

Wijdan Ardra Fulvian

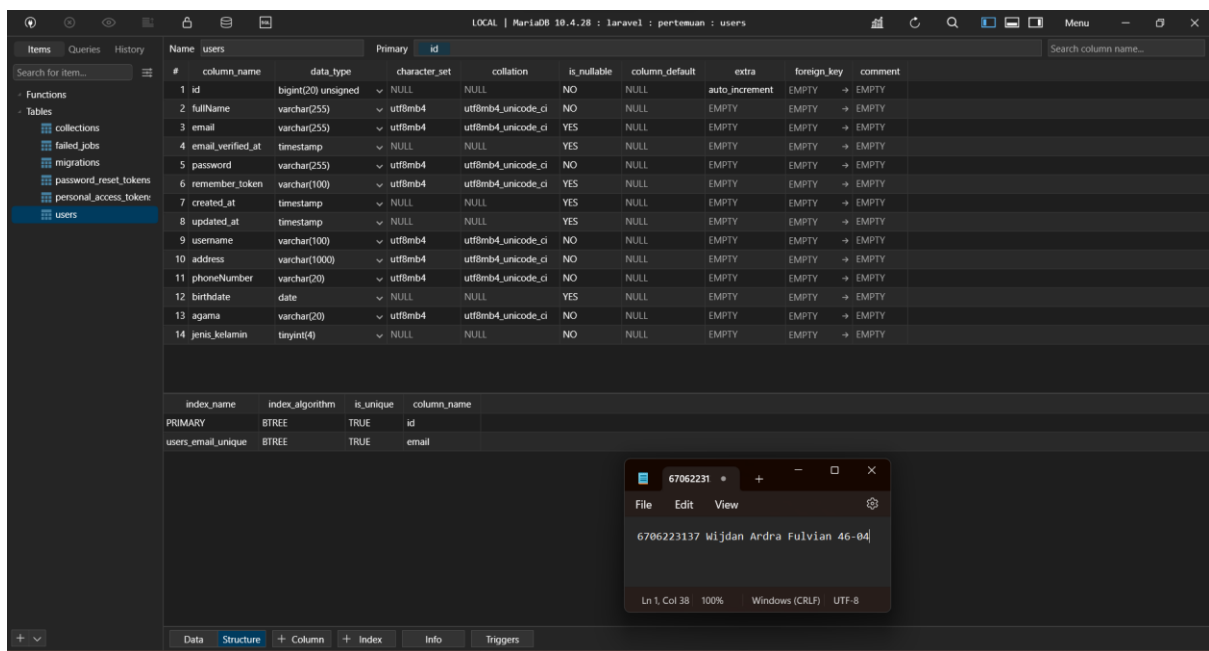
6706223137

D3IF 46-04

Praktikum 4

1. Screenshot Struktur tabel Users dan Collections

- User

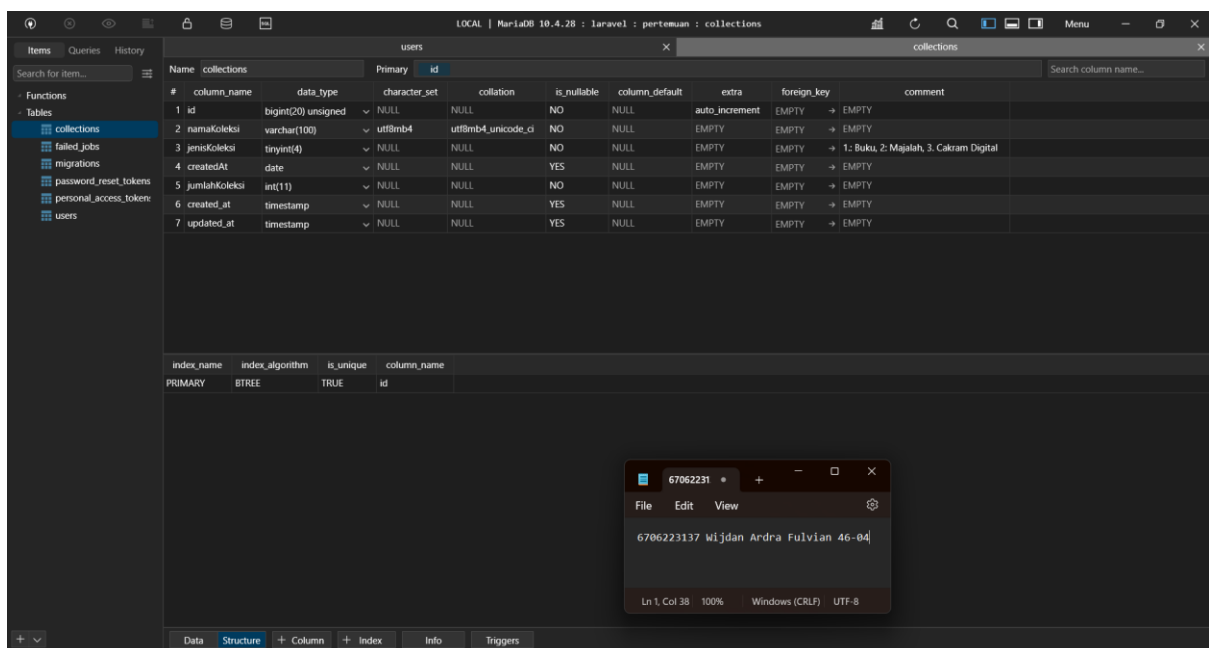


The screenshot shows the MariaDB interface displaying the structure of the 'users' table. The table has 14 columns: id, fullName, email, email_verified_at, password, remember_token, created_at, updated_at, username, address, phone_number, birthdate, agama, and jenis_kelamin. The 'id' column is the primary key. A small text editor window is open over the table, showing the text '6706223137 Wijdan Ardra Fulvian 46-04'.

#	column_name	data_type	character_set	collation	is_nullable	column_default	extra	foreign_key	comment
1	id	bigint(20) unsigned	utf8mb4	utf8mb4_unicode_ci	NO	NULL	auto_increment	EMPTY	→ EMPTY
2	fullName	varchar(255)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
3	email	varchar(255)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
4	email_verified_at	timestamp	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
5	password	varchar(255)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
6	remember_token	varchar(100)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
7	created_at	timestamp	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
8	updated_at	timestamp	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
9	username	varchar(100)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
10	address	varchar(1000)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
11	phone_number	varchar(20)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
12	birthdate	date	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
13	agama	varchar(20)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
14	jenis_kelamin	tinyint(4)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY

index_name	index_algorithm	is_unique	column_name
PRIMARY	BTREE	TRUE	id
users_email_unique	BTREE	TRUE	email

- Collections

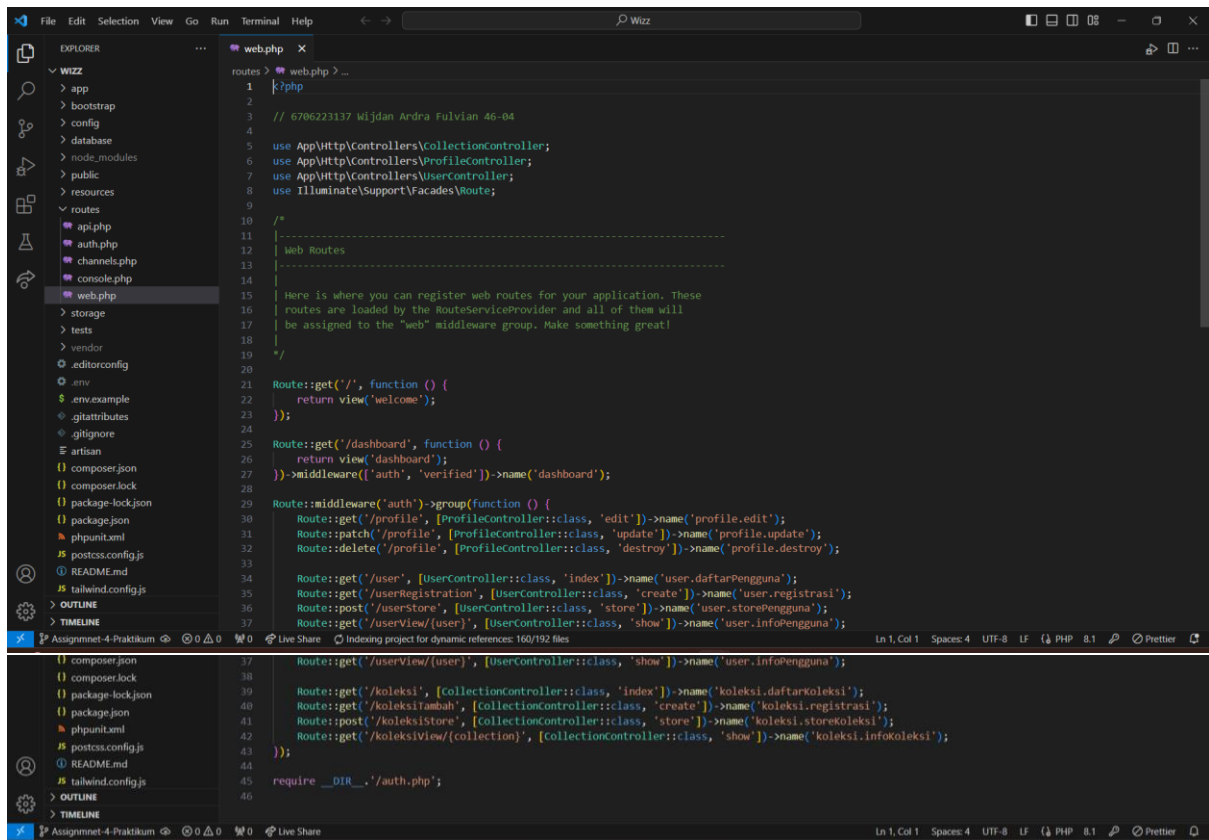


The screenshot shows the MariaDB interface displaying the structure of the 'collections' table. The table has 7 columns: id, namaKoleksi, jenisKoleksi, createdAt, jumlahKoleksi, created_at, and updated_at. The 'id' column is the primary key. A small text editor window is open over the table, showing the text '6706223137 Wijdan Ardra Fulvian 46-04'.

#	column_name	data_type	character_set	collation	is_nullable	column_default	extra	foreign_key	comment
1	id	bigint(20) unsigned	utf8mb4	utf8mb4_unicode_ci	NO	NULL	auto_increment	EMPTY	→ EMPTY
2	namaKoleksi	varchar(100)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
3	jenisKoleksi	tinyint(4)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ 1: Buku, 2: Majalah, 3: Cakram Digital
4	createdAt	date	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
5	jumlahKoleksi	int(11)	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
6	created_at	timestamp	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY
7	updated_at	timestamp	utf8mb4	utf8mb4_unicode_ci	YES	NULL	EMPTY	EMPTY	→ EMPTY

index_name	index_algorithm	is_unique	column_name
PRIMARY	BTREE	TRUE	id

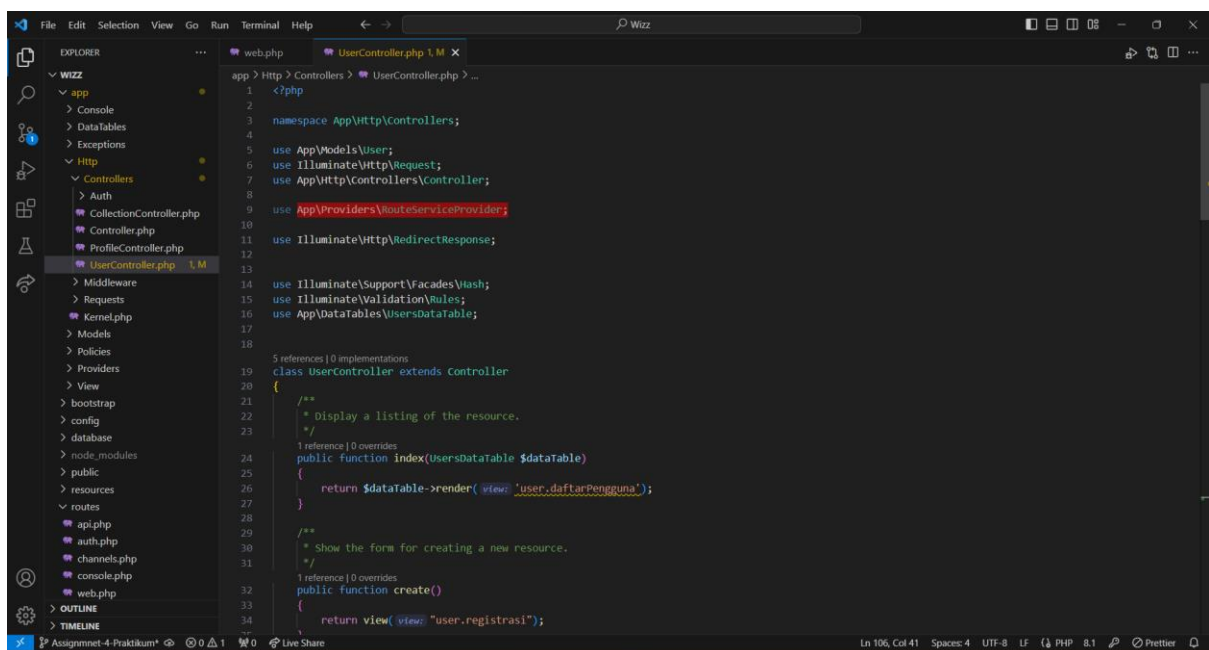
2. Screenshot File kelas routes/web.php



```
1 <?php
2
3 // 6706223137 Wijdan Andra Fulvian 46-04
4
5 use App\Http\Controllers\CollectionController;
6 use App\Http\Controllers_ProfileController;
7 use App\Http\Controllers\UserController;
8 use Illuminate\Support\Facades\Route;
9
10 /*
11 |-----
12 | Web Routes
13 |-----
14 |
15 | Here is where you can register web routes for your application. These
16 | routes are loaded by the RouteServiceProvider and all of them will
17 | be assigned to the "web" middleware group. Make something great!
18 |
19 */
20
21 Route::get('/', function () {
22     return view('welcome');
23 });
24
25 Route::get('/dashboard', function () {
26     return view('dashboard');
27 }->middleware(['auth', 'verified'])->name('dashboard');
28
29 Route::middleware('auth')->group(function () {
30     Route::get('/profile', [ProfileController::class, 'edit'])->name('profile.edit');
31     Route::patch('/profile', [ProfileController::class, 'update'])->name('profile.update');
32     Route::delete('/profile', [ProfileController::class, 'destroy'])->name('profile.destroy');
33
34     Route::get('/user', [UserController::class, 'index'])->name('user.daftarPengguna');
35     Route::get('/userRegistration', [UserController::class, 'create'])->name('user.registrasi');
36     Route::post('/userStore', [UserController::class, 'store'])->name('user.storePengguna');
37     Route::get('/userView/{user}', [UserController::class, 'show'])->name('user.infoPengguna');
38
39     Route::get('/userView/{user}', [UserController::class, 'show'])->name('user.infoPengguna');
40
41     Route::get('/koleksi', [CollectionController::class, 'index'])->name('koleksi.daftarKoleksi');
42     Route::get('/koleksiRambah', [CollectionController::class, 'create'])->name('koleksi.registrasi');
43     Route::post('/koleksiStore', [CollectionController::class, 'store'])->name('koleksi.storeKoleksi');
44     Route::get('/koleksiView/{collection}', [CollectionController::class, 'show'])->name('koleksi.infoKoleksi');
45 });
46
47 require __DIR__ . '/auth.php';
```

3. Screenshot Kelas controller UserController dan CollectionController

- UserController



```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\User;
6 use Illuminate\Http\Request;
7 use App\Http\Controllers\Controller;
8
9 use App\Providers\RouteServiceProvider;
10
11 use Illuminate\Http\RedirectResponse;
12
13
14 use Illuminate\Support\Facades\Hash;
15 use Illuminate\Validation\Rules;
16 use App\DataTables\UsersDataTable;
17
18
19 5 references | 0 implementations
20 class UserController extends Controller
21 {
22     /**
23      * Display a listing of the resource.
24      */
25     1 reference | 0 overrides
26     public function index(UsersDataTable $dataTable)
27     {
28         return $dataTable->render(view: 'user.daftarPengguna');
29     }
30
31     /**
32      * Show the form for creating a new resource.
33      */
34     1 reference | 0 overrides
35     public function create()
36     {
37         return view(view: 'user.registrasi');
38     }
39 }
```

```
File Edit Selection View Go Run Terminal Help
Wizz

EXPLORER
web.php
Wizz
app
  Console
  DataTables
  Exceptions
  Http
    Controllers
      UserController.php
      Controller.php
      ProfileController.php
    Middleware
    Requests
    Kernel.php
    Models
    Policies
    Providers
    View
    bootstrap
    config
    database
    node_modules
    public
    resources
    routes
      api.php
      auth.php
      channels.php
      console.php
      web.php
    OUTLINE
    TIMELINE

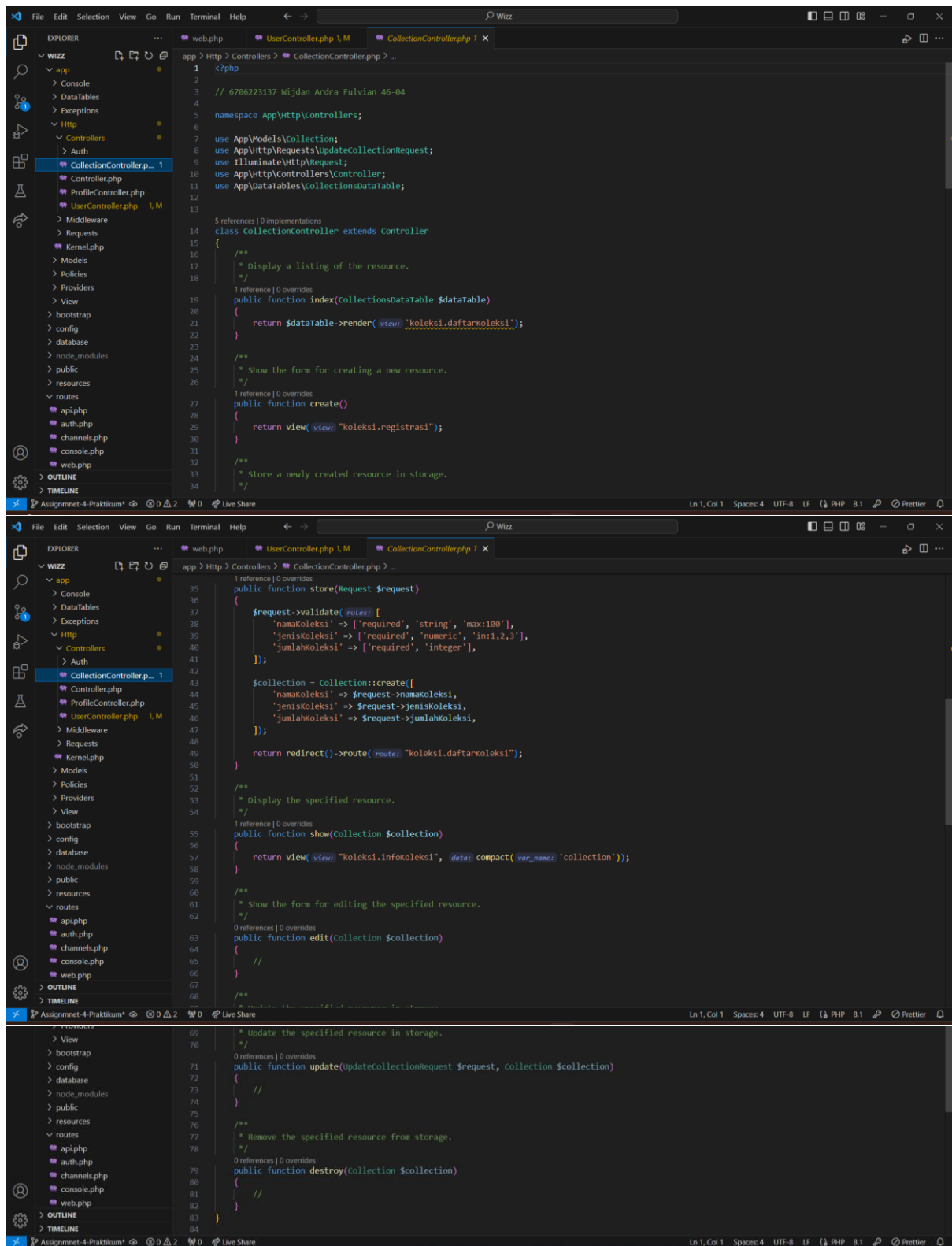
app > Http > Controllers > UserController.php
34 return view( view: "user.registrasi");
35 }
36
37 /**
38  * Store a newly created resource in storage.
39  */
40 1 reference|0 overrides
41 public function store(Request $request): RedirectResponse
42 {
43     $request->validate( rules: [
44         'username' => ['required', 'string', 'max:100'],
45         'fullName' => ['required', 'string', 'max:100'],
46         'email' => ['required', 'string', 'email', 'max:255', 'unique:'.User::class],
47         'password' => ['required', 'confirmed', Rules\Password::defaults()],
48         'address' => ['required', 'string', 'max:1000'],
49         'birthdate' => ['required', 'date'],
50         'phoneNumber' => ['required', 'string', 'max:20'],
51         'agama' => ['required', 'string', 'max:20'],
52         'jeniskelamin' => ['required', 'numeric', 'in:0,1'],
53     ]);
54
55     $user = User::create([
56         'username' => $request->username,
57         'fullName' => $request->fullName,
58         'email' => $request->email,
59         'password' => Hash::make( password: $request->password),
60         'address' => $request->address,
61         'birthdate' => $request->birthdate,
62         'phoneNumber' => $request->phoneNumber,
63         'agama' => $request->agama,
64         'jeniskelamin' => $request->jeniskelamin,
65     ]);
66
67     //Auth::login($user);
68
69
```

```
File Edit Selection View Go Run Terminal Help
Wizz

EXPLORER
web.php
Wizz
app
  Console
  DataTables
  Exceptions
  Http
    Controllers
      UserController.php
      Controller.php
      ProfileController.php
    Middleware
    Requests
    Kernel.php
    Models
    Policies
    Providers
    View
    bootstrap
    config
    database
    node_modules
    public
    resources
    routes
      api.php
      auth.php
      channels.php
      console.php
      web.php
    OUTLINE
    TIMELINE

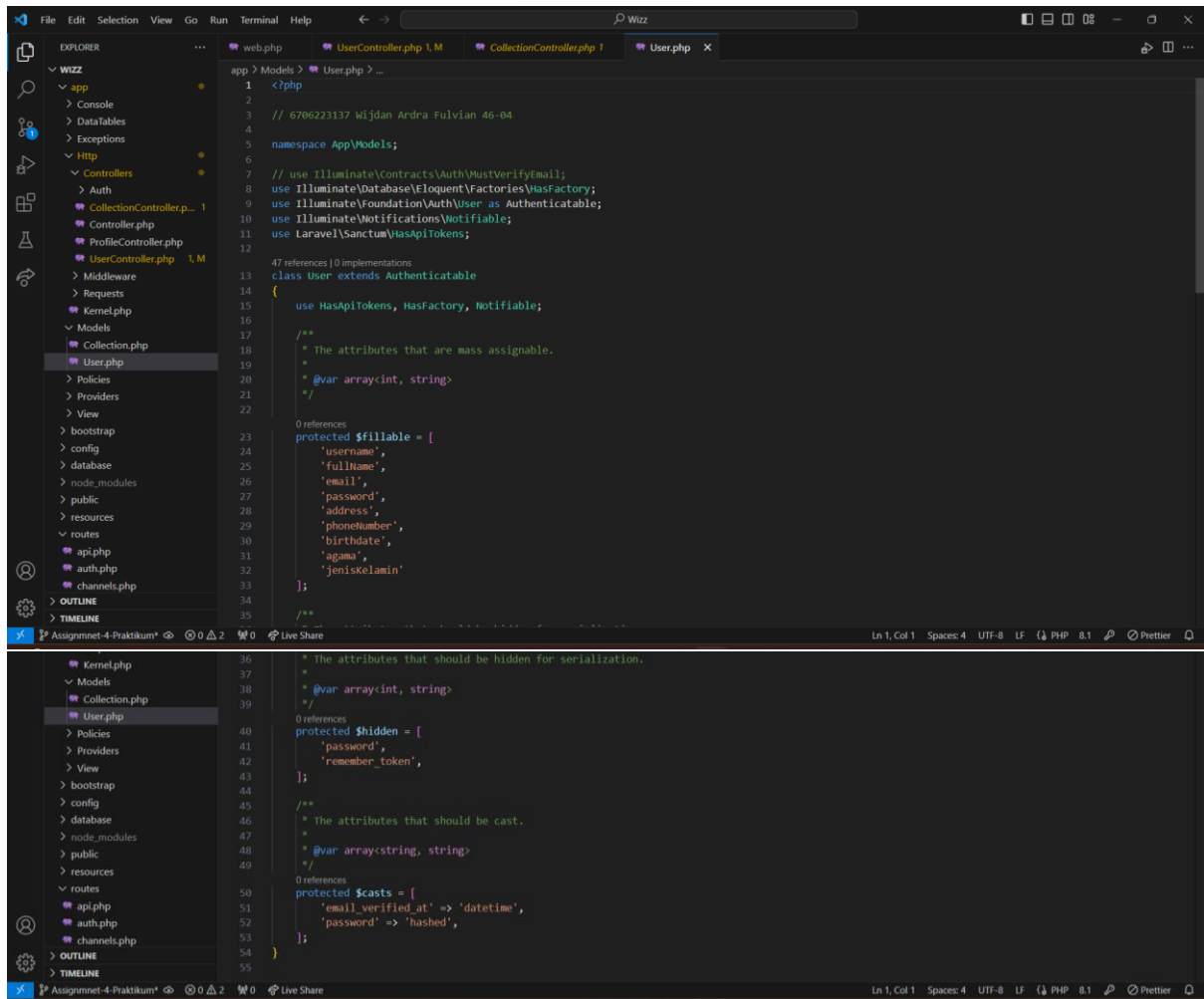
app > Http > Controllers > UserController.php
69 return redirect()->route( route: "user.daftarPengguna");
70 }
71
72 /**
73  * Display the specified resource.
74  */
75 1 reference|0 overrides
76 public function show(User $user)
77 {
78     return view( views: "user.infoPengguna", data: compact( var_name: "user"));
79 }
80
81 /**
82  * Show the form for editing the specified resource.
83  */
84 0 references|0 overrides
85 public function edit(string $id)
86 {
87     //
88 }
89
90 /**
91  * Update the specified resource in storage.
92  */
93 0 references|0 overrides
94 public function update(Request $request, string $id)
95 {
96     //
97 }
98
99 /**
100  * Remove the specified resource from storage.
101  */
102 0 references|0 overrides
103 public function destroy(string $id)
104 {
105     //
106 }
107
108 // 6786223137 Wijdan Andra Fulvian 46-04
109
110
```

- CollectionController



4. Screenshot Kelas model User dan Collection

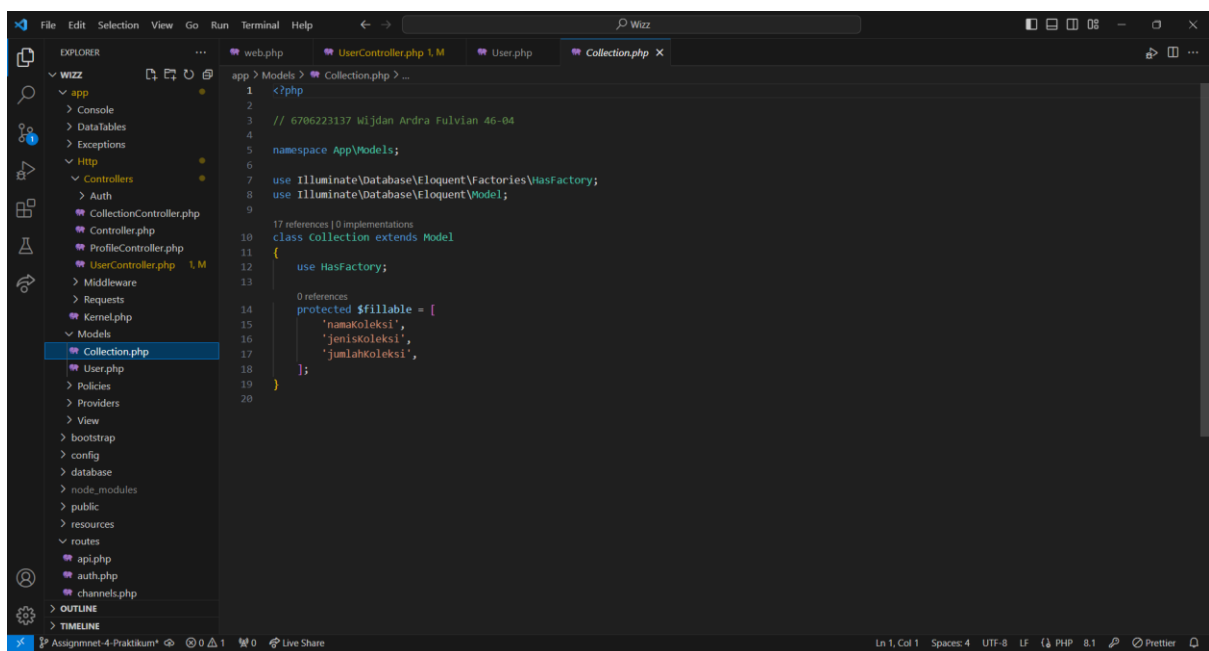
- User



The screenshot shows the Visual Studio Code editor with the 'User.php' file open in the 'Models' directory. The file contains the following code:

```
1 <?php
2
3 // 6786223137 Wijdan Andra Fulvian 46-04
4
5 namespace App\Models;
6
7 // use Illuminate\Contracts\Auth\MustVerifyEmail;
8 use Illuminate\Database\Eloquent\Factories\HasFactory;
9 use Illuminate\Foundation\Auth\User as Authenticatable;
10 use Illuminate\Notifications\Notifiable;
11 use Laravel\Sanctum\HasApiTokens;
12
13 class User extends Authenticatable
14 {
15     use HasApiTokens, HasFactory, Notifiable;
16
17     /**
18      * The attributes that are mass assignable.
19      *
20      * @var array<int, string>
21      */
22
23     protected $fillable = [
24         'username',
25         'fullName',
26         'email',
27         'password',
28         'address',
29         'phoneNumber',
30         'birthdate',
31         'agama',
32         'jeniskelamin'
33     ];
34
35     /**
36      * The attributes that should be hidden for serialization.
37      *
38      * @var array<int, string>
39      */
40     protected $hidden = [
41         'password',
42         'remember_token',
43     ];
44
45     /**
46      * The attributes that should be cast.
47      *
48      * @var array<string, string>
49      */
50     protected $casts = [
51         'email_verified_at' => 'datetime',
52         'password' => 'hashed',
53     ];
54
55 }
```

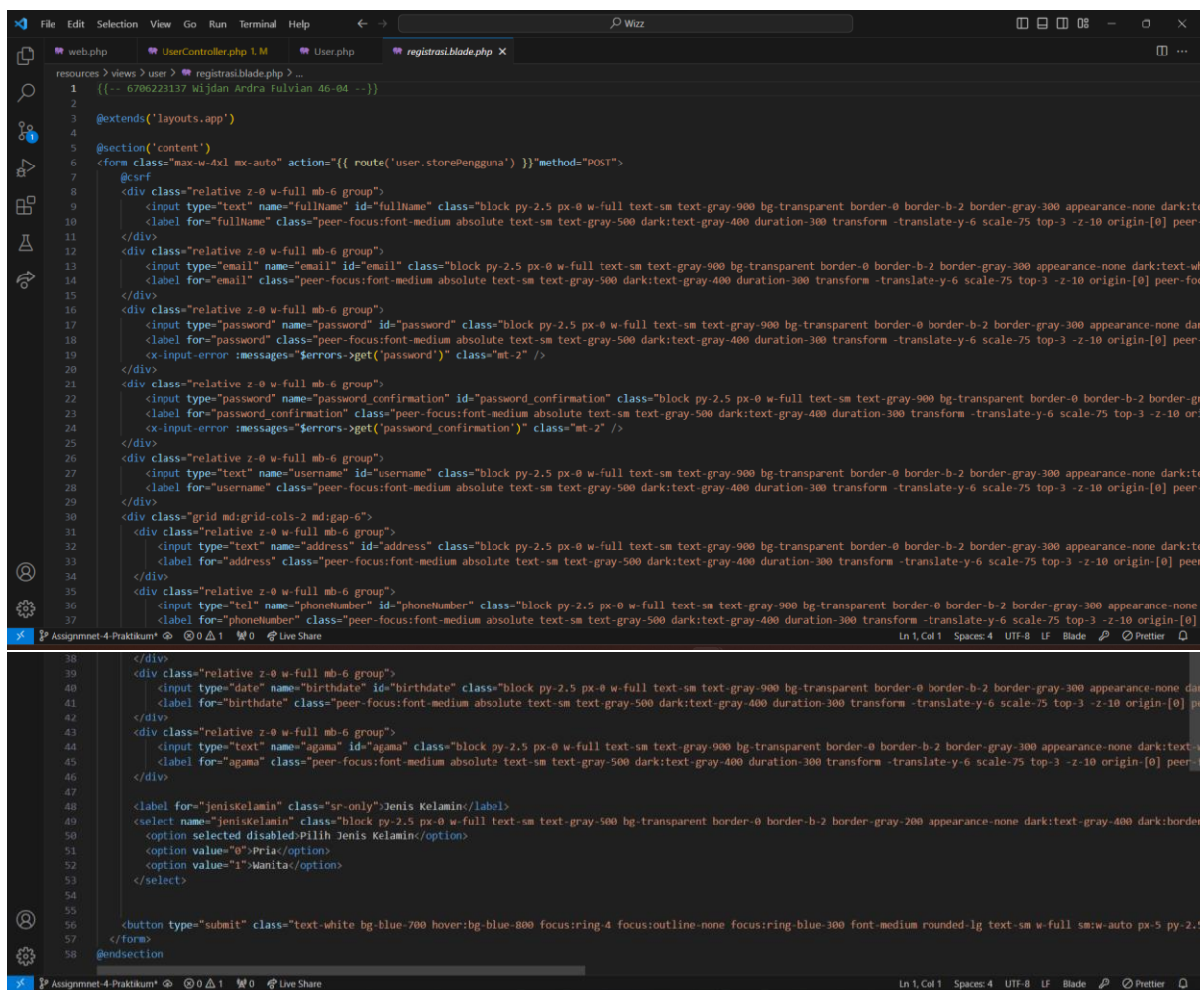
- Collection



The screenshot shows the Visual Studio Code editor with the 'Collection.php' file open in the 'Models' directory. The file contains the following code:

```
1 <?php
2
3 // 6786223137 Wijdan Andra Fulvian 46-04
4
5 namespace App\Models;
6
7 use Illuminate\Database\Eloquent\Factories\HasFactory;
8 use Illuminate\Database\Eloquent\Model;
9
10 class Collection extends Model
11 {
12     use HasFactory;
13
14     protected $fillable = [
15         'namakoleksi',
16         'jeniskoleksi',
17         'jumlahkoleksi',
18     ];
19
20 }
```

- daftarPengguna.blade.php



- infoPengguna.blade.php

```

1  {{!-- 6706223137 WiJdan Andra Fulvian 46-04 --}}
2
3  <x-app-layout>
4      <x-slot name="header">
5          <h2 class="font-semibold text-xl text-gray-800 dark:text-gray-200 leading-tight">
6              {{ _('Dashboard') }}
7          </h2>
8      </x-slot>
9
10     <div class="py-12">
11         <div class="max-w-7xl mx-auto sm:px-6 lg:px-8">
12             <div class="bg-white dark:bg-gray-800 overflow-hidden shadow-sm sm:rounded-lg">
13                 <div class="p-6 text-gray-900 dark:text-gray-100">
14                     <div class="relative overflow-x-auto shadow-md sm:rounded-lg">
15                         <table class="w-full text-sm text-left text-gray-500 dark:text-gray-400">
16                             <tr>
17                                 <th class="p-4">Full Name</th>
18                                 <td class="p-4">{{ $user->fullName }}</td>
19                             </tr>
20                             <tr>
21                                 <th class="p-4">Email</th>
22                                 <td class="p-4">{{ $user->email }}</td>
23                             </tr>
24                             <tr>
25                                 <th class="p-4">Username</th>
26                                 <td class="p-4">{{ $user->username }}</td>
27                             </tr>
28                             <tr>
29                                 <th class="p-4">Address</th>
30                                 <td class="p-4">{{ $user->address }}</td>
31                             </tr>
32                             <tr>
33                                 <th class="p-4">Phone Number</th>
34                                 <td class="p-4">{{ $user->phoneNumber }}</td>
35                             </tr>
36                             <tr>
37                                 <th class="p-4">Birthdate</th>
38                                 <td class="p-4">{{ $user->birthdate }}</td>
39                             </tr>
40                             <tr>
41                                 <th class="p-4">Agama</th>
42                                 <td class="p-4">{{ $user->agama }}</td>
43                             </tr>
44                             <tr>
45                                 <th class="p-4">Gender</th>
46                                 <td class="p-4">@if ( $user->jeniskelamin == 0 )
47                                     <span>Pria</span>
48                                 @else
49                                     <span>Manita</span>
50                                 @endif</td>
51                             </tr>
52                         </table>
53                     </div>
54                 </div>
55             </div>
56         </div>
57     </x-app-layout>
58
59

```

- daftarKoleksi.blade.php

```

1  {{!-- 6706223137 WiJdan Andra Fulvian 46-04 --}}
2
3  <x-app-layout>
4      <x-slot name="header">
5          <div class="flex justify-between items-center">
6              <h2 class="font-semibold text-xl text-gray-800 dark:text-gray-200 leading-tight">
7                  {{ _('Daftar Koleksi') }}
8              </h2>
9              <a href="{{ route('koleksi.registrasi') }}">
10                  <button type="button" class="text-white bg-blue-700 hover:bg-blue-800 focus:ring-4 focus:ring-blue-300 font-medium rounded-lg text-sm px-5 py-2.5 mr-2 mb-2 dark:bg-blue-600 dark:hover:bg-blue-700 dark:focus:ring-blue-800">Daftar Koleksi</button>
11              </a>
12          </div>
13      </x-slot>
14
15     <div class="py-12">
16         <div class="max-w-7xl mx-auto sm:px-6 lg:px-8">
17             <div class="bg-white dark:bg-gray-800 overflow-hidden shadow-sm sm:rounded-lg">
18                 <div class="p-6 text-gray-900 dark:text-gray-100">
19                     <div class="w-full">
20                         {{ $dataTable->table() }}
21                     </div>
22                 </div>
23             </div>
24         </div>
25     </div>
26     @push('scripts')
27         {{ $dataTable->scripts(attributes: ['type' => 'module']) }}
28     @endpush
29 </x-app-layout>

```


- registrasi.blade.php

```

1  {{!-- 6706223137 Wijdan Andra Fulvian 46-04 --}}
2
3  @extends('layouts.app')
4
5  @section('content')
6  <form class="max-w-4xl mx-auto" action="{{ route('koleksi.storekoleksi') }}" method="POST">
7      @csrf
8      <div class="relative z-0 w-full mb-6 group">
9          <input type="text" name="namaKoleksi" id="namaKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance-none
10             <label for="namaKoleksi" class="peer-focus:font-medium absolute text-sm text-gray-500 dark:text-gray-400 duration-300 transform -translate-y-6 scale-75 top-3 -z-10 origin-[0] p
11         </div>
12         <div class="mt-4">
13             <input type="radio" name="jenisKoleksi" value="1" class="peer-focus:ring" /> <span class="ml-2">Buku</span>
14             <div>
15                 <input type="radio" name="jenisKoleksi" value="2" class="peer-focus:ring" /> <span class="ml-2">Majalah</span>
16             </div>
17             <div>
18                 <input type="radio" name="jenisKoleksi" value="3" class="peer-focus:ring" /> <span class="ml-2">Cakram Digital</span>
19             </div>
20             <input type="text" name="jumlahKoleksi" id="jumlahKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance
21             <input type="text" name="jumlahKoleksi" id="jumlahKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance
22         </div>
23         <button type="submit" class="text-white bg-blue-700 hover:bg-blue-800 focus:ring-4 focus:outline-none focus:ring-blue-300 font-medium rounded-lg text-sm w-full sm:w-auto px-5 py-2.5
24     </form>
25 @endsection

```

- infoKoleksi.blade.php

```

1  {{!-- 6706223137 Wijdan Andra Fulvian 46-04 --}}
2
3  @extends('layouts.app')
4
5  @section('content')
6  <div class="relative z-0 w-full mb-6 group">
7      <input type="text" name="namaKoleksi" id="namaKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance-none
8      <label for="namaKoleksi" class="peer-focus:font-medium absolute text-sm text-gray-500 dark:text-gray-400 duration-300 transform -translate-y-6 scale-75 top-3 -z-10 origin-[0] p
9  </div>
10     <div class="mt-4">
11         <input type="radio" name="jenisKoleksi" value="1" class="peer-focus:ring" /> <span class="ml-2">Buku</span>
12         <div>
13             <input type="radio" name="jenisKoleksi" value="2" class="peer-focus:ring" /> <span class="ml-2">Majalah</span>
14         </div>
15         <div>
16             <input type="radio" name="jenisKoleksi" value="3" class="peer-focus:ring" /> <span class="ml-2">Cakram Digital</span>
17         </div>
18         <input type="text" name="jumlahKoleksi" id="jumlahKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance
19         <input type="text" name="jumlahKoleksi" id="jumlahKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance
20     </div>
21     <button type="submit" class="text-white bg-blue-700 hover:bg-blue-800 focus:ring-4 focus:outline-none focus:ring-blue-300 font-medium rounded-lg text-sm w-full sm:w-auto px-5 py-2.5
22 </form>
23 @endsection
24
25 @section('content')
26 <div class="relative z-0 w-full mb-6 group">
27     <input type="text" name="namaKoleksi" id="namaKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance-none
28     <label for="namaKoleksi" class="peer-focus:font-medium absolute text-sm text-gray-500 dark:text-gray-400 duration-300 transform -translate-y-6 scale-75 top-3 -z-10 origin-[0] p
29 </div>
30     <div class="mt-4">
31         <input type="radio" name="jenisKoleksi" value="1" class="peer-focus:ring" /> <span class="ml-2">Buku</span>
32         <div>
33             <input type="radio" name="jenisKoleksi" value="2" class="peer-focus:ring" /> <span class="ml-2">Majalah</span>
34         </div>
35         <div>
36             <input type="radio" name="jenisKoleksi" value="3" class="peer-focus:ring" /> <span class="ml-2">Cakram Digital</span>
37         </div>
38         <input type="text" name="jumlahKoleksi" id="jumlahKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance
39         <input type="text" name="jumlahKoleksi" id="jumlahKoleksi" class="block py-2.5 w-full text-sm text-gray-900 bg-transparent border-0 border-b-2 border-gray-300 appearance
40     </div>
41     <button type="submit" class="text-white bg-blue-700 hover:bg-blue-800 focus:ring-4 focus:outline-none focus:ring-blue-300 font-medium rounded-lg text-sm w-full sm:w-auto px-5 py-2.5
42 </form>
43 @endsection

```