Polio	Mar 17, 1999	selesai	Edit
17	DPT	Aug 17, 1998	selesai	Edit
17	Hepatitis B	Sep 17, 1998	selesai	Edit
17	Campak	Apr 17, 1998	selesai	Edit
18	BCG	Oct 8, 1983	selesai	Edit
18	Polio	Jul 8, 1984	selesai	Edit
19	BCG	Mar 1, 1983	selesai	Edit
19	Polio	Oct 1, 1982	selesai	Edit
19	DPT	Aug 1, 1982	selesai	Edit

	Nik	Nama	Tanggal lahir	Jenis kelamin	Nama ortu	Foto	Petugas id	Action
	6096468756	Ms. Caleigh Boyle	Jul 1, 1962	L	Richie Altenwerth Jr.	2		
	2753609889	Molly Schiller	Mar 17, 1998	P	Prof. Edmond Terry	2		
	4468195969	Aditya Kirlin	Aug 8, 1983	L	Mr. Reuben Funk Sr.	2		
	0858270470	Winifred Okuneva	Nov 5, 2000	L	Van Hansen	2		
	0509954924	Aileen Altenwerth	Mar 26, 1974	L	Dr. Deontae Schuster	2		
	1470387453	Amara Smitham MD	Mar 30, 1976	P	Mr. Cade Willms DVM	3		
	9255022603	Archibald Rowe	Sep 25, 1988	P	Titus Eichmann	3		
	1998287678	Miss Beaulah Lueilwitz	Oct 29, 1974	P	Andrew Lakin	3		
	4180355283	Stevie Klocko III	Sep 13, 1985	P	Dr. Quinten Walker	3		
	2497866736	Cordia Kihn	Oct 3, 1977	L	Dr. Riley Hammes DDS	3		

Showing 1 to 10 of 10 results



31. Enhance pada ImunisasiResource pada panel petugas agar mudah dibaca, sehingga akan menjadi pada seperti tampilan localhost di panel petugas

```

1 <?php
2
3 namespace App\Filament\Petugas\Resources;
4
5 use App\Filament\Petugas\Resources\ImunisasiResource\Pages;
6 use App\Models\Imunisasi;
7 use App\Models\Pasien;
8 use Filament\Forms;
9 use Filament\Forms\Form;
10 use Filament\Resources\Resource;
11 use Filament\Tables;
12 use Filament\Tables\Table;
13 use Illuminate\Database\Eloquent\Builder;
14 use Illuminate\Database\Eloquent\Model;
15
16 class ImunisasiResource extends Resource
17 {
18     protected static ?string $model = Imunisasi::class;
19
20     protected static ?string $navigationIcon = 'heroicon-o-shield-check';
21
22     protected static ?string $modelLabel = 'Imunisasi';
23
24     protected static ?string $navigationLabel = 'Catatan Imunisasi';
25
26     protected static ?string $navigationGroup = 'Data Kesehatan';
27
28     public static function form(Form $form): Form
29     {
30         return $form
31             ->schema([
32                 Form::Components\Select::make('pasien_id')
33                     ->label('Nama Pasien')
34                     ->required()
35                     ->searchable()
36                     ->options([
37                         Pasien::where('petugas_id', auth()->id())
38                             ->pluck('nama', 'id')
39                     ])
40                     ->native(false),
41
42                 Form::Components\Select::make('jenis_vaksin')
43                     ->required()
44                     ->options([
45                         'BCG' => 'BCG',
46                         'Polio' => 'Polio',
47                         'DPT' => 'DPT',
48                         'Hepatitis B' => 'Hepatitis B',
49                         'Cmpak' => 'Cmpak',
50                     ])
51                     ->native(false),
52
53                 Form::Components\DatePicker::make('tanggal')
54                     ->required()
55                     ->maxDate(now())
56             ])
57         );
58     }
59
60     public static function route(): Route
61     {
62         return Route::resource('imunisasi', ImunisasiResource::class);
63     }
64
65     protected static function query(): Model
66     {
67         return Imunisasi::query();
68     }
69
70     protected static function getRelations(): array
71     {
72         return [
73             'pasien' -> Pasien::query(),
74             'vaksin' -> Vaksin::query(),
75         ];
76     }
77
78     protected static function mapRoute(): string
79     {
80         return 'petugas.imunisasi';
81     }
82
83     protected static function mapIcon(): string
84     {
85         return 'heroicon-o-shield-check';
86     }
87
88     protected static function getLabels(): array
89     {
90         return [
91             'imunisasi' -> 'Catatan Imunisasi',
92             'pasien' -> 'Pasien',
93             'vaksin' -> 'Vaksin',
94         ];
95     }
96
97     protected static function getGroups(): array
98     {
99         return [
100            'Data Kesehatan' -> [
101                'imunisasi'
102            ]
103        ];
104    }
105 }
106 
```

The screenshot shows a web browser window for the ChieldHealth application. The URL is `localhost/petugas/imunisasi`. The page title is "Imunisasi". On the left sidebar, there are links for "Dashboard" and "Pasien". Under "Data Kesehatan", there is a section titled "Catatan Imunisasi". The main content area displays a table titled "Imunisasi" with the following columns: "Nama Pasien", "Jenis vaksin", "Tanggal", and "Status". The table contains 10 rows of data. At the top right of the table, there is a "New Imunisasi" button. Below the table, there is a search bar and a pagination area showing "Showing 1 to 10 of 19 results" and "Per page 10". The status column for all entries is "selesai". The bottom of the screen shows a Mac OS X dock with various application icons.

disini, petugas1 maupun petugas2 tidak bisa menghapus data

The screenshot shows a web browser window for the ChieldHealth application. The URL is `localhost/petugas/imunisasi/create`. The page title is "Create Imunisasi". The left sidebar has links for "Dashboard" and "Pasien". Under "Data Kesehatan", there is a section titled "Catatan Imunisasi". The main form has fields for "Nama Pasien", "Jenis vaksin", "Tanggal", and "Status". The "Nama Pasien" and "Jenis vaksin" fields are dropdown menus. The "Tanggal" field is a date input. The "Status" field is a dropdown menu with "Selesai" selected. At the bottom right of the form, there are buttons for "Cancel", "Create & create another", and "Create". The status of the "Create" button is highlighted in orange. The bottom of the screen shows a Mac OS X dock with various application icons.

32. Enhance pada PasienResource pada panel petugas agar mudah dibaca, sehingga akan menjadi pada seperti tampilan localhost di panel petugas

```

1 <?php
2
3 namespace App\Filament\Petugas\Resources;
4
5 use App\Filament\Petugas\Resources\PasienResource\Pages;
6 use App\Models\Pasien;
7 use Filament\Forms;
8 use Filament\Forms\Form;
9 use Filament\Resources\Resource;
10 use Filament\Tables;
11 use Filament\Tables\Table;
12 use Illuminate\Database\Eloquent\Builder;
13 use Illuminate\Support\Str;
14
15 class PasienResource extends Resource
16 {
17     protected static ?string $model = Pasien::class;
18
19     protected static ?string $navigationIcon = 'heroicon-o-user-group';
20
21     protected static ?string $modelLabel = 'Pasien';
22
23     protected static ?string $navigationLabel = 'Data Pasien';
24
25     protected static ?string $navigationGroup = 'Manajemen Data';
26
27     protected static ?int $navigationSort = 1;
28
29     public static function form(Form $form): Form
30     {
31         return $form
32             --schema([
33                 Forms\Components\Section::make('Identitas Pasien')
34                     --schema([
35                         Forms\Components\FileUpload::make('foto')
36                             --label('Foto Pasien')
37                             --image()
38                             --directory('pasien-photos')
39                             --maxSize(2048) // 2MB
40                             --columnsPerRowFull(),
41
42                         Forms\Components\TextInput::make('nik')
43                             --label('NIK')
44                             --required()
45                             --unique(ignoreRecord: true)
46                             --length(16)
47                             --minLength(16)
48                             --mask('9999999999999999'),
49
50                         Forms\Components\TextInput::make('nama')
51                             --required()
52                             --maxLength(255),
53
54                         Forms\Components\DatePicker::make('tanggal_lahir')
55                             --required()
56                     ])
57             ]);
58     }
59 }

```

Foto	NIK	Nama	Usia	JK	Orang Tua
	1470387453	Amara Smitham MD	49 tahun	Perempuan	Mr. Cade Willms DVM
	9255022603	Archibald Rowe	36 tahun	Perempuan	Titus Eichmann
	1998287678	Miss Beaulah Lueiwitz	50 tahun	Perempuan	Andrew Lakin
	4180355283	Stevie Klocko III	39 tahun	Perempuan	Dr. Quinten Walker
	2497866736	Cordia Kihn	47 tahun	Laki-laki	Dr. Riley Hammes DDS

Screenshot of a web application titled "Create Pasien - ChildHealth" showing a form for creating a patient record.

The URL in the browser is `localhost/petugas/pasiens/create`.

The page title is "Create Pasien".

The left sidebar shows navigation links: Dashboard, Data Kesehatan, Catatan Imunisasi, Manajemen Data, and Data Pasien (highlighted).

The main form is divided into sections:

- Identitas Pasien**: Fields include "Foto Pasien" (with a placeholder "Drag & Drop your files or Browse"), "NIK*" (text input), "Nama*" (text input), "Tanggal lahir*" (date input), and "Jenis kelamin*" (dropdown menu).
- Data Orang Tua**: Fields include "Nama Orang Tua*" (text input) and "Alamat*" (text area).

At the bottom right are buttons: "Cancel", "Create & create another", and a highlighted "Create" button.

33. Cek apakah data pasien yang ditangani oleh 2 petugas itu berbeda? disini saya akan memberikan perbandingannya
petugas 1

The screenshot shows the ChieldHealth application interface. The top navigation bar includes links for 'Dashboard', 'Pasien', 'List', and 'New Pasien'. The main content area is titled 'Pasien' and displays a table of patient records. The columns are labeled 'Foto', 'NIK', 'Nama', 'Usia', 'JK', and 'Orang Tua'. The table contains 5 rows of data. At the bottom of the table, there is a search bar and a 'Per page' dropdown set to 50.

Foto	NIK	Nama	Usia	JK	Orang Tua
MB	6096468756	Ms. Caleigh Boyle	42 tahun	Laki-laki	Richie Altenwerth Jr.
MS	2753609889	Molly Schiller	27 tahun	Perempuan	Prof. Edmond Terry
AH	4468195969	Aditya Kirlin	41 tahun	Laki-laki	Mr. Reuben Funk Sr.
WO	0858270470	Winifred Okuneva	24 tahun	Laki-laki	Van Hansen

This screenshot is identical to the one above, showing the ChieldHealth application's patient list page. It displays the same 5 rows of patient data in the table, indicating that no new users have been added since the previous screenshot.

34. Cek users, pasien, dan imunisasi apakah sesuai dengan data dummy yang disebutkan pada SRS

users @ uts_pemweb (wsl-localhost) - Table

	id	avatar_url	name	email	email_verified_at	password	role	remember_token	created_at	updated_at	theme
1	(null)	Super Admin	admin@demo.com	(null)	(null)	\$2y\$12\$Ag0DD026hUEAmTp...	super_admin	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39	sunset
2	(null)	Petugas 1	petugas1@demo.com	(null)	(null)	\$2y\$12\$gjNClDGryJmMtHQ...	petugas	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39	sunset
3	(null)	Petugas 2	petugas2@demo.com	(null)	(null)	\$2y\$12\$gqQeGRWAdmLyRv1...	petugas	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39	sunset

pasien @ uts_pemweb (wsl-localhost) - Table

	id	nik	nama	tanggal_lahir	jenis_kelamin	alamat	nama_ortu	foto	petugas_id	created_at	updated_at
1	6096468756	Mrs. Caleigh Boyle	1982-07-01	L	6718 Ondricka Track Apt. 030...	Richie Altenwerth Jr.	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
2	2753609889	Molly Schiller	1998-03-17	P	22538 Lucile Center...	Prof. Edmund Terry	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
3	4468195969	Aditya Kirlin	1983-08-08	L	60737 Hettie Ports Apt. 314...	Mr. Reuben Funk Sr.	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
4	0858270470	Winifred Okuneva	2000-11-05	L	7840 Blanda Prairie...	Van Hansen	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
5	0509594924	Aileen Altenwerth	1974-03-26	L	99905 Madelyn Ford Apt. 839...	Dr. Deonate Schuster	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
6	1470387453	Amara Smitham MD	1976-03-30	P	5009 Hubert Burg...	Mr. Cade Willens DVM	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
7	9255022603	Archibald Rowe	1988-09-25	P	4067 Jazmin Forks...	Titus Etchmann	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
8	1998287678	Miss Beaullah Luehwitz	1974-10-29	P	5625 Claude Park Suite 364...	Andrew Lakin	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
9	4180355283	Stevie Klocko III	1985-09-13	P	27538 Halley Crest...	Dr. Quinten Walker	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39
10	2497866736	Cordia Kihn	1977-10-03	L	454 Pagat Mount Suite 247...	Dr. Riley Hammes DDS	(null)	(null)	(null)	2025-05-19 18:01:39	2025-05-19 18:01:39

MySQL Workbench Screenshot:

	id	pasien_id	jenis_vaksin	tanggal	status	created_at	updated_at
1	1	BCG	1983-03-01	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
2	1	Polio	1982-10-01	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
3	1	DPT	1982-08-01	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
4	2	BCG	1999-01-17	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
5	2	Polio	1999-03-17	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
6	2	DPT	1998-08-17	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
7	2	Hepatitis B	1998-09-17	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
8	2	Campak	1998-04-17	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
9	3	BCG	1983-10-08	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
10	3	Polio	1984-07-08	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
11	3	DPT	1983-09-08	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
12	4	BCG	2001-03-05	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
13	4	Polio	2001-03-05	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
14	4	DPT	2001-04-05	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
15	4	Hepatitis B	2001-02-05	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
16	5	BCG	1974-07-26	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
17	5	Polio	1974-11-26	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
18	5	DPT	1974-11-26	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	
19	5	Hepatitis B	1974-12-26	selesai	2025-05-19 18:01:39	2025-05-19 18:01:39	

35. Untuk tampilan mobile bisa dicek ketika sudah bisa diakses secara public, namun pada tahap implementasi kali ini hanya diimplementasi pada dekstop (laptop/pc). Namun laravel 12 dan filament v3 (fila-starter kit) sudah mendukung untuk tampilan mobile, sumber gemini ai

Google Search Results Screenshot:

Search Query: apakah laravel filament sudah mendukung mobile untuk aksesibilitasnya?

Result Preview:

Apakah Laravel Filament Sudah Mendukung Mobile Untuk Aksesibilitasnya? - Laravel Filament

Yuk kita bahas mengenai apakah Laravel Filament mendukung mobile untuk aksesibilitasnya. Sebenarnya, Filament dirancang untuk tampilan web, tetapi terdapat beberapa cara untuk membuat aplikasi berbasis Filament menjadi responsif dan dapat digunakan di perangkat mobile.

Cara Mendukung Mobile:

- Rancang dengan Responsif: Pastikan desain UI/UX aplikasi Anda berbasiskan Filament dirancang dengan prinsip responsif, yaitu dapat menyesuaikan ukuran dan tampilan secara otomatis sesuai dengan perangkat yang digunakan, termasuk perangkat mobile.
- Gunakan Komponen Filament yang Responsif: Filament menyediakan berbagai komponen yang sudah dirancang responsif, seperti tabel, formulir, dan tombol. Gunakan komponen-komponen ini untuk membangun antarmuka yang dapat diakses dengan mudah di berbagai perangkat, termasuk mobile.
- Membuat Komponen Mobile Khusus (Jika Perlu): Jika ada kebutuhan khusus, Anda dapat membuat komponen mobile yang lebih disesuaikan dengan perangkat mobile.
- Menggunakan Framework Mobile (Jika Diperlukan): Jika aplikasi Anda memerlukan fitur-fitur mobile yang lebih kompleks (seperti geolokasi, face recognition), Anda dapat menggunakan Filament dengan framework mobile seperti Flutter.

Contoh:

- Sistem presensi pegawai yang dibangun menggunakan Laravel Filament dan Flutter dapat menggunakan data yang diinputkan di web melalui Filament dan ditampilkan dalam aplikasi mobile Flutter.

Penting:

- Pastikan untuk melakukan pengujian di berbagai perangkat mobile untuk memastikan aplikasi berbasis Filament Anda berjalan dengan baik dan mudah diakses.
- Perhatikan aksesibilitas untuk penguna yang memiliki kebutuhan khusus, seperti pengguna dengan disabilitas.