

DOKUMENTASI WISATAKU PEMESANAN TIKET WISATA



DOSEN PENGAMPU:

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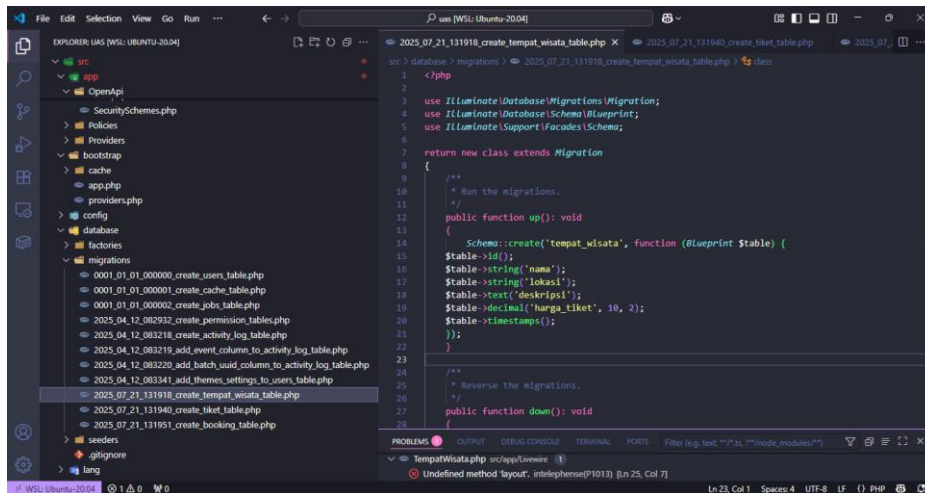
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PRODI ILMU KOMPUTER

FAKULTAS TEKNIK INFORMATIKA

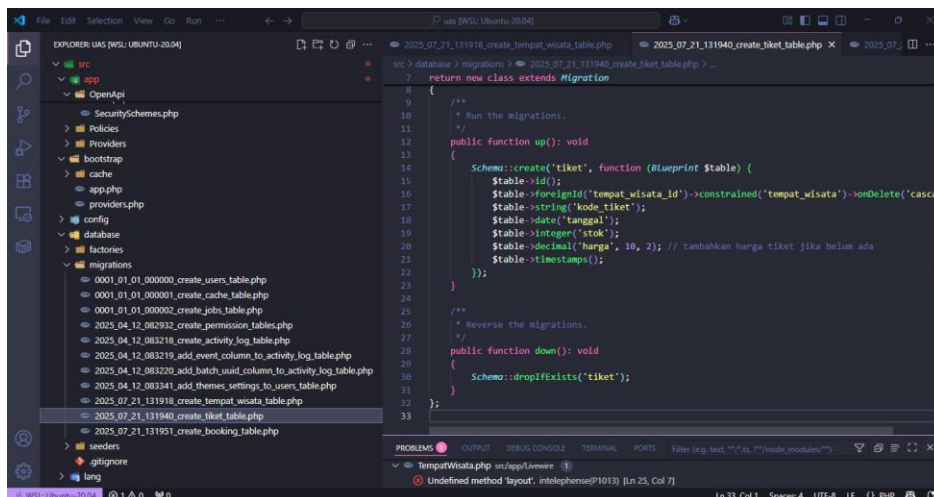
1. Membuat Migration `create_tempat_wisata_table.php` dengan perintah `php artisan make:migration tempatwisata`.



The screenshot shows the Visual Studio Code editor with a file explorer on the left and a code editor on the right. The file explorer shows the project structure, including the `migrations` directory. The code editor displays the content of `2025_07_21_131918_create_tempat_wisata_table.php`. The code defines a migration class that creates a table named `tempat_wisata` with columns: `id` (primary key), `nama` (string), `lokasi` (string), `deskripsi` (text), `harga_tiket` (decimal), and `timestamps` (timestamps).

```
<?php
<php>
1
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('tempat_wisata', function (Blueprint $table) {
15             $table->id();
16             $table->string('nama');
17             $table->string('lokasi');
18             $table->text('deskripsi');
19             $table->decimal('harga_tiket', 10, 2);
20             $table->timestamps();
21         });
22     }
23
24     /**
25      * Reverse the migrations.
26      */
27     public function down(): void
28     {
29     }
30 }
```

2. Membuat Migration `create_tiket_table.php` dengan perintah `php artisan make:migration tiket`.

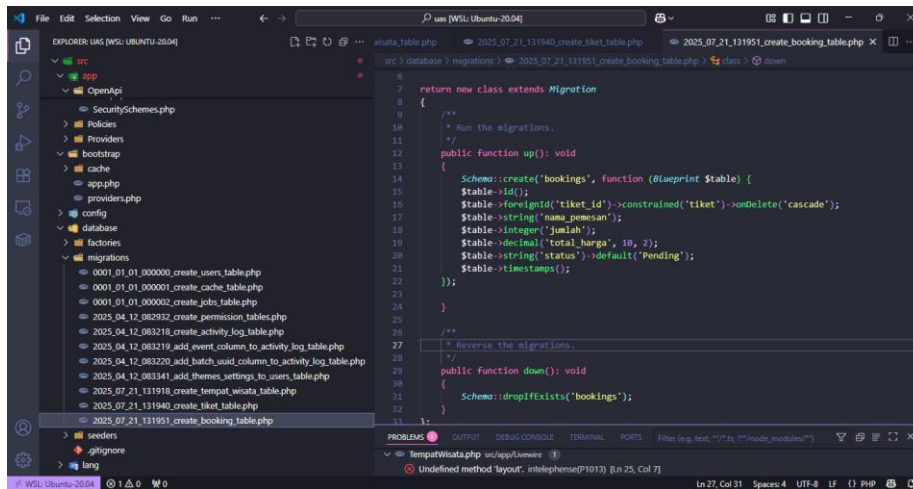


The screenshot shows the Visual Studio Code editor with a file explorer on the left and a code editor on the right. The file explorer shows the project structure, including the `migrations` directory. The code editor displays the content of `2025_07_21_131940_create_tiket_table.php`. The code defines a migration class that creates a table named `tiket` with columns: `id` (primary key), `tempat_wisata_id` (foreign key to `tempat_wisata`), `kode_tiket` (string), `tanggal` (date), `stok` (integer), `harga` (decimal), and `timestamps` (timestamps). The `down` method is also defined to drop the table if it exists.

```

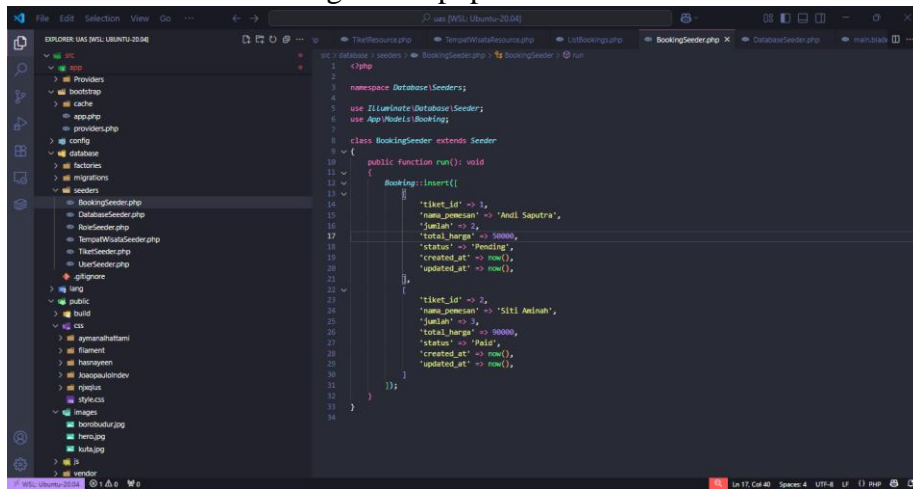
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::create('tiket', function (Blueprint $table) {
15             $table->id();
16             $table->foreignId('tempat_wisata_id')->constrained('tempat_wisata')->onDelete('cascade');
17             $table->string('kode_tiket');
18             $table->date('tanggal');
19             $table->integer('stok');
20             $table->decimal('harga', 10, 2); // tambahkan harga tiket jika belum ada
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      */
28     public function down(): void
29     {
30         Schema::dropIfExists('tiket');
31     }
32 }
```

3. Membuat Migration `create_booking_table.php` dengan perintah `php artisan make:migration booking`.



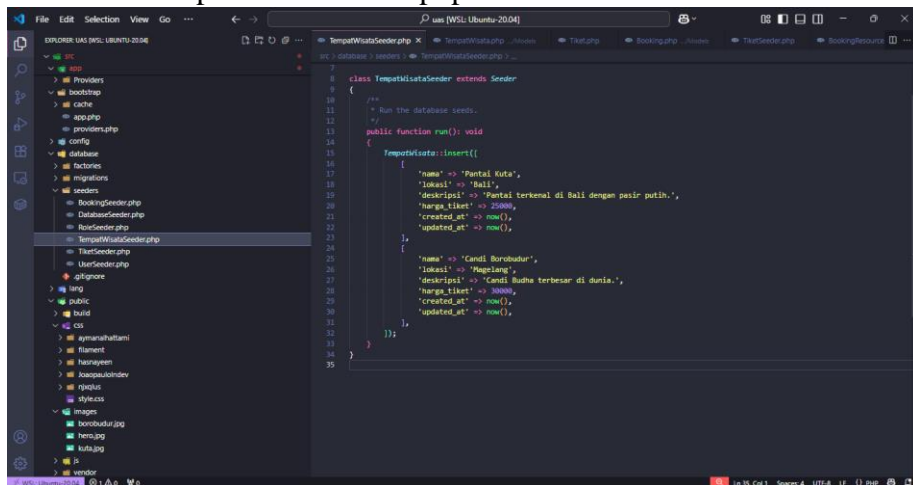
```
1 return new class extends Migration
2 {
3     /**
4      * Run the migrations.
5      */
6     public function up(): void
7     {
8         Schema::create('bookings', function (Blueprint $table) {
9             $table->id();
10            $table->foreignId('ticket_id')->constrained('tickets')->onDelete('cascade');
11            $table->string('nama_pemesan');
12            $table->integer('jumlah');
13            $table->decimal('total_harga', 18, 2);
14            $table->string('status')->default('Pending');
15            $table->timestamps();
16        });
17    }
18
19    /**
20     * Reverse the migrations.
21     */
22    public function down(): void
23    {
24        Schema::dropIfExists('bookings');
25    }
26 }
```

4. Membuat Seeder `BookingSeeder.php`



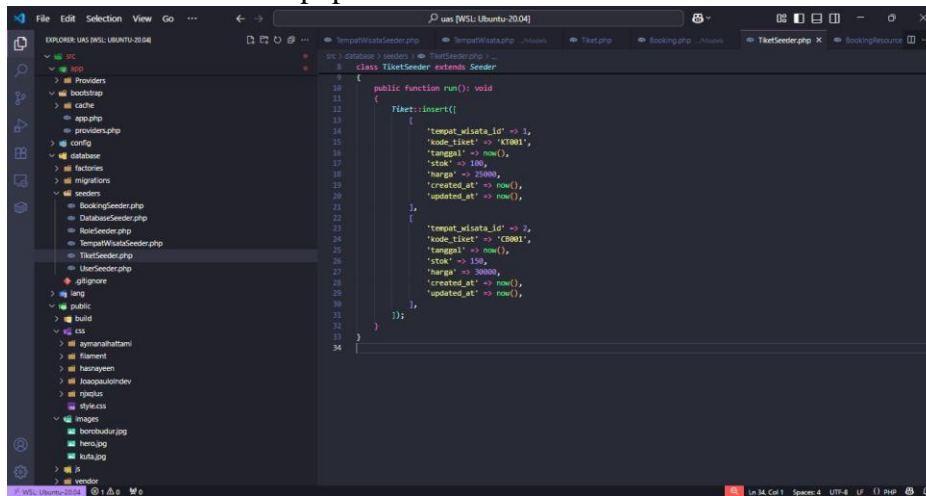
```
1 <?php
2
3 namespace Database\Seeders;
4
5 use Illuminate\Database\Seeder;
6 use App\Models\Booking;
7
8 class BookingSeeder extends Seeder
9 {
10     /**
11      * Run the database seeds.
12      */
13     public function run(): void
14     {
15         Booking::insert([
16             [
17                 'ticket_id' => 1,
18                 'nama_pemesan' => 'Andi Saputra',
19                 'jumlah' => 2,
20                 'total_harga' => 50000,
21                 'status' => 'Pending',
22                 'created_at' => now(),
23                 'updated_at' => now(),
24             ],
25             [
26                 'ticket_id' => 2,
27                 'nama_pemesan' => 'Siti Aminah',
28                 'jumlah' => 1,
29                 'total_harga' => 90000,
30                 'status' => 'Pala',
31                 'created_at' => now(),
32                 'updated_at' => now(),
33             ],
34         ]);
35     }
36 }
```

5. Membuat `TempatWisataSeeder.php`



```
1 <?php
2
3 namespace Database\Seeders;
4
5 use Illuminate\Database\Seeder;
6
7 class TempatWisataSeeder extends Seeder
8 {
9     /**
10      * Run the database seeds.
11      */
12     public function run(): void
13     {
14         TempatWisata::insert([
15             [
16                 'nama' => 'Pantai Kuta',
17                 'lokasi' => 'Bali',
18                 'deskripsi' => 'Pantai terkenal di Bali dengan pasir putih.',
19                 'harga_tiket' => 25000,
20                 'created_at' => now(),
21                 'updated_at' => now(),
22             ],
23             [
24                 'nama' => 'Candi Borobudur',
25                 'lokasi' => 'Magelang',
26                 'deskripsi' => 'Candi Buddha terbesar di dunia.',
27                 'harga_tiket' => 10000,
28                 'created_at' => now(),
29                 'updated_at' => now(),
30             ],
31         ]);
32     }
33 }
```

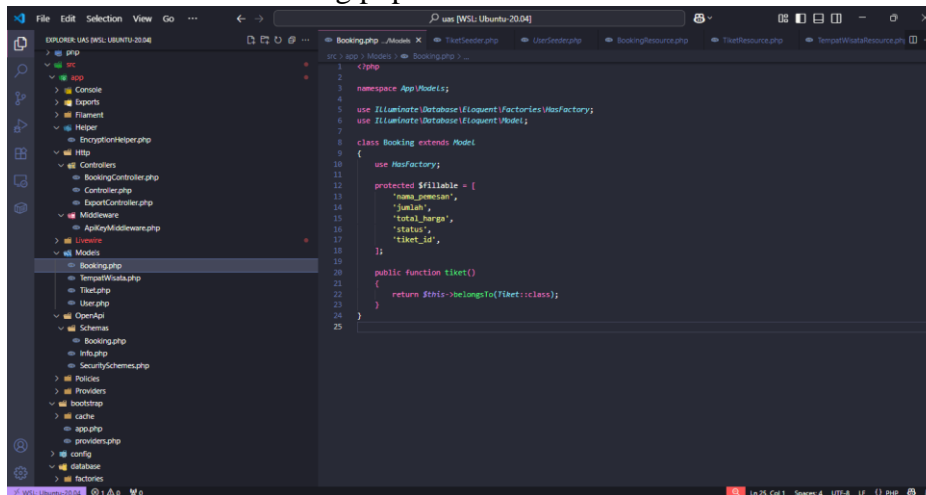
6. Membuat TiketSeeder.php



The screenshot shows the VS Code editor with the file explorer on the left. The file explorer shows the project structure with folders like 'src', 'database', 'factories', 'migrations', 'seeds', 'lang', 'public', 'build', 'css', 'images', 'js', and 'vendor'. The 'seeds' folder is expanded, showing files like 'BookingSeeder.php', 'DatabaseSeeder.php', 'RoleSeeder.php', 'TempatWisataSeeder.php', 'TiketSeeder.php', and 'UserSeeder.php'. The 'TiketSeeder.php' file is selected and its content is displayed in the editor. The code defines a class 'TiketSeeder' that extends 'Seeder' and implements a 'run()' method. The 'run()' method calls 'Tiket::insert()' with an array of data to be inserted into the database. The data includes 'tempat_wisata_id', 'nama_tiket', 'tanggal', 'stok', 'harga', 'created_at', and 'updated_at'.

```
1 class TiketSeeder extends Seeder
2 {
3     public function run(): void
4     {
5         Tiket::insert([
6             [
7                 'tempat_wisata_id' => 1,
8                 'nama_tiket' => 'Tiket1',
9                 'tanggal' => now(),
10                'stok' => 100,
11                'harga' => 20000,
12                'created_at' => now(),
13                'updated_at' => now(),
14            ],
15            [
16                'tempat_wisata_id' => 2,
17                'nama_tiket' => 'Tiket2',
18                'tanggal' => now(),
19                'stok' => 150,
20                'harga' => 30000,
21                'created_at' => now(),
22                'updated_at' => now(),
23            ],
24        ]);
25    }
26 }
```

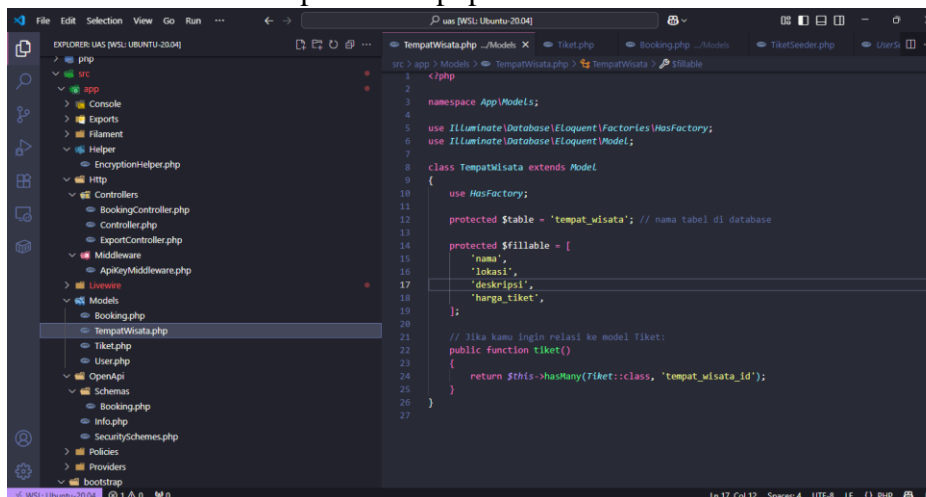
7. Membuat Models Booking.php



The screenshot shows the VS Code editor with the file explorer on the left. The file explorer shows the project structure with folders like 'src', 'database', 'factories', 'migrations', 'seeds', 'lang', 'public', 'build', 'css', 'images', 'js', and 'vendor'. The 'models' folder is expanded, showing files like 'Booking.php', 'TempatWisata.php', 'Tiket.php', and 'User.php'. The 'Booking.php' file is selected and its content is displayed in the editor. The code defines a class 'Booking' that extends 'Model' and implements a 'tiket()' method. The 'tiket()' method returns an instance of 'Tiket' class. The 'Booking' class also has a protected static property '\$fillable' which contains an array of attributes that are mass assignable.

```
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class Booking extends Model
9 {
10     use HasFactory;
11
12     protected $fillable = [
13         'nama_pesanan',
14         'jumlah',
15         'total_harga',
16         'status',
17         'tiket_id',
18     ];
19
20     public function tiket()
21     {
22         return $this->belongsTo(Tiket::class);
23     }
24 }
25
```

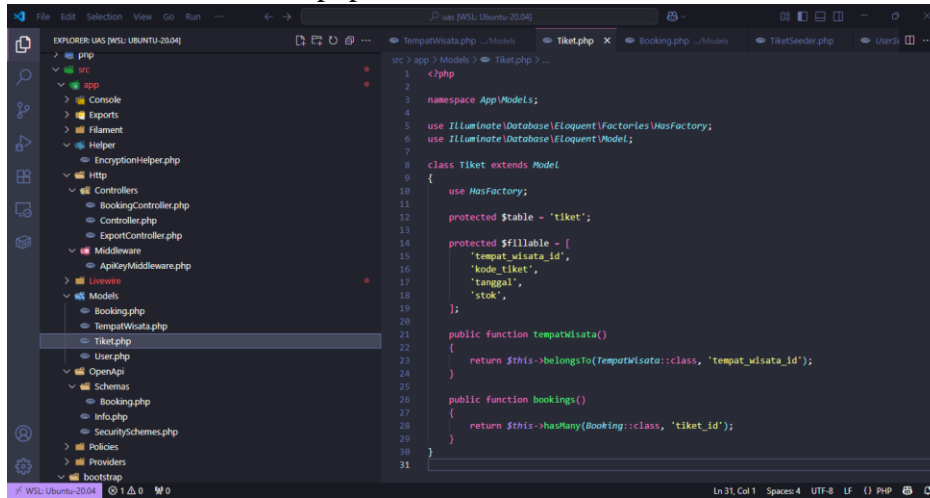
8. Membuat Models TempatWisata.php



The screenshot shows the VS Code editor with the file explorer on the left. The file explorer shows the project structure with folders like 'src', 'database', 'factories', 'migrations', 'seeds', 'lang', 'public', 'build', 'css', 'images', 'js', and 'vendor'. The 'models' folder is expanded, showing files like 'Booking.php', 'TempatWisata.php', 'Tiket.php', and 'User.php'. The 'TempatWisata.php' file is selected and its content is displayed in the editor. The code defines a class 'TempatWisata' that extends 'Model' and implements a 'tiket()' method. The 'tiket()' method returns an instance of 'Tiket' class. The 'TempatWisata' class also has a protected static property '\$fillable' which contains an array of attributes that are mass assignable. There is a comment in the code: '// Jika kamu ingin relasi ke model Tiket:'.

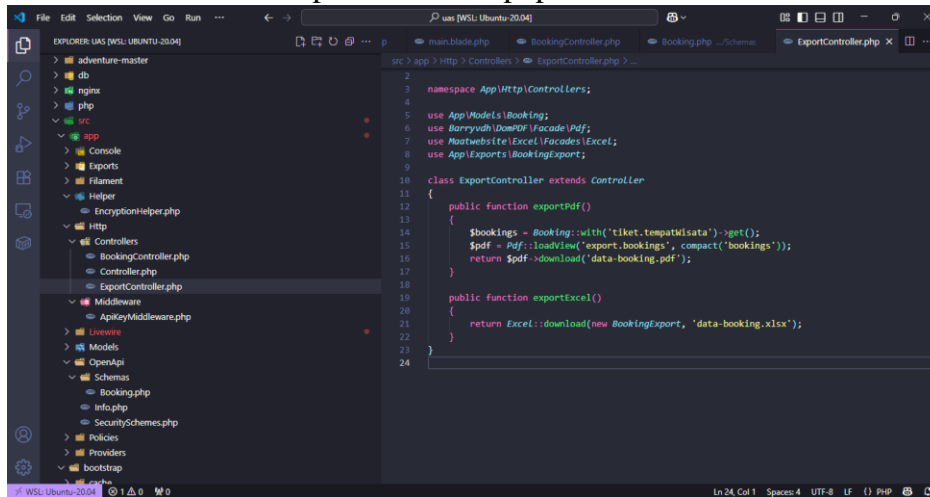
```
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class TempatWisata extends Model
9 {
10     use HasFactory;
11
12     protected $table = 'tempat_wisata'; // nama tabel di database
13
14     protected $fillable = [
15         'nama',
16         'lokasi',
17         'deskripsi',
18         'harga_tiket',
19     ];
20
21     // Jika kamu ingin relasi ke model Tiket:
22     public function tiket()
23     {
24         return $this->hasMany(Tiket::class, 'tempat_wisata_id');
25     }
26 }
27
```

9. Membuat Models Tiket.php



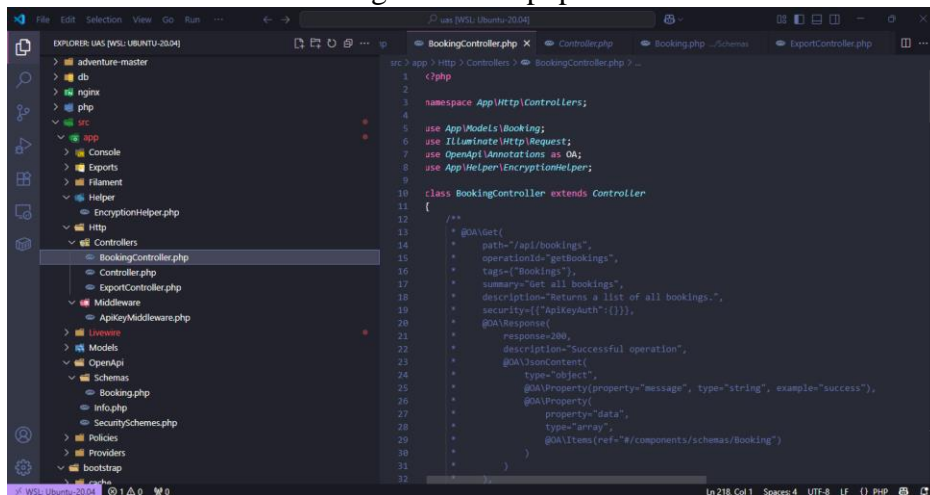
```
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class Tiket extends Model
9 {
10     use HasFactory;
11
12     protected $table = 'tiket';
13
14     protected $fillable = [
15         'tempat_wisata_id',
16         'kode_tiket',
17         'tanggal',
18         'stok',
19     ];
20
21     public function tempatwisata()
22     {
23         return $this->belongsTo(Tempatwisata::class, 'tempat_wisata_id');
24     }
25
26     public function bookings()
27     {
28         return $this->hasMany(Booking::class, 'tiket_id');
29     }
30 }
31
```

10. Membuat Controller ExportController.php



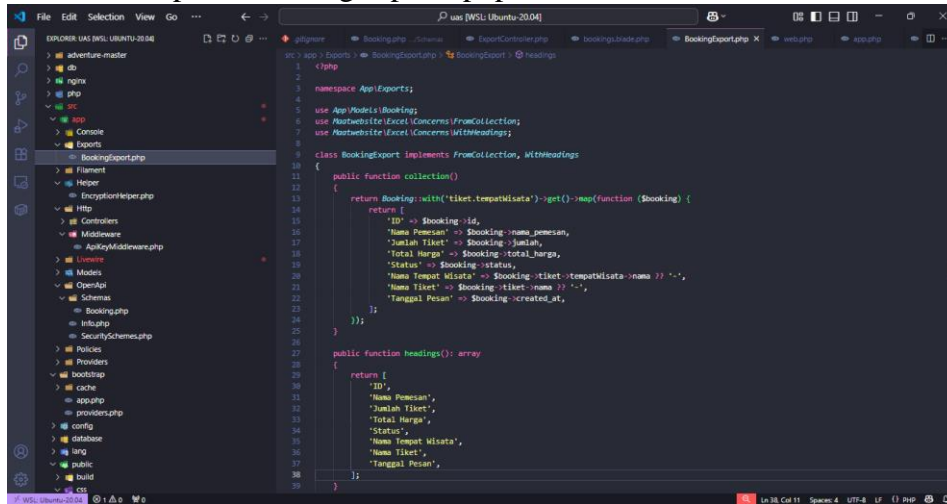
```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\Booking;
6 use Barryvdh\DomPDF\Facade\Pdf;
7 use Maatwebsite\Excel\Facades\Excel;
8 use App\Exports\BookingExport;
9
10 class ExportController extends Controller
11 {
12     public function exportPdf()
13     {
14         $bookings = Booking::with('tiket.tempatwisata')->get();
15         $pdf = Pdf::loadView('export.bookings', compact('bookings'));
16         return $pdf->download('data-booking.pdf');
17     }
18
19     public function exportExcel()
20     {
21         return Excel::download(new BookingExport, 'data-booking.xlsx');
22     }
23 }
24
```

11. Membuat Controller BookingController.php



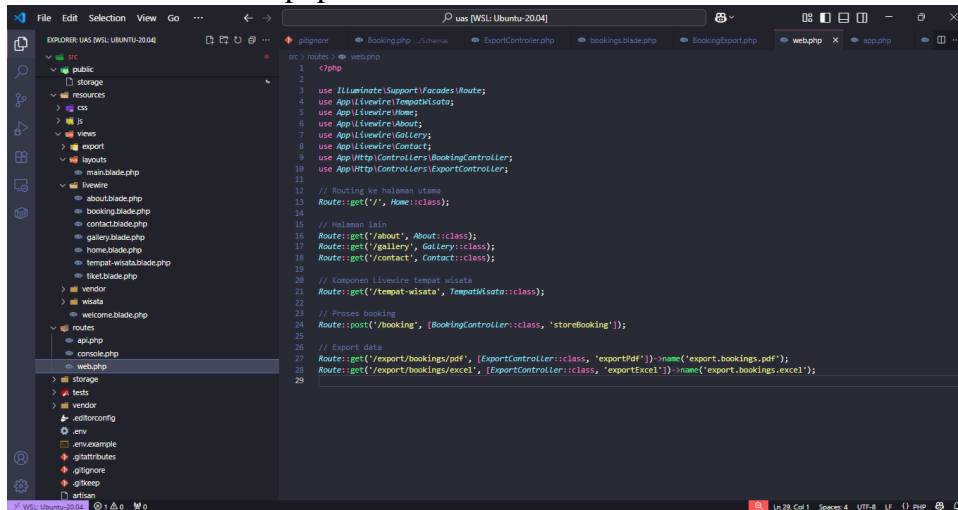
```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\Booking;
6 use Illuminate\Http\Request;
7 use OpenApi\Annotations as OA;
8 use App\Helper\EncryptionHelper;
9
10 class BookingController extends Controller
11 {
12     /**
13      * @OA\Get(
14      *   path="/api/bookings",
15      *   operationId="getBookings",
16      *   tags={"Bookings"},
17      *   summary="Get all bookings",
18      *   description="Returns a list of all bookings.",
19      *   security={{"apiKeyAuth":{}}},
20      *   @OA\Response(
21      *     response=200,
22      *     description="Successful operation",
23      *     @OA\JsonContent(
24      *       type="object",
25      *       @OA\Property(property="message", type="string", example="success"),
26      *       @OA\Property(
27      *         property="data",
28      *         type="array",
29      *         @OA\Item(ref="#/components/schemas/Booking")
30      *       )
31      *     )
32      * )
33     */
34 }
35
```

12. Membuat Exports BookingExports.php



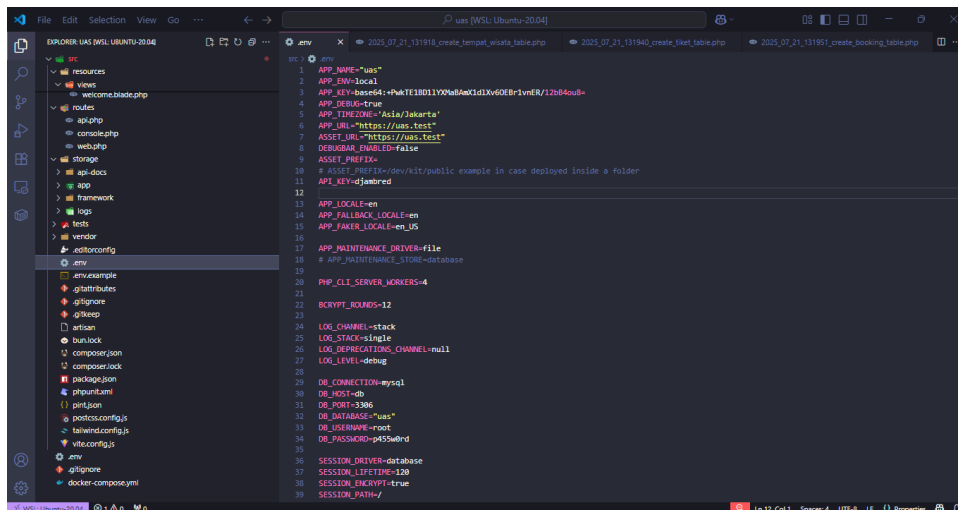
```
1 <?php
2
3 namespace App\Exports;
4
5 use App\Models\Booking;
6 use Maatwebsite\Excel\Concerns\FromCollection;
7 use Maatwebsite\Excel\Concerns\WithHeadings;
8
9 class BookingExport implements FromCollection, WithHeadings
10 {
11     public function collection()
12     {
13         return Booking::with('ticket.tempatwisata')->get()->map(function ($booking) {
14             return [
15                 'ID' => $booking->id,
16                 'Nama Pesanan' => $booking->nama_pesanan,
17                 'Jumlah Tiket' => $booking->jumlah_tiket,
18                 'Total Harga' => $booking->total_harga,
19                 'Status' => $booking->status,
20                 'Nama Tempat Wisata' => $booking->ticket->tempatwisata->nama ?? '-',
21                 'Nama Tiket' => $booking->ticket->nama ?? '-',
22                 'Tanggal Pesan' => $booking->created_at,
23             ];
24         });
25     }
26
27     public function headings(): array
28     {
29         return [
30             'ID',
31             'Nama Pesanan',
32             'Jumlah Tiket',
33             'Total Harga',
34             'Status',
35             'Nama Tempat Wisata',
36             'Nama Tiket',
37             'Tanggal Pesan',
38         ];
39     }
40 }
```

13. Membuat routes web.php



```
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4 use App\Livewire\Tempatwisata;
5 use App\Livewire\Home;
6 use App\Livewire>About;
7 use App\Livewire\Gallery;
8 use App\Livewire>Contact;
9 use App\Http\Controllers\BookingController;
10 use App\Http\Controllers\ExportController;
11
12 // Routing ke halaman utama
13 Route::get('/', Home::class);
14
15 // Halaman lain
16 Route::get('/about', About::class);
17 Route::get('/gallery', Gallery::class);
18 Route::get('/contact', Contact::class);
19
20 // Routers untuk tempat wisata
21 Route::get('/tempat-wisata', Tempatwisata::class);
22
23 // Proses booking
24 Route::post('/booking', [BookingController::class, 'storeBooking']);
25
26 // Export data
27 Route::get('/export/bookings/pdf', [ExportController::class, 'exportPdf'])->name('export.bookings.pdf');
28 Route::get('/export/bookings/excel', [ExportController::class, 'exportExcel'])->name('export.bookings.excel');
29
```

14. Membuat .env



```
1 APP_NAME="uas"
2 APP_ENV=local
3 APP_KEY=base64:PukTE1BD1VYN0h0bW1ldlXv60E8r1vnr/12b84ouh+
4 APP_DEBUG=true
5 APP_TIMEZONE="Asia/Jakarta"
6 APP_URL="https://uas.test"
7 ASSET_URL="https://uas.test"
8 DEBUGBAR_ENABLED=false
9 ASSET_PREFIX=
10 # ASSET_PREFIX=/dev/kit/public example in case deployed inside a folder
11 API_KEY=djambred
12
13 APP_LOCALE=en
14 APP_FALLBACK_LOCALE=en
15 APP_FAKER_LOCALE=en_US
16
17 APP_MAINTENANCE_DRIVER=file
18 # APP_MAINTENANCE_STORE=database
19
20 PHP_CLI_SERVER_WORKERS=4
21
22 BCRYPT_ROUNDS=12
23
24 LOG_CHANNEL=stack
25 LOG_STACKING=true
26 LOG_DEPRECATIONS_CHANNEL=null
27 LOG_LEVEL=debug
28
29 DB_CONNECTION=mysql
30 DB_HOST=db
31 DB_PORT=3306
32 DB_DATABASE=uas
33 DB_USERNAME=root
34 DB_PASSWORD=p455w0rd
35
36 SESSION_DRIVER=database
37 SESSION_LIFETIME=120
38 SESSION_SECURE_COOKIE=true
39 SESSION_PATH=/
```

15. Membuat API

```
docker
INFO: Successfully upgraded!

Generated optimized autoload files containing 18352 classes
root@c284dd587965:/var/www/html# composer require darkaonline/l5-swagger
./composer.json has been updated
Running composer update darkaonline/l5-swagger
Loading composer repositories with package information
Updating dependencies
Lock file operations: 4 installs, 0 updates, 0 removals
  - Locking darkaonline/l5-swagger (9.0.1)
  - Locking doctrine/annotations (2.0.2)
  - Locking swagger-api/swagger-ui (v5.27.0)
  - Locking zircote/swagger-php (5.1.4)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 4 installs, 0 updates, 0 removals
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 zircote/swagger-php (5.1.4)
  - Downloading swagger-api/swagger-ui (v5.27.0)
  - Downloading doctrine/annotations (2.0.2)
  - Downloading darkaonline/l5-swagger (9.0.1)
  - Installing zircote/swagger-php (5.1.4): Extracting archive
  - Installing swagger-api/swagger-ui (v5.27.0): Extracting archive
  - Installing doctrine/annotations (2.0.2): Extracting archive
  - Installing darkaonline/l5-swagger (9.0.1): Extracting archive
Generating optimized autoload files
> illuminate/Foundation/ComposerScripts::postAutoLoadDump
> @php artisan package:discover --ansi

INFO: Discovering packages.

anourvalar/eloquent-serialize ..... DONE
amcodes/light-switch ..... DONE
```

```
docker
amcodes/light-switch ..... DONE
amcodes/overlook ..... DONE
aymanalhattami/filament-slim-scrollbar ..... DONE
barryvdh/laravel-debugbar ..... DONE
barryvdh/laravel-dumpdf ..... DONE
barryvdh/laravel-ide-helper ..... DONE
berhansalleh/filament-shield ..... DONE
blade-ui-kit/blade-heroicons ..... DONE
blade-ui-kit/blade-icons ..... DONE
darkaonline/l5-swagger ..... DONE
diogogpinto/filament-auth-ui-enhancer ..... DONE
filament/actions ..... DONE
filament/filament ..... DONE
filament/forms ..... DONE
filament/infoblists ..... DONE
filament/notifications ..... DONE
filament/support ..... DONE
filament/tables ..... DONE
filament/widgets ..... DONE
hasnayeem/themes ..... DONE
intervention/image ..... DONE
jenssegers/agent ..... DONE
joaopaulolndev/filament-edit-profile ..... DONE
joshembling/image-optimizer ..... DONE
kirschbaum-development/eloquent-power-joins ..... DONE
laravel/sail ..... DONE
laravel/sail ..... DONE
laravel/tinker ..... DONE
livewire/livewire ..... DONE
maatwebsite/excel ..... DONE
nesbot/carbon ..... DONE
njqxus/filament-progressbar ..... DONE
numomaduro/collision ..... DONE
numomaduro/termwind ..... DONE
pestphp/pest-plugin-laravel ..... DONE
```

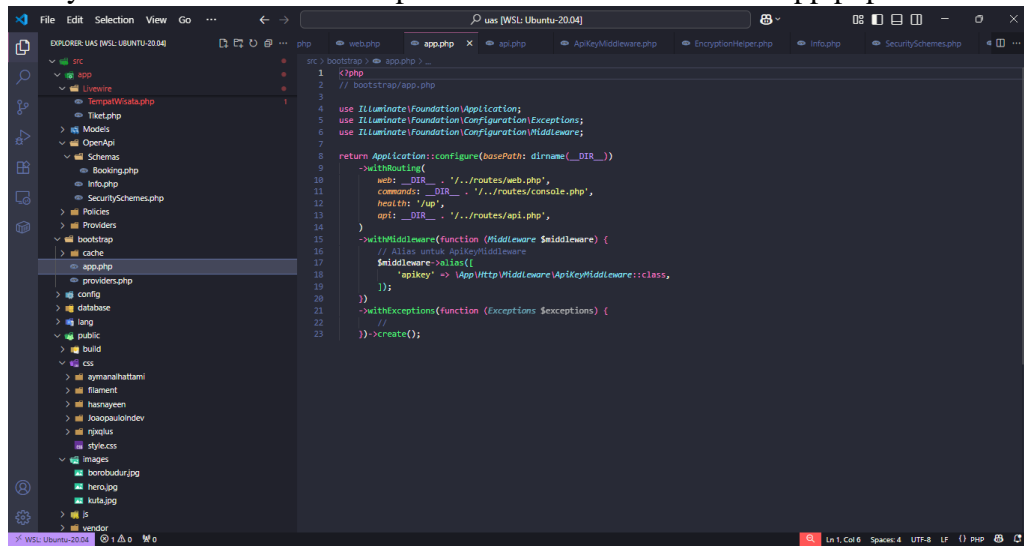
```
docker
> @php artisan filament:upgrade
l public/js/filament/forms/components/color-picker.js
l public/js/filament/forms/components/date-time-picker.js
l public/js/filament/forms/components/file-upload.js
l public/js/filament/forms/components/key-value.js
l public/js/filament/forms/components/markdown-editor.js
l public/js/filament/forms/components/rich-editor.js
l public/js/filament/forms/components/select.js
l public/js/filament/forms/components/tags-input.js
l public/js/filament/forms/components/textarea.js
l public/js/filament/tables/components/table.js
l public/js/filament/widgets/components/chart.js
l public/js/filament/widgets/components/stats-overview/stat/chart.js
l public/js/filament/filament/app.js
l public/js/filament/filament/echo.js
l public/js/filament/notifications/notifications.js
l public/js/filament/support/support.js
l public/js/njqxus/filament-progressbar/filament-progressbar-scripts.js
l public/css/aymanalhattami/filament-slim-scrollbar/filament-slim-scrollbar.css
l public/css/filament/forms/forms.css
l public/css/filament/support/support.css
l public/css/hasnayeem/themes/default.css
l public/css/hasnayeem/themes/dracula.css
l public/css/hasnayeem/themes/nord.css
l public/css/hasnayeem/themes/sunset.css
l public/css/Joaopaulolndev/filament-edit-profile/filament-edit-profile-styles.css
l public/css/njqxus/filament-progressbar/filament-progressbar-styles.css
l public/css/filament/filament/app.css

INFO: Successfully published assets!

INFO: Configuration cache cleared successfully.

INFO: Route cache cleared successfully.
```

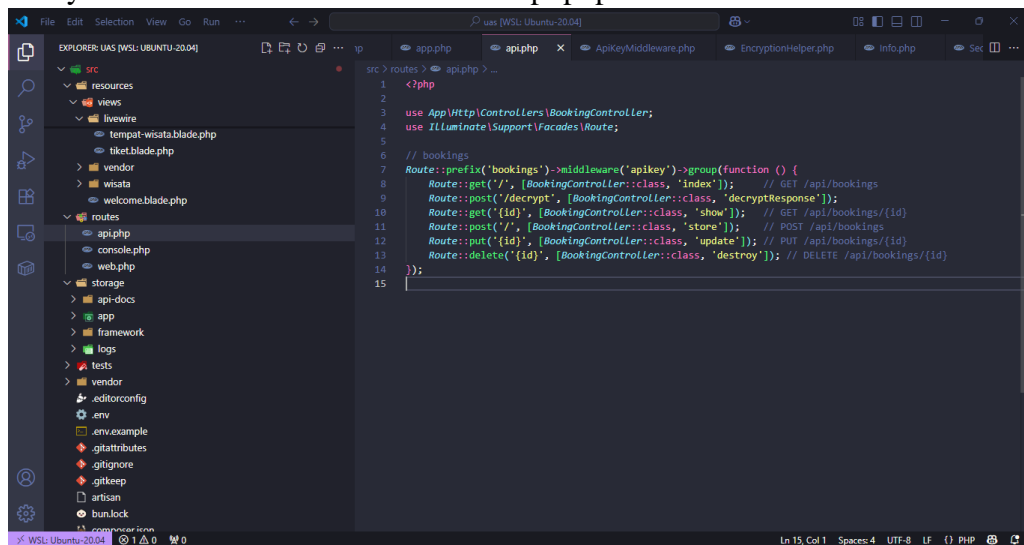

16. Menyesuaikan folder Bootstrap dan di dalam folder ada file app.php



The screenshot shows the VS Code interface with the Explorer sidebar on the left and the Editor window on the right. The Explorer sidebar shows a project structure with folders like 'src', 'resources', 'views', 'routes', 'storage', 'vendor', and 'public'. The 'src' folder is expanded, showing subfolders like 'app', 'bootstrap', 'cache', 'config', 'database', 'lang', 'public', 'build', 'css', 'images', and 'vendor'. The 'app' folder is selected, and the 'app.php' file is open in the Editor window. The code in 'app.php' is as follows:

```
1 <?php
2 // bootstrap/app.php
3
4 use Illuminate\Foundation\Application;
5 use Illuminate\Foundation\Configuration\Exceptions;
6 use Illuminate\Foundation\Configuration\Middleware;
7
8 return Application::configure(basePath: dirname(__DIR__))
9     ->withRouting(
10         web: __DIR__ . '/../routes/web.php',
11         commands: __DIR__ . '/../routes/console.php',
12         health: '/up',
13         api: __DIR__ . '/../routes/api.php',
14     )
15     ->withMiddleware(function (Middleware $middleware) {
16         // Alias untuk ApiKeyMiddleware
17         $middleware->alias([
18             'apikey' => \App\Http\Middleware\ApiKeyMiddleware::class,
19         ]);
20     })
21     ->withExceptions(function (Exceptions $exceptions) {
22         //
23     })->create();
```

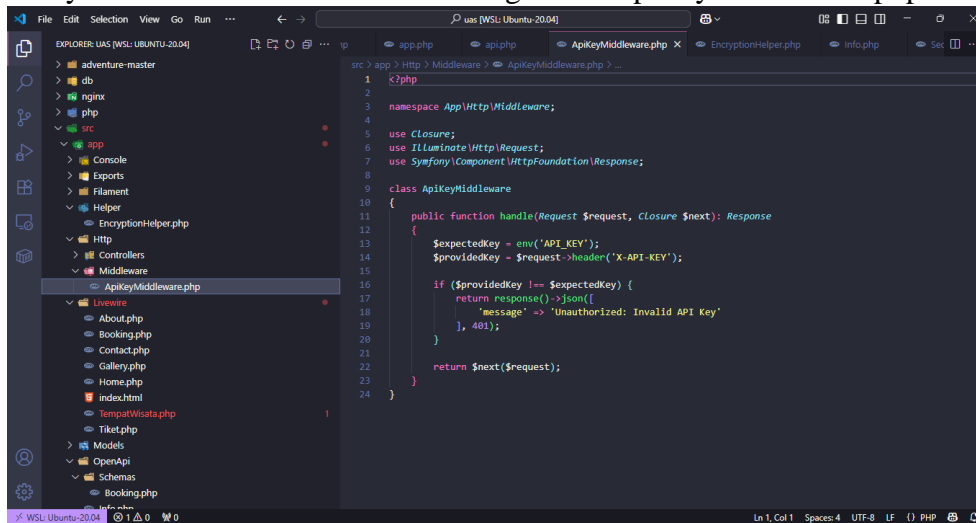
17. Menyesuaikan folder routes dan isi file api.php



The screenshot shows the VS Code interface with the Explorer sidebar on the left and the Editor window on the right. The Explorer sidebar shows a project structure with folders like 'resources', 'views', 'routes', 'storage', 'vendor', and 'public'. The 'routes' folder is selected, and the 'api.php' file is open in the Editor window. The code in 'api.php' is as follows:

```
1 <?php
2
3 use App\Http\Controllers\BookingController;
4 use Illuminate\Support\Facades\Route;
5
6 // bookings
7 Route::prefix('bookings')->middleware('apikey')->group(function () {
8     Route::get('/', [BookingController::class, 'index']); // GET /api/bookings
9     Route::post('/decrypt', [BookingController::class, 'decryptResponse']);
10    Route::get('{id}', [BookingController::class, 'show']); // GET /api/bookings/{id}
11    Route::post('/', [BookingController::class, 'store']); // POST /api/bookings
12    Route::put('{id}', [BookingController::class, 'update']); // PUT /api/bookings/{id}
13    Route::delete('{id}', [BookingController::class, 'destroy']); // DELETE /api/bookings/{id}
14});
15
```

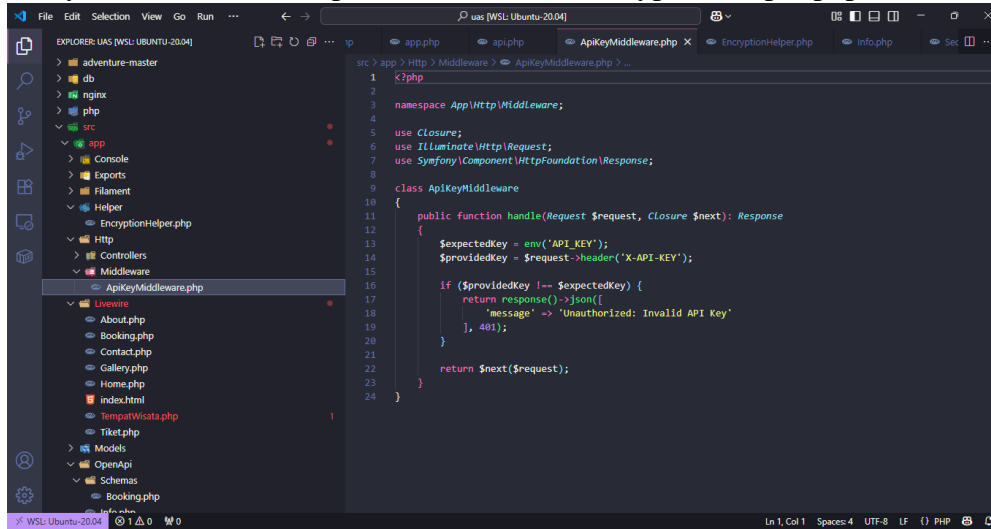

18. Menyesuaikan folder Middleware dengan file ApiKeyMiddleware.php



The screenshot shows the VS Code editor with the file explorer on the left. The 'Middleware' folder is selected under the 'Http' directory. The 'ApiKeyMiddleware.php' file is open in the editor. The code defines a class 'ApiKeyMiddleware' with a 'handle' method that checks for an 'X-API-KEY' header and returns a 401 status if it is missing or invalid.

```
1 <?php
2
3 namespace App\Http\Middleware;
4
5 use Closure;
6 use Illuminate\Http\Request;
7 use Symfony\Component\HttpFoundation\Response;
8
9 class ApiKeyMiddleware
10 {
11     public function handle(Request $request, Closure $next): Response
12     {
13         $expectedKey = env('API_KEY');
14         $providedKey = $request->header('X-API-KEY');
15
16         if ($providedKey !== $expectedKey) {
17             return response()->json([
18                 'message' => 'Unauthorized: Invalid API Key'
19             ], 401);
20         }
21
22         return $next($request);
23     }
24 }
```

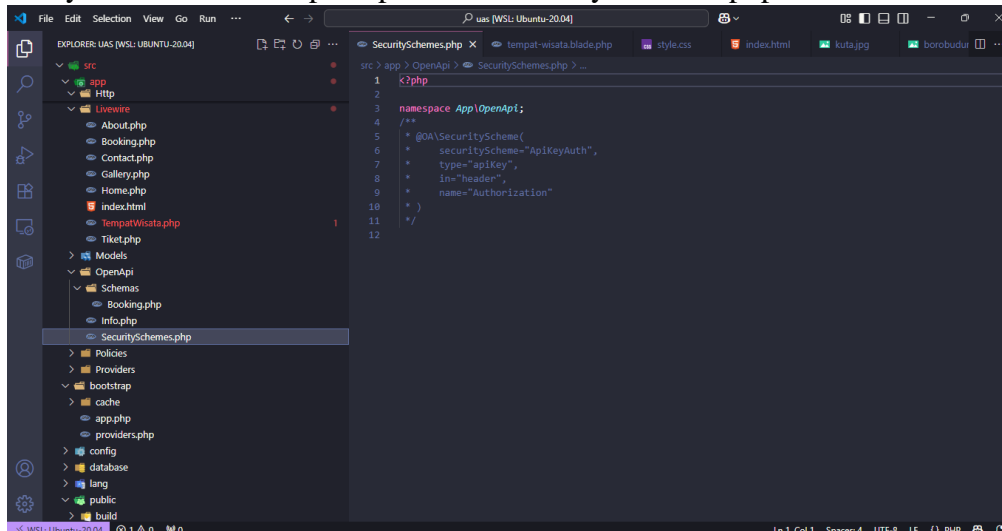
19. Menyesuaikan folder Helper dan ada isi file EncryptionHelper.php



The screenshot shows the VS Code editor with the file explorer on the left. The 'Helper' folder is selected under the 'Http' directory. The 'EncryptionHelper.php' file is open in the editor. The code defines a class 'EncryptionHelper' with a 'encrypt' method that uses the 'openssl_encrypt' function to encrypt a string.

```
1 <?php
2
3 namespace App\Http\Helper;
4
5 use Closure;
6 use Illuminate\Http\Request;
7 use Symfony\Component\HttpFoundation\Response;
8
9 class EncryptionHelper
10 {
11     public function encrypt($data): string
12     {
13         $key = env('API_KEY');
14         $encryptedData = openssl_encrypt($data, 'AES-256', $key, 0, $iv);
15
16         if ($encryptedData === false) {
17             return response()->json([
18                 'message' => 'Unauthorized: Invalid API Key'
19             ], 401);
20         }
21
22         return $encryptedData;
23     }
24 }
```

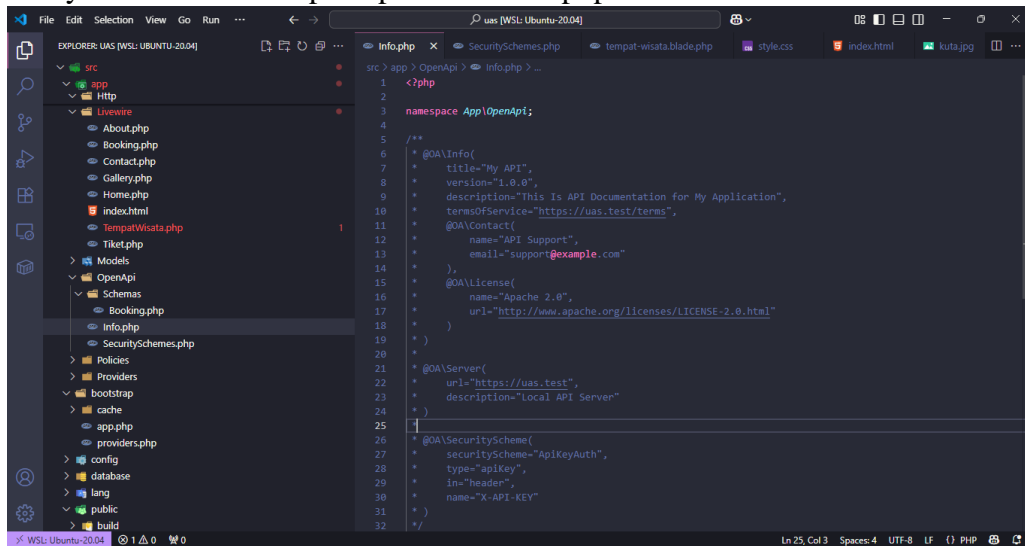
20. Menyesuaikan folder OpenApi ada isi ScuritySchemes.php



The screenshot shows the VS Code editor with the file explorer on the left. The 'OpenApi' folder is selected under the 'Http' directory. The 'ScuritySchemes.php' file is open in the editor. The code defines a class 'ScuritySchemes' with a 'securitySchemes' property that contains an array of security schemes.

```
1 <?php
2
3 namespace App\OpenApi;
4
5 /**
6  * @OA\SecurityScheme(
7  *     securityScheme="ApiKeyAuth",
8  *     type="apiKey",
9  *     in="header",
10  *     name="Authorization"
11  * )
12  */
```

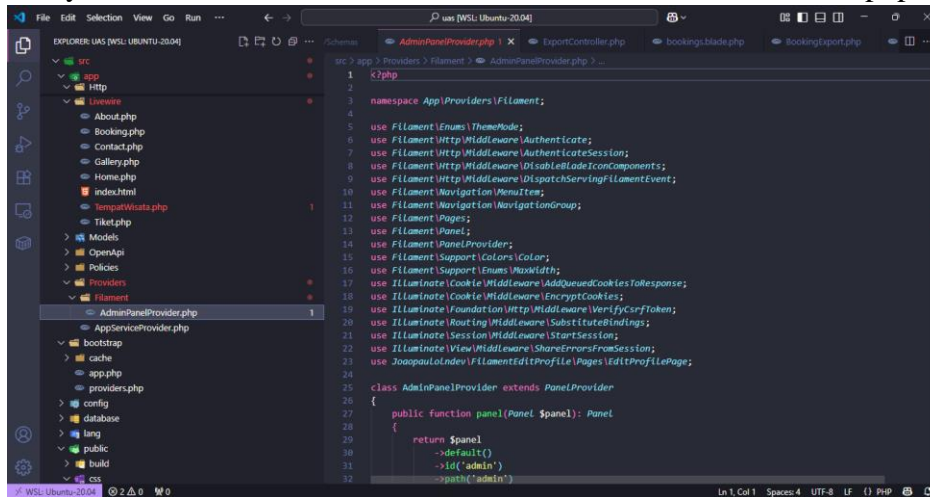
21. Menyesuaikan folder OpenApi ada isi info.php



The screenshot shows the VS Code editor with the Explorer sidebar on the left displaying the project structure. The 'OpenApi' folder is expanded, showing 'Info.php', 'SecuritySchemes.php', and 'tempat-wisata.blade.php'. The main editor window displays the contents of 'Info.php'.

```
1 <?php
2
3 namespace App\OpenApi;
4
5 /**
6  * @OA\Info(
7  *     title="My API",
8  *     version="1.0.0",
9  *     description="This Is API Documentation for My Application",
10  *     termsOfService="https://uas.test/terms",
11  *     @OA\Contact(
12  *         name="API Support",
13  *         email="support@example.com"
14  *     ),
15  *     @OA\License(
16  *         name="Apache 2.0",
17  *         url="http://www.apache.org/licenses/LICENSE-2.0.html"
18  *     )
19  * )
20  *
21  * @OA\Server(
22  *     url="https://uas.test",
23  *     description="Local API Server"
24  * )
25  *
26  * @OA\SecurityScheme(
27  *     securityScheme="ApiKeyAuth",
28  *     type="apiKey",
29  *     in="header",
30  *     name="X-API-KEY"
31  * )
32 */
```

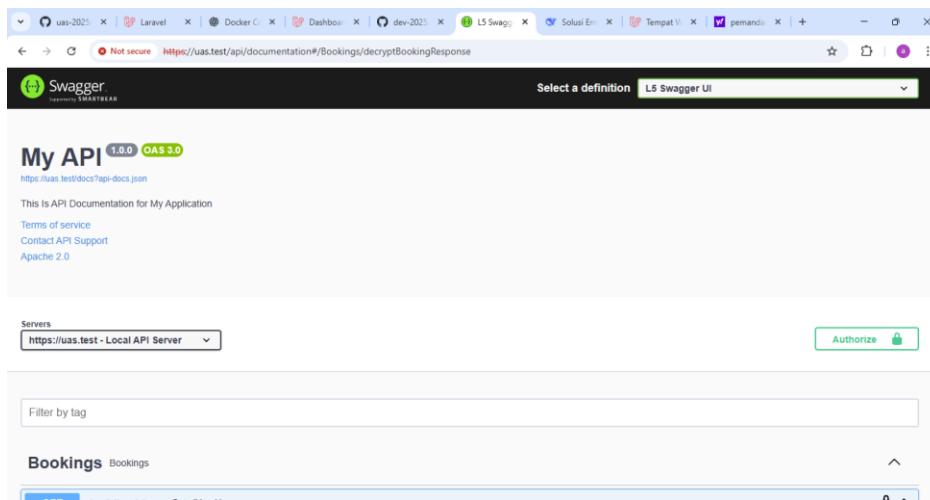
22. Menyesuaikan folder Filament da ada isi file AdminPanelProvider.php

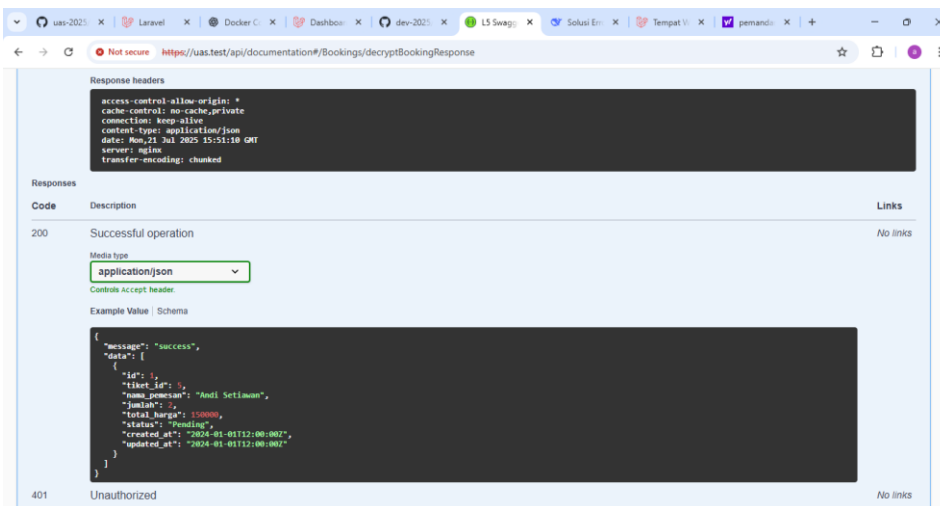
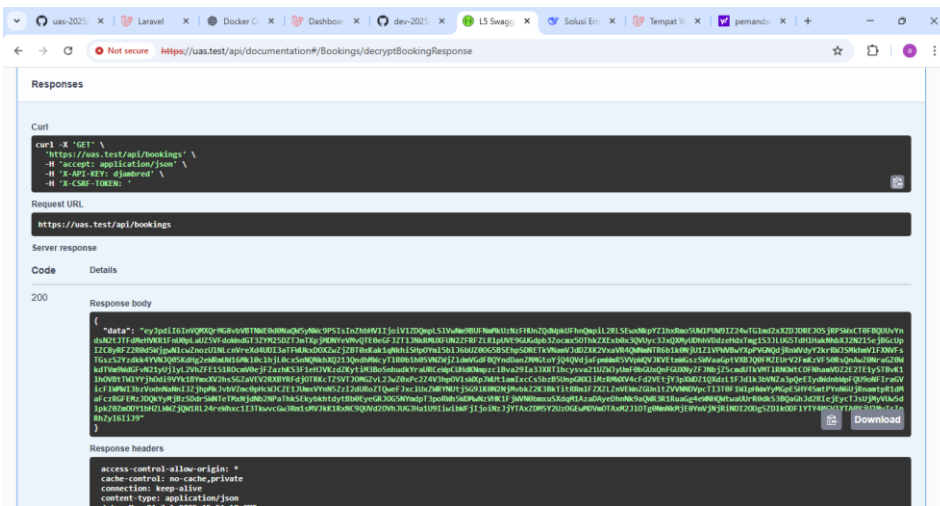
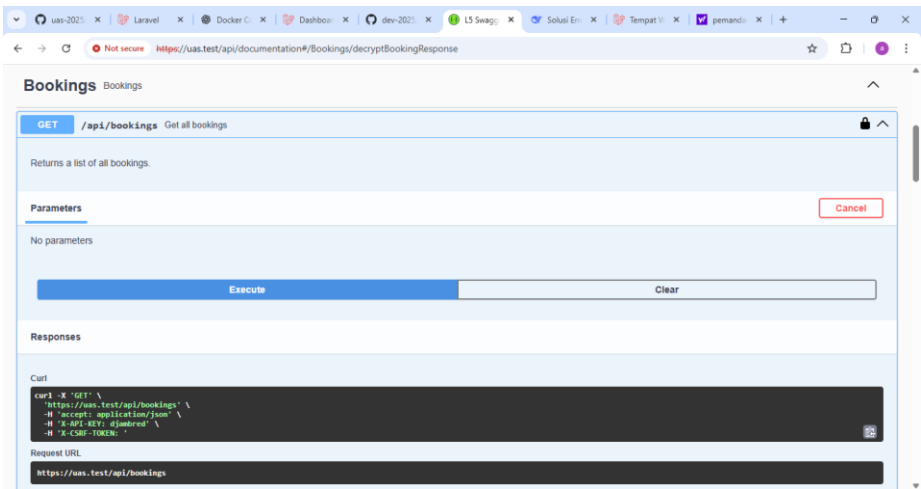


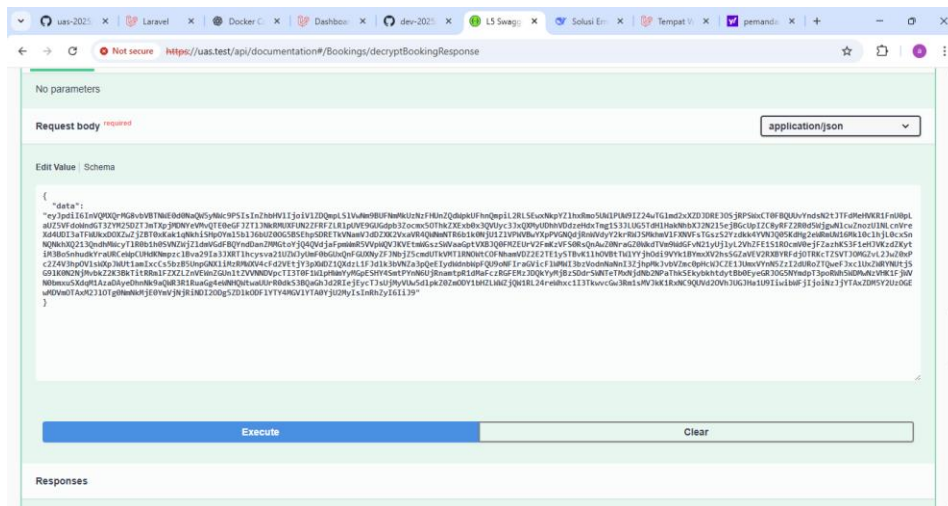
The screenshot shows the VS Code editor with the Explorer sidebar on the left displaying the project structure. The 'Providers' folder is expanded, showing 'AdminPanelProvider.php', 'AppServiceProvider.php', 'bootstrap', 'cache', 'app.php', and 'providers.php'. The main editor window displays the contents of 'AdminPanelProvider.php'.

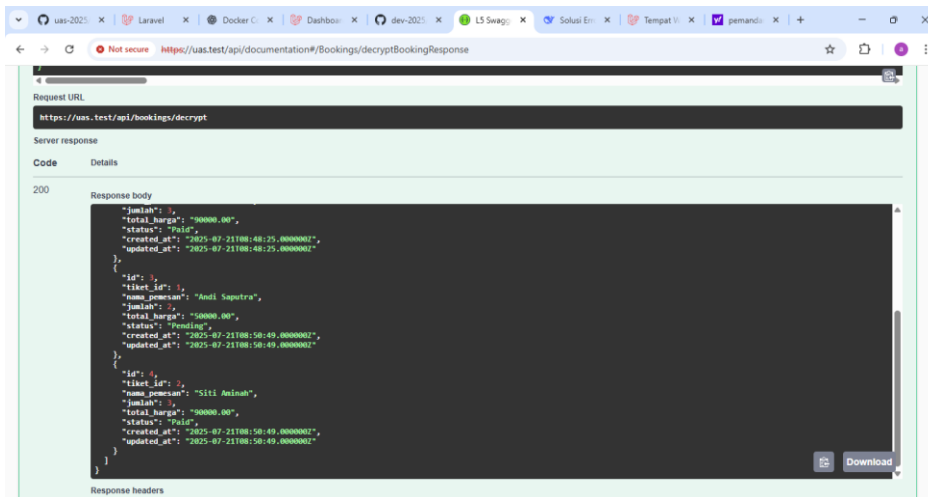
```
1 <?php
2
3 namespace App\Providers\Filament;
4
5 use Filament\Enums\ThemeMode;
6 use Filament\Http\Middleware\Authenticate;
7 use Filament\Http\Middleware\AuthenticateSession;
8 use Filament\Http\Middleware\DisableBladeIconComponents;
9 use Filament\Http\Middleware\DispatchServingFilamentEvent;
10 use Filament\Navigation\MenuItem;
11 use Filament\Navigation\NavigationGroup;
12 use Filament\Pages;
13 use Filament\Panel;
14 use Filament\PanelProvider;
15 use Filament\Support\Colors\Color;
16 use Filament\Support\Enums\MaxWidth;
17 use Illuminate\Cookie\Middleware\AddQueuedCookiesToResponse;
18 use Illuminate\Cookie\Middleware\EncryptCookies;
19 use Illuminate\Foundation\Http\Middleware\VerifyCsrfToken;
20 use Illuminate\Routing\Middleware\SubstituteBindings;
21 use Illuminate\Session\Middleware\StartSession;
22 use Illuminate\View\Middleware\ShareErrorsFromSession;
23 use Joaopaulolndev\FilamentEditProfile\Pages\EditProfilePage;
24
25 class AdminPanelProvider extends PanelProvider
26 {
27     public function panel(Panels $panels): Panel
28     {
29         return $panels
30             ->default()
31             ->id('admin')
32             ->path('admin');
```

23. Tampilan SWAG API

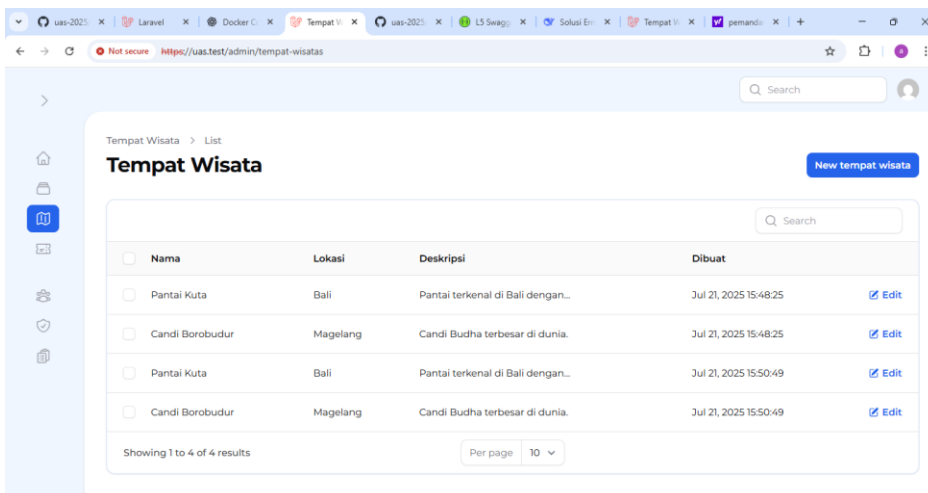
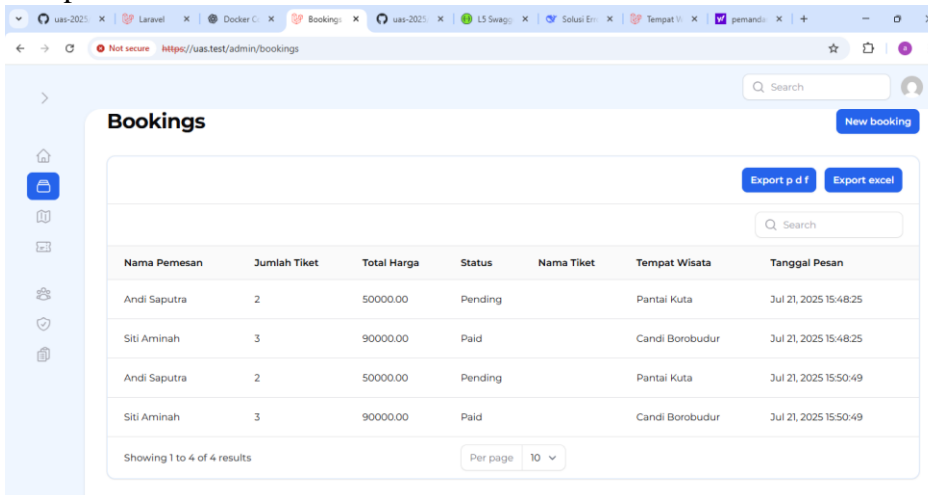








24. Tampilan Dashboard



uas-2023 x Laravel x Docker C x Tiket - us x uas-2023 x L5 Swagger x Solusi En x Tempat W x pemandi x + -

Not secure https://uas.test/admin/tickets

Tiket > List

Tiket

New Tiket

Search

<input type="checkbox"/>	Kode tiket	Nama	Tanggal	Stok	Harga	Tempat Wisata	
<input type="checkbox"/>	KT001		Jul 21, 2025	100	IDR 25,000.00	Pantai Kuta	Edit
<input type="checkbox"/>	CB001		Jul 21, 2025	150	IDR 30,000.00	Candi Borobudur	Edit
<input type="checkbox"/>	KT001		Jul 21, 2025	100	IDR 25,000.00	Pantai Kuta	Edit
<input type="checkbox"/>	CB001		Jul 21, 2025	150	IDR 30,000.00	Candi Borobudur	Edit

Showing 1 to 4 of 4 results

Per page 10

uas-2023 x Laravel x Docker C x Users - u x uas-2023 x L5 Swagger x Solusi En x Tempat W x pemandi x + -

Not secure https://uas.test/admin/users

Users > List

Users

New user

Search

<input type="checkbox"/>	ID	Name	Avatar	Email	Roles	Created at	
<input type="checkbox"/>	1	Admin		admin@admin.com	super_admin	Jul 21, 2025	View Edit Delete

Showing 1 result

Per page 10

uas-2023 x Laravel x Docker C x Roles - us x uas-2023 x L5 Swagger x Solusi En x Tempat W x pemandi x + -

Not secure https://uas.test/admin/shield/roles

Roles > List

Roles

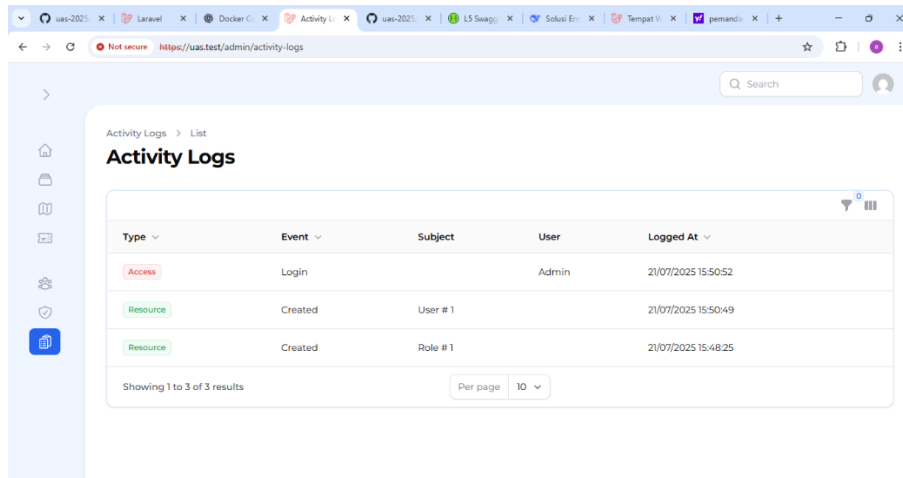
New Role

Search

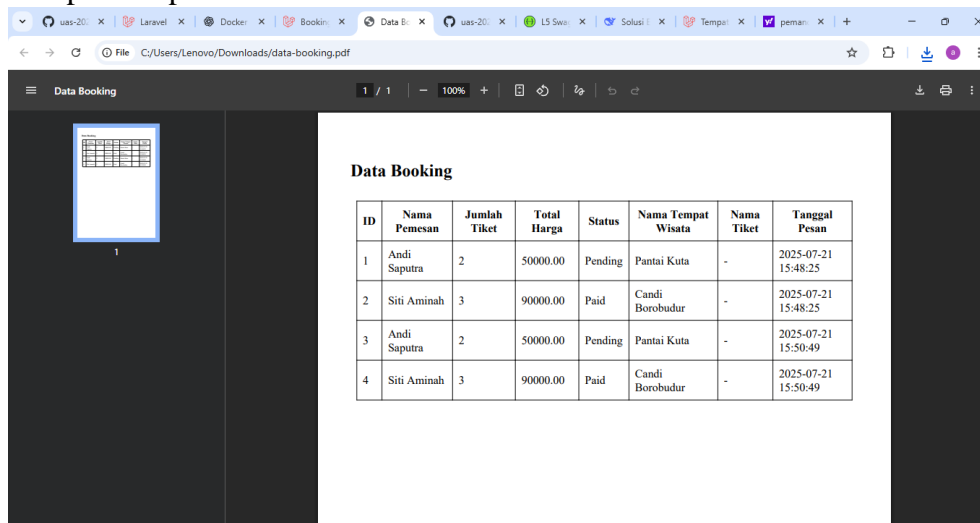
<input type="checkbox"/>	Name	Guard Name	Permissions	Updated At	
<input type="checkbox"/>	Super Admin	web	38	Jul 21, 2025 15:48:25	Edit Delete

Showing 1 result

Per page 10



25. Tampilan export PDF dan Excel



ID	Nama Pemesan	Jumlah Tiket	Total Harga	Status	Nama Tempat Wisata	Nama Tiket	Tanggal Pesan
1	Andi Saputra	2	50000	Pending	Pantai Kuta	-	-07-21 15:48:25
2	Siti Aminah	3	90000	Paid	Candi Borobudur	-	-07-21 15:48:25
3	Andi Saputra	2	50000	Pending	Pantai Kuta	-	-07-21 15:50:49
4	Siti Aminah	3	90000	Paid	Candi Borobudur	-	-07-21 15:50:49

26. Tampilan Frontend

WisataKu

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- [About Us](#)
- [Gallery](#)
- [Contact](#)

Daftar Tempat Wisata

Pantai Kuta

Bali

Candi Borobudur

Magelang

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