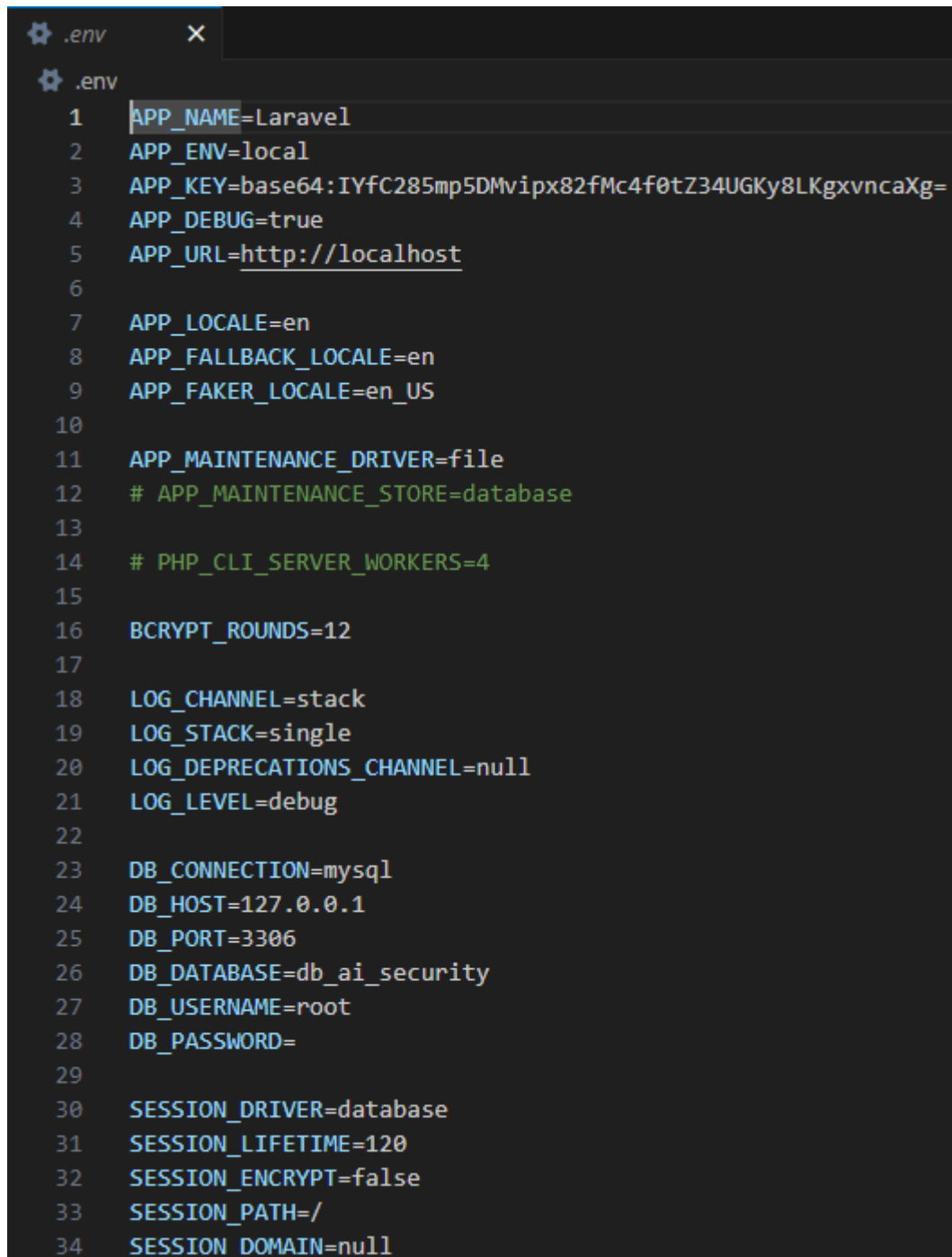


LAMPIRAN

Lampiran 1 Kode Skrip *env*.

A screenshot of a code editor showing a .env file. The editor has a dark theme. The file name ".env" is shown in the top left corner with a gear icon and a close button. The code is as follows:

```
1 APP_NAME=Laravel
2 APP_ENV=local
3 APP_KEY=base64:IYfC285mp5DMvipx82fMc4f0tZ34UGKy8LKgxvncaXg=
4 APP_DEBUG=true
5 APP_URL=http://localhost
6
7 APP_LOCALE=en
8 APP_FALLBACK_LOCALE=en
9 APP_FAKER_LOCALE=en_US
10
11 APP_MAINTENANCE_DRIVER=file
12 # APP_MAINTENANCE_STORE=database
13
14 # PHP_CLI_SERVER_WORKERS=4
15
16 BCRYPT_ROUNDS=12
17
18 LOG_CHANNEL=stack
19 LOG_STACK=single
20 LOG_DEPRECATEDATIONS_CHANNEL=null
21 LOG_LEVEL=debug
22
23 DB_CONNECTION=mysql
24 DB_HOST=127.0.0.1
25 DB_PORT=3306
26 DB_DATABASE=db_ai_security
27 DB_USERNAME=root
28 DB_PASSWORD=
29
30 SESSION_DRIVER=database
31 SESSION_LIFETIME=120
32 SESSION_ENCRYPT=false
33 SESSION_PATH=/
34 SESSION_DOMAIN=null
```

```
.env X
.env
36 BROADCAST_CONNECTION=log
37 FILESYSTEM_DISK=local
38 QUEUE_CONNECTION=database
39
40 CACHE_STORE=database
41 # CACHE_PREFIX=
42
43 MEMCACHED_HOST=127.0.0.1
44
45 REDIS_CLIENT=phpredis
46 REDIS_HOST=127.0.0.1
47 REDIS_PASSWORD=null
48 REDIS_PORT=6379
49
50 MAIL_MAILER=log
51 MAIL_SCHEME=null
52 MAIL_HOST=127.0.0.1
53 MAIL_PORT=2525
54 MAIL_USERNAME=null
55 MAIL_PASSWORD=null
56 MAIL_FROM_ADDRESS="hello@example.com"
57 MAIL_FROM_NAME="${APP_NAME}"
58
59 AWS_ACCESS_KEY_ID=
60 AWS_SECRET_ACCESS_KEY=
61 AWS_DEFAULT_REGION=us-east-1
62 AWS_BUCKET=
63 AWS_USE_PATH_STYLE_ENDPOINT=false
64
65 VITE_APP_NAME="${APP_NAME}"
66
67 # Contoh jika Python utama Anda ada di folder Programs
68 PYTHON_PATH="C:/Users/ASEP ISA/skripsi-cnn-app/.venv/Scripts/python.exe"
```

Lampiran 2 Kode Skrip *AdminController.php*

```
AdminController.php X
app > Http > Controllers > AdminController.php
1 |<?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6 use App\Models\ScanHistory;
7 use Carbon\Carbon; // Wajib ditambahkan untuk memanipulasi waktu
8
9 class AdminController extends Controller
10 {
11     /**
12      * Menampilkan dan mengelola seluruh riwayat pemindaian global
13      */
14     public function manageHistories()
15     {
16         // 1. FITUR AUTO-DELETE: Hapus otomatis riwayat yang berumur lebih dari 30 hari
17         $thirtyDaysAgo = Carbon::now()->subDays(30);
18         $deletedCount = ScanHistory::where('created_at', '<', $thirtyDaysAgo)->delete();
19
20         // 2. Ambil sisa data riwayat yang masih valid (terbaru di atas)
21         // Pastikan relasi 'user' dimuat agar tidak error saat menampilkan nama pengguna
22         $histories = ScanHistory::with('user')->orderBy('created_at', 'desc')->get();
23
24         // 3. Jika ada data yang terhapus, kita bisa mengirimkan pesan flash (Opsional)
25         if ($deletedCount > 0) {
26             session()->flash('info', $deletedCount . ' riwayat usang (lebih dari 30 hari) telah dibersihkan otomatis oleh sistem.');
```

Lampiran 3 Kode Skrip *AdminUserController.php*

```
AdminUserController.php X
app > Http > Controllers > AdminUserController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\User;
6  use Illuminate\Http\Request;
7  use Illuminate\Support\Facades\Hash;
8  use Illuminate\Support\Facades\Auth;
9  use Illuminate\Validation\Rules;
10
11 class AdminUserController extends Controller
12 {
13     /**
14      * Menampilkan daftar semua pengguna
15      */
16     public function index()
17     {
18         $users = User::orderBy('created_at', 'desc')->get();
19         return view('admin.users.index', compact('users'));
20     }
21
22     /**
23      * Menampilkan form tambah pengguna baru
24      */
25     public function create()
26     {
27         return view('admin.users.create');
28     }
29
30     /**
31      * Menyimpan data pengguna baru ke database
32      */
33     public function store(Request $request)
34     {
```

Lampiran 4 Kode Skrip *ImageClassificationController.php*

```
ImageClassificationController.php X
app > Http > Controllers > ImageClassificationController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Support\Facades\Auth;
6  use Illuminate\Http\Request;
7  use Illuminate\Support\Facades\File;
8  use Illuminate\Support\Facades\Http;
9  use Illuminate\Support\Facades\DB;
10 use Illuminate\Support\Facades\Validator;
11 use Carbon\Carbon;
12 use App\Models\ScanHistory;
13
14 class ImageClassificationController extends Controller
15 {
16     // =====
17     // 1. TAMPILAN HALAMAN (VIEWS)
18     // =====
19     public function index() {
20         return view('classify');
21     }
22
23     public function dashboard() {
24         return view('dashboard');
25     }
26
27     public function deepfakeIndex() {
28         return view('deepfake');
29     }
30
31     // =====
32     // 2. TAMPILAN HALAMAN HASIL ANALITIK (XAI)
33     // =====
34     public function showResult($id)
35 {
```

Lampiran 5 Kode Skrip *HistoryController.php*

```
HistoryController.php X
app > Http > Controllers > HistoryController.php
1 |<?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6 use App\Models\ScanHistory;
7 use Illuminate\Support\Facades\Auth;
8
9 class HistoryController extends Controller
10 {
11     /**
12      * Menampilkan daftar riwayat milik pengguna yang sedang login
13      */
14     public function myHistory()
15     {
16         $histories = ScanHistory::where('user_id', Auth::id())
17             ->orderBy('created_at', 'desc')
18             ->get();
19
20         return view('history.index', compact('histories'));
21     }
22
23
24
25     /**
26      * Mengeksekusi tampilan cetak dokumen PDF/Print
27      */
28     public function printDocument($id)
29     {
30         // Cari dokumen berdasarkan ID dan pastikan itu milik user yang sedang login
31         $history = ScanHistory::where('user_id', Auth::id())->findOrFail($id);
32
33         // Tampilkan halaman khusus cetak (kertas A4)
34         return view('history.print', compact('history'));
35     }
36 }
```

Lampiran 6 Kode Skrip *ProfileController.php*

```
ProfileController.php x
app > Http > Controllers > ProfileController.php
1  k?php
2
3  namespace App\Http\Controllers;
4
5  use App\Http\Requests\ProfileUpdateRequest;
6  use Illuminate\Http\RedirectResponse;
7  use Illuminate\Http\Request;
8  use Illuminate\Support\Facades\Auth;
9  use Illuminate\Support\Facades\Redirect;
10 use Illuminate\View\View;
11
12 class ProfileController extends Controller
13 {
14     /**
15      * Display the user's profile form.
16      */
17     public function edit(Request $request): View
18     {
19         return view('profile.edit', [
20             'user' => $request->user(),
21         ]);
22     }
23
24     /**
25      * Update the user's profile information.
26      */
27     public function update(ProfileUpdateRequest $request): RedirectResponse
28     {
29         $request->user()->fill($request->validated());
30
31         if ($request->user()->isDirty('email')) {
32             $request->user()->email_verified_at = null;
33         }
34     }
35 }
```

Lampiran 7 Kode Skrip *admin/dashboard.blade.php*

```
dashboard.blade.php X
resources > views > admin > dashboard.blade.php
1  @extends('layouts.app')
2
3  @section('title', 'Admin Dashboard')
4
5  @section('content')
6  {{-- Mengambil data spesifik untuk analitik Global Administrator --}}
7  @php
8      // Total keseluruhan sudah dilempar dari web.php ($total_users, $total_scans, $total_requests)
9
10     // Statistik Tipe Pemindaian (Global)
11     $globalImage = \App\Models\ScanHistory::where('scan_type', 'LIKE', '%Image%')->count();
12     $globalVideo = \App\Models\ScanHistory::where('scan_type', 'LIKE', '%Video%')->count();
13
14     // Statistik Hasil Pemindaian (Global)
15     $globalAsli = \App\Models\ScanHistory::where('result_label', 'LIKE', '%Asli%')->count();
16     $globalPalsu = $total_scans - $globalAsli;
17 @endphp
18
19 <style>
20 @keyframes fadeInUp { 0% { opacity: 0; transform: translateY(20px); } 100% { opacity: 1; transform: translateY(0); } }
21 .animate-fade-up { animation: fadeInUp 0.6s ease-out forwards; opacity: 0; }
22 .delay-100 { animation-delay: 100ms; }
23 .delay-200 { animation-delay: 200ms; }
24 .delay-300 { animation-delay: 300ms; }
25
26 .glass-panel {
27     background: rgba(15, 23, 42, 0.4);
28     backdrop-filter: blur(16px);
29     -webkit-backdrop-filter: blur(16px);
30     border: 1px solid rgba(255, 255, 255, 0.05);
31     box-shadow: 0 25px 50px rgba(0, 0, 0, 0.5);
32 }
33 </style>
```

Lampiran 8 Kode Skrip *admin/users/create.blade.php*

```
create.blade.php X
resources > views > admin > users > create.blade.php
1  @extends('layouts.app')
2
3  @section('content')
4  <div class="w-full max-w-2xl mx-auto page-transition" style="animation: fadeInUp 0.4s ease-out forwards; opacity: 0; transform: translateY(10px);
5
6      <div class="mb-6">
7          <h3 class="text-2xl text-white font-bold flex items-center tracking-wide">
8              Registrasi Entitas Pengguna
9          </h3>
10         <p class="text-xs text-gray-500 mt-1">Daftarkan kredensial akun baru ke dalam sistem basis data</p>
11     </div>
12
13     <div class="bg-darkSidebar border border-white/10 p-8 rounded-2xl shadow-2xl backdrop-blur-sm">
14         <form method="POST" action="{{ route('admin.users.store') }}" class="space-y-6">
15             @csrf
16
17             <div>
18                 <label class="block text-xs font-semibold text-gray-400 uppercase tracking-widest mb-2">Nama Lengkap</label>
19                 <input type="text" name="name" required class="w-full bg-black/40 border border-gray-700 focus:border-teal-500 focus:ring-1 focus:ring-teal-500">
20                 @error('name') <span class="text-red-400 text-xs mt-1 block">{{ $message }}</span> @enderror
21             </div>
22
23             <div>
24                 <label class="block text-xs font-semibold text-gray-400 uppercase tracking-widest mb-2">Email Akses</label>
25                 <input type="email" name="email" required class="w-full bg-black/40 border border-gray-700 focus:border-teal-500 focus:ring-1 focus:ring-teal-500">
26                 @error('email') <span class="text-red-400 text-xs mt-1 block">{{ $message }}</span> @enderror
27             </div>
28
29             <div>
30                 <label class="block text-xs font-semibold text-gray-400 uppercase tracking-widest mb-2">Kata Sandi Awal</label>
31                 <input type="password" name="password" required class="w-full bg-black/40 border border-gray-700 focus:border-teal-500 focus:ring-1 focus:ring-teal-500">
32                 @error('password') <span class="text-red-400 text-xs mt-1 block">{{ $message }}</span> @enderror
33             </div>
34         </form>
35     </div>
```

Lampiran 9 Kode Skrip *admin/users/edit.blade.php*

```
edit.blade.php X
resources > views > admin > users > edit.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 <div class="w-full max-w-2xl mx-auto page-transition" style="animation: fadeInUp 0.4s ease-out forwards; opacity: 0; transform: translateY(10px);">
5
6     <div class="mb-6">
7         <h3 class="text-2xl text-white font-bold flex items-center tracking-wide">
8             Modifikasi Kredensial Pengguna
9         </h3>
10        <p class="text-xs text-gray-500 mt-1">Perbarui konfigurasi hak akses atau data profil pengguna</p>
11    </div>
12
13    <div class="bg-darkSidebar border border-white/10 p-8 rounded-2xl shadow-2xl backdrop-blur-sm">
14        <form method="POST" action="{{ route('admin.users.update', $user->id) }}">
15            @csrf
16            @method('PUT')
17
18            <div class="space-y-6">
19                <div>
20                    <label class="block text-xs font-semibold text-gray-400 uppercase tracking-widest mb-2">Nama lengkap</label>
21                    <input type="text" name="name" value="{{ old('name', $user->name) }}" required class="w-full bg-black/40 border border-gray-700">
22                    @error('name') <span class="text-red-400 text-xs mt-1 block">{{ $message }}</span> @enderror
23                </div>
24
25                <div>
26                    <label class="block text-xs font-semibold text-gray-400 uppercase tracking-widest mb-2">Email Akses</label>
27                    <input type="email" name="email" value="{{ old('email', $user->email) }}" required class="w-full bg-black/40 border border-gray-700">
28                    @error('email') <span class="text-red-400 text-xs mt-1 block">{{ $message }}</span> @enderror
29                </div>
30
31                <div>
32                    <label class="block text-xs font-semibold text-gray-400 uppercase tracking-widest mb-1">Kata Sandi Baru (Opsional)</label>
33                    <span class="block text-[10px] text-gray-500 mb-2">*Biarkan kosong jika pengguna tidak ingin mengganti kata sandi</span>
34                    <input type="password" name="password" class="w-full bg-black/40 border border-gray-700 focus:border-teal-500 focus:ring-1 fo
```

Lampiran 10 Kode Skrip *admin/users/index.blade.php*

```
index.blade.php X
resources > views > admin > users > index.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 <style>
5     @keyframes fadeInUp { 0% { opacity: 0; transform: translateY(20px); } 100% { opacity: 1; transform: translateY(0); } }
6     @keyframes fadeIn { 0% { opacity: 0; } 100% { opacity: 1; } }
7     .animate-fade-up { animation: fadeInUp 0.6s ease-out forwards; opacity: 0; }
8     .delay-100 { animation-delay: 100ms; }
9
10    .glass-panel {
11        background: rgba(15, 23, 42, 0.4);
12        backdrop-filter: blur(10px);
13        -webkit-backdrop-filter: blur(10px);
14        border: 1px solid rgba(255, 255, 255, 0.05);
15        box-shadow: 0 25px 50px -12px rgba(0, 0, 0, 0.5);
16    }
17 </style>
18
19 <div class="w-full page-transition">
20
21    <div class="flex flex-col sm:flex-row justify-between items-start sm:items-center mb-8 gap-4 animate-fade-up relative">
22        <div class="absolute -top-10 -left-10 w-40 h-40 bg-teal-500/20 rounded-full blur-[80px] -z-10"></div>
23        <div>
24            <h3 class="text-3xl text-white font-black flex items-center tracking-tight">
25                <div class="p-2 bg-teal-500/20 rounded-lg mr-4">
26                    <svg class="w-6 h-6 text-teal-400 fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-l
27                </div>
28                Kelola <span class="text-transparent bg-clip-text bg-gradient-to-r from-teal-400 to-blue-500 ml-2">Pengguna Sistem</span>
29            </h3>
30            <p class="text-xs text-gray-400 mt-2 ml-14 font-medium tracking-wide">Otorisasi hak akses entitas global peladen</p>
31        </div>
32        <a href="{{ route('admin.users.create') }}" class="bg-teal-500/10 border border-teal-500/50 hover:bg-teal-500 text-teal-400 hover:text-whi
33            <svg class="w-4 h-4 mr-2 group-hover:scale-110 transition-transform" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path strok
34            Tambah Pengguna
```

Lampiran 11 Kode Skrip *Classify.blade.php*

```
resources > views > classify.blade.php
1  @extends('layouts.app')
2
3  @section('title', 'AI Image Detector')
4
5  @section('content')
6      <style>
7          .loader { border-top-color: #2dd4bf; animation: spinner 1.5s linear infinite; }
8          @keyframes spinner { 0% { transform: rotate(0deg); } 100% { transform: rotate(360deg); } }
9          .animate-fade-in { animation: fadeIn 0.8s cubic-bezier(0.16, 1, 0.3, 1) forwards; }
10         @keyframes fadeIn { from { opacity: 0; transform: translateY(30px); } to { opacity: 1; transform: translateY(0); } }
11
12         .dropzone {
13             border: 2px dashed #45, 212, 191, 0.3);
14             background: #15, 23, 42, 0.4);
15             backdrop-filter: blur(16px);
16             transition: all 0.4s cubic-bezier(0.4, 0, 0.2, 1);
17         }
18         .dropzone:hover {
19             border-color: #45, 212, 191, 0.8);
20             background: #30, 41, 59, 0.6);
21             box-shadow: 0 10px 40px -10px #45, 212, 191, 0.2);
22         }
23         .drag-active {
24             border-color: #ec4899 !important;
25             background: #236, 72, 153, 0.05) !important;
26             box-shadow: 0 0 30px #236, 72, 153, 0.15) inset;
27         }
28         .text-gradient {
29             background-clip: text;
30             -webkit-background-clip: text;
31             -webkit-text-fill-color: transparent;
32             background-image: linear-gradient(to right, #2dd4bf, #3b82f6);
33         }
34         .glass-panel {
35             background: #15, 23, 42, 0.6);
```

Lampiran 12 Kode Skrip *Customer.blade.php*

```
resources > views > customer_service.blade.php
1  <!DOCTYPE html>
2  <html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
3  <head>
4      <meta charset="utf-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1">
6      <title>Customer Service - Sistem Deteksi Biometrik AI</title>
7
8      @vite(['resources/css/app.css', 'resources/js/app.js'])
9
10     <style>
11         body {
12             background-color: #0f172a;
13             background-image: radial-gradient(circle at 50% 0%, #115e59 0%, #0f172a 70%);
14         }
15         @keyframes fadeInUp {
16             0% { opacity: 0; transform: translateY(20px); }
17             100% { opacity: 1; transform: translateY(0); }
18         }
19         .page-transition { animation: fadeInUp 0.8s ease-out forwards; }
20     </style>
21 </head>
22 <body class="min-h-screen text-gray-200 antialiased font-sans flex flex-col">
23
24     {{-- NAVBAR --}}
25     <nav class="w-full p-6 flex justify-between items-center backdrop-blur-md border-b border-white/10 sticky top-0 z-50 bg-slate-900/50">
26         <a href="{{ url('/') }}" class="text-xl font-bold flex items-center gap-3 tracking-wider text-white hover:opacity-80 transition">
27             <div class="bg-teal-500/20 p-2 rounded-lg border border-teal-500/50 shadow-[0_0_10px_rgba(20,184,166,0.3)]">
28                 <svg class="w-6 h-6 text-teal-400" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-line
29             </div>
30             DETEKSI <span class="text-teal-400">AI</span>
31         </a>
32     </nav>
33
34     {{-- MAIN CONTENT --}}
35     <div class="flex-grow-1 p-6 flex flex-col justify-between gap-6">
```

Lampiran 13 Kode Skrip *deepfake.blade.php*

```
deepfake.blade.php X
resources > views > deepfake.blade.php
1 @extends('layouts.app')
2
3 @section('title', 'Deepfake Detector')
4
5 @section('content')
6 <style>
7     .loader { border-top-color: #f43f5e; animation: spinner 1.5s linear infinite; }
8     @keyframes spinner { 0% { transform: rotate(0deg); } 100% { transform: rotate(360deg); } }
9     .animate-fade-in { animation: fadeIn 0.8s cubic-bezier(0.16, 1, 0.3, 1) forwards; }
10    @keyframes fadeIn { from { opacity: 0; transform: translateY(30px); } to { opacity: 1; transform: translateY(0); } }
11
12    .dropzone {
13        border: 2px dashed #244, 63, 94, 0.3);
14        background: #15, 23, 42, 0.4);
15        backdrop-filter: blur(16px);
16        transition: all 0.4s cubic-bezier(0.4, 0, 0.2, 1);
17    }
18    .dropzone:hover {
19        border-color: #244, 63, 94, 0.8);
20        background: #30, 41, 59, 0.6);
21        box-shadow: 0 10px 40px -10px #244, 63, 94, 0.2);
22    }
23    .drag-active {
24        border-color: #ec4899 !important;
25        background: #236, 72, 153, 0.05) !important;
26        box-shadow: 0 0 30px #236, 72, 153, 0.15) inset;
27    }
28    .text-gradient {
29        background-clip: text;
30        -webkit-background-clip: text;
31        -webkit-text-fill-color: transparent;
32        background-image: linear-gradient(to right, #f43f5e, #ec4899);
33    }
34    .glass-panel {
35        background: #15, 23, 42, 0.6);
```

Lampiran 14 Kode Skrip *history/index.blade.php*

```
index.blade.php X
resources > views > history > index.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 <style>
5     @keyframes fadeInUp { 0% { opacity: 0; transform: translateY(20px); } 100% { opacity: 1; transform: translateY(0); } }
6     @keyframes fadeIn { 0% { opacity: 0; } 100% { opacity: 1; } }
7     .animate-fade-up { animation: fadeInUp 0.6s ease-out forwards; opacity: 0; }
8     .delay-100 { animation-delay: 100ms; }
9
10    .glass-panel {
11        background: #15, 23, 42, 0.4);
12        backdrop-filter: blur(16px);
13        -webkit-backdrop-filter: blur(16px);
14        border: 1px solid #255, 255, 255, 0.05);
15        box-shadow: 0 25px 50px -12px #0, 0, 0, 0.5);
16    }
17 </style>
18
19 <div class="w-full page-transition">
20
21     <div class="flex justify-between items-center mb-8 animate-fade-up relative">
22         <div class="absolute -top-10 -left-10 w-40 h-40 bg-teal-500/20 rounded-full blur-[80px] -z-10"></div>
23         <h3 class="text-3xl text-white font-black flex items-center tracking-tight">
24             <div class="p-2 bg-teal-500/20 rounded-lg mr-4">
25                 <svg class="w-6 h-6 text-teal-400" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M12 22s8-4 8-11V3a8 8 0 00-8-8h-1a8 8 0 00-8 8v12z"></svg>
26             </div>
27             Riwayat <span class="text-transparent bg-clip-text bg-gradient-to-r from-teal-400 to-blue-500 ml-2">Pemindaian Saya</span>
28         </h3>
29     </div>
30
31     {{-- Notifikasi Sukses --}}
32     @if(session('success'))
33         <div class="mb-6 bg-teal-500/10 border border-teal-500/30 text-teal-400 px-5 py-4 rounded-xl flex items-center text-sm animate-fade-up shadow">
34             <svg class="w-5 h-5 mr-3" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M9 12l2 2 4-4"></svg>
35             <span class="font-medium">{{ session('success') }}</span>
```

Lampiran 15 Kode Skrip *history/print.blade.php*

```
print.blade.php x
resources > views > history > print.blade.php
1 <!DOCTYPE html>
2 <html lang="id">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Laporan Analisis - SC-{{ str_pad($history->id, 4, '0', STR_PAD_LEFT) }}</title>
7 <script src="https://cdn.tailwindcss.com"></script>
8 <style>
9 /* CSS Khusus Print (Menghilangkan tombol saat masuk ke mode cetak) */
10 @media print {
11 | @page { size: A4; margin: 1cm; }
12 | body { print-color-adjust: exact; -webkit-print-color-adjust: exact; background-color: white !important; }
13 | .no-print { display: none !important; }
14 | .print-border { border: 1px solid #000 !important; }
15 | .a4-container { box-shadow: none !important; margin: 0 !important; padding: 0 !important; }
16 | }
17 body { background-color: #e5e7eb; color: #111827; font-family: 'Times New Roman', Times, serif; }
18 /* Simulasi Kertas A4 di Layar Monitor */
19 .a4-container {
20 | width: 210mm;
21 | min-height: 297mm;
22 | padding: 20mm;
23 | margin: 40px auto;
24 | background: white;
25 | box-shadow: 0 10px 25px rgba(0, 0, 0, 0.2);
26 | position: relative;
27 | }
28 </style>
29 </head>
30 <body class="antialiased text-gray-900">
31
32 <div class="text-center mt-10 no-print">
33 | <button onclick="window.print()" class="bg-indigo-600 hover:bg-indigo-700 text-white font-bold py-3 px-8 rounded-lg shadow-lg flex items-center">
34 | <svg class="w-5 h-5 mr-3" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round" s
35 | </svg> Cetak Dokumen Laporan (Print / PDF)
```

Lampiran 16 Kode Skrip *history.blade.php*

```
history.blade.php X
resources > views > history.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 {{-- PERUBAHAN: Menambahkan class khusus 'page-transition' agar efeknya konsisten --}}
5 <div class="w-full page-transition" style="animation: fadeInUp 0.4s ease-out forwards; opacity: 0; transform: translateY(10px);">
6
7     <div class="flex justify-between items-center mb-6">
8         <h3 class="text-2xl text-white font-bold flex items-center tracking-wide">
9             <svg class="w-7 h-7 mr-3 text-neonTeal" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M12 8v4m0 0h4m-4 0h-4" />
10             Riwayat Pemindaian Biometrik
11         </h3>
12     </div>
13
14     <div class="bg-darkSidebar border border-white/10 rounded-2xl shadow-2xl overflow-hidden backdrop-blur-sm">
15         <div class="overflow-x-auto">
16             <table class="w-full text-left border-collapse">
17                 <thead>
18                     <tr class="bg-black/40 border-b-2 border-neonRed/60 text-gray-400 uppercase text-xs tracking-wider font-semibold">
19                         <th class="px-6 py-5">No</th>
20                         <th class="px-6 py-5">Tipe Pemindaian</th>
21                         <th class="px-6 py-5">File Target</th>
22                         <th class="px-6 py-5">Status AI</th>
23                         <th class="px-6 py-5">Akurasi Sistem</th>
24                         <th class="px-6 py-5">Waktu Eksekusi</th>
25                     </tr>
26                 </thead>
27                 <tbody class="divide-y divide-white/5">
28                     @forelse ($histories as $index => $item)
29                         {{-- PERUBAHAN: Menambahkan efek stagger (muncul bergantian) pada setiap baris tabel --}}
30                         <tr class="hover:bg-white/5 transition-colors duration-300" style="animation: fadeIn 0.5s ease-out forwards; animation-delay: {{ $index * 0.1s }};">
31                             <td class="px-6 py-4 text-gray-300 font-medium">{{ $index + 1 }}</td>
32                             <td class="px-6 py-4">{{ $item->type }}</td>
33                             <td class="px-6 py-4">{{ $item->target }}</td>
34                             <td class="px-6 py-4">{{ $item->status }}</td>
35                             <td class="px-6 py-4">{{ $item->accuracy }}</td>
36                             <td class="px-6 py-4">{{ $item->time }}</td>
37                         </tr>
38                     @empty
39                         <tr>
40                             <td colspan="6" class="px-6 py-4 text-center text-gray-400">Tidak ada riwayat pemindaian.</td>
41                         </tr>
42                     @endforelse
43                 </tbody>
44             </table>
45         </div>
46     </div>
47 </div>
```

Lampiran 17 Kode Skrip *login.blade.php*

```
login.blade.php X
resources > views > auth > login.blade.php
1 <!DOCTYPE html>
2 <html lang="id">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Sistem Deteksi Biometrik AI - Login</title>
7     @vite(['resources/css/app.css', 'resources/js/app.js'])
8     <style>
9         body { background-color: #0f172a; background-image: radial-gradient(circle at 50% -20%, #115e59 0%, #0f172a 50%); }
10    </style>
11 </head>
12 <body class="min-h-screen flex items-center justify-center text-gray-200 antialiased font-sans">
13
14     <div class="w-full max-w-md p-8 page-transition" style="animation: fadeInUp 0.5s ease-out forwards;">
15         {{-- Tombol Kembali --}}
16         <a href="{{ url('/') }}" class="text-sm font-semibold text-gray-400 hover:text-teal-400 transition flex items-center mb-6 w-fit">
17             <svg class="w-4 h-4 mr-2" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M10 19 4 14 10 9" />
18             Kembali ke Halaman Utama
19         </a>
20
21         {{-- Logo & Judul --}}
22         <div class="text-center mb-8">
23             <div class="inline-flex items-center justify-center w-16 h-16 rounded-full bg-teal-500/10 border border-teal-500/30 mb-4 shadow-[0_0_15px_rgba(20,180,170,0.5)]">
24                 <svg class="w-8 h-8 text-teal-400" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M12 8v4m0 0h4m-4 0h-4" />
25             </div>
26             <h2 class="text-2xl font-bold tracking-wider text-white">SISTEM DETEKSI AI</h2>
27             <p class="text-sm text-gray-500 mt-2">Autentikasi Kredensial Pengguna</p>
28         </div>
29
30         {{-- Form Login --}}
31         <div class="bg-slate-900/50 backdrop-blur-md border border-white/10 p-8 rounded-2xl shadow-2xl">
32             <form method="POST" action="{{ route('login') }}">
33                 @csrf
34
35                 <div class="mb-6">
36                     <input type="text" class="w-full text-gray-200 bg-transparent border border-white/10 rounded-lg p-2.5 focus:outline-none focus:ring-2 focus:ring-teal-400" value="" />
37                     <label class="text-gray-400 text-sm font-medium">Masukkan Nama Pengguna</label>
38                 </div>
39
40                 <div class="mb-6">
41                     <input type="password" class="w-full text-gray-200 bg-transparent border border-white/10 rounded-lg p-2.5 focus:outline-none focus:ring-2 focus:ring-teal-400" value="" />
42                     <label class="text-gray-400 text-sm font-medium">Masukkan Kata Sandi</label>
43                 </div>
44
45                 <div class="text-center">
46                     <button type="submit" class="bg-teal-500 text-white font-medium px-6 py-3 rounded-lg hover:bg-teal-600 transition">Masuk</button>
47                 </div>
48
49                 <div class="text-center text-gray-400 text-sm">
50                     <a href="#">Lupa Kata Sandi?</a>
51                     <a href="#">Daftar</a>
52                 </div>
53             </form>
54         </div>
55     </div>
```

Lampiran 18 Kode Skrip *register.blade.php*

```

1 <!DOCTYPE html>
2 <html lang="id">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Sistem Deteksi Biometrik AI - Registrasi</title>
7 @vite(['resources/css/app.css', 'resources/js/app.js'])
8 <style>
9   body { background-color: #0f172a; background-image: radial-gradient(circle at 50% -20%, #115e59 0%, #0f172a 50%); }
10   @keyframes fadeInUp { 0% { opacity: 0; transform: translateY(20px); } 100% { opacity: 1; transform: translateY(0); } }
11   .page-transition { animation: fadeInUp 0.5s ease-out forwards; }
12 </style>
13 </head>
14 <body class="min-h-screen flex items-center justify-center text-gray-200 antialiased font-sans py-10">
15
16   <div class="w-full max-w-md p-8 page-transition">
17     <!-- Tombol Kembali -->
18     <a href="{{ url('/') }}" class="text-sm font-semibold text-gray-400 hover:text-teal-400 transition flex items-center mb-6 w-fit">
19       <svg class="w-4 h-4 mr-2" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round"
20         />
21       Kembali ke Halaman Utama
22     </a>
23
24     <!-- Logo & Judul -->
25     <div class="text-center mb-8">
26       <div class="inline-flex items-center justify-center w-16 h-16 rounded-full bg-teal-500/10 border border-teal-500/30 mb-4 shadow-[0_0_0_2px_#115e59]">
27         <svg class="w-8 h-8 text-teal-400" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round"
28           />
29       </div>
30       <h2 class="text-2xl font-bold tracking-wider text-white">SISTEM DETEKSI <span class="text-teal-400">AI</span></h2>
31       <p class="text-sm text-gray-500 mt-2">Registrasi Kredensial Pengguna Baru</p>
32     </div>
33
34     <!-- Form Registrasi -->
35     <div class="bg-slate-900/50 backdrop-blur-md border border-white/10 p-8 rounded-2xl shadow-2xl">
36       <form method="POST" action="{{ route('register') }}">

```

Lampiran 19 Kode Skrip *ScanHistory.php*

```

1  k?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7
8  class ScanHistory extends Model
9  {
10     use HasFactory;
11
12     /**
13      * Mengizinkan kolom-kolom di bawah ini untuk diisi secara massal (Mass Assignment)
14      */
15     protected $fillable = [
16         'user_id',
17         'scan_type',
18         'file_path',
19         'heatmap_path',    // <-- Kolom penyimpanan gambar matriks XAI Grad-CAM
20         'result_label',
21         'confidence_score',
22         'status_cetak'
23     ];
24
25     /**
26      * Relasi ke tabel User.
27      * Mengartikan bahwa setiap satu riwayat pemindaian pasti dimiliki oleh satu entitas pengguna.
28      */
29     public function user()
30     {
31         return $this->belongsTo(User::class, 'user_id');
32     }
33 }

```

Lampiran 20 Kode Skrip *scan/result.blade.php*

```
resources > views > scan > result.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 {{-- Deteksi otomatis apakah target adalah video atau gambar --}}
5 @php
6     $isVideo = str_contains(strtolower($history->scan_type ?? ''), 'video');
7
8     // LOGIKA KLASIFIKASI BINER
9     $label = $history->result_label ?? 'Majah Rekayasa (GAN)';
10    $isAsli = str_contains(strtolower($label), 'asli');
11
12    // Penentuan Warna secara Dinamis
13    $statusTextColor = $isAsli ? 'text-emerald-400' : 'text-rose-500';
14    $statusBorderColor = $isAsli ? 'border-emerald-500' : 'border-rose-500';
15    $statusBgColor = $isAsli ? 'bg-emerald-500/10' : 'bg-rose-500/10';
16 @endphp
17
18 <style>
19     .loader { border-top-color: #2dd4bf; animation: spinner 1.5s linear infinite; }
20     @keyframes spinner { 0% { transform: rotate(0deg); } 100% { transform: rotate(360deg); } }
21     @keyframes fadeInUp { 0% { opacity: 0; transform: translateY(15px); } 100% { opacity: 1; transform: translateY(0); } }
22
23     /* =====
24     ATURAN TATA GAYA KHUSUS PENCETAKAN (MEDIA PRINT)
25     ===== */
26     @media print {
27         /* Sembunyikan seluruh komponen navigasi dan tombol aksi */
28         .no-print, Array, button, sidebar, .sidebar, [role="navigation"], a {
29             display: none !important;
30         }
31
32         /* Ubah tata letak utama menjadi penuh satu halaman kertas */
33         body, .page-transition, .grid {
34             background: #ffffff !important;
35             color: #000000 !important;
36         }
37     }
38 </style>
```

Lampiran 21 Kode Skrip *admin/setting.blade.php*

```
resources > views > admin > settings.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 <div class="w-full page-transition" style="animation: fadeInUp 0.4s ease-out forwards; opacity: 0; transform: translateY(10px);">
5
6     <div class="mb-8">
7         <div class="inline-flex items-center bg-teal-500/10 border border-teal-500/30 text-teal-400 px-3 py-1 rounded-full text-[10px] font-bold">
8             Konfigurasi Inti Sistem
9         </div>
10        <h3 class="text-3xl text-white font-black tracking-wide">
11            Pengaturan <span class="text-transparent bg-clip-text bg-gradient-to-r from-teal-400 to-emerald-400">Parameter AI</span>
12        </h3>
13        <p class="text-sm text-gray-500 mt-2">Kalibrasi tingkat sensitivitas dan ambang batas toleransi model Convolutional Neural Network.</p>
14    </div>
15
16    @if(session('success'))
17        <div class="mb-6 bg-teal-500/20 border border-teal-500/50 text-teal-400 px-4 py-3 rounded-xl flex items-center text-sm font-medium">
18            <svg class="w-5 h-5 mr-2" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M5 12h14M12 5l7 7M12 19l7 7" /></svg>
19            {{ session('success') }}
20        </div>
21    @endif
22
23    <div class="grid grid-cols: 1 lg:grid-cols-3 gap-8">
24        {{-- BLOK PENGATURAN THRESHOLD --}}
25        <div class="lg:col-span-2 bg-slate-900/50 border border-white/10 p-8 rounded-2xl shadow-2xl backdrop-blur-md">
26
27            <form method="POST" action="{{ route('admin.settings.update') }}">
28                @csrf
29
30                <div class="mb-8 flex justify-between items-end">
31                    <div>
32                        <label class="block text-sm font-bold text-white tracking-widest mb-1">Ambang Batas Keyakinan (Confidence Threshold)</label>
33                        <p class="text-xs text-gray-400 leading-relaxed max-w-lg">
34                            Menentukan batas minimum skor akurasi (%). Jika hasil kalkulasi AI berada di bawah nilai ini, sistem akan mengklasifikasi
35                        </p>
36                    </div>
37                </div>
38            </form>
39        </div>
40    </div>
```

Lampiran 22 Kode Skrip *technology/detail.blade.php*

```
detail.blade.php X
resources > views > technology > detail.blade.php
1 <!DOCTYPE html>
2 <html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1">
6     <title>{{ $tech['title'] }} - Sistem Deteksi Biometrik AI</title>
7
8     @vite(['resources/css/app.css', 'resources/js/app.js'])
9
10    <style>
11        body {
12            background-color: #0f172a;
13        }
14        @keyframes fadeIn {
15            0% { opacity: 0; }
16            100% { opacity: 1; }
17        }
18        @keyframes slideRight {
19            0% { opacity: 0; transform: translateX(-20px); }
20            100% { opacity: 1; transform: translateX(0); }
21        }
22        @keyframes slideLeft {
23            0% { opacity: 0; transform: translateX(20px); }
24            100% { opacity: 1; transform: translateX(0); }
25        }
26
27        .fade-in { animation: fadeIn 0.8s ease-out forwards; }
28        .slide-right { animation: slideRight 0.8s ease-out forwards; }
29        .slide-left { animation: slideLeft 0.8s ease-out forwards; }
30    </style>
31 </head>
32 <body class="min-h-screen text-gray-200 antialiased font-sans flex flex-col">
33
34     {{-- NAVBAR (Sama seperti welcome) --}}
35     <div class="bg-gray-900 border-b border-gray-800 p-4 flex justify-between items-center">
```

Lampiran 23 Kode Skrip *User dashboard.blade.php*

```
dashboard.blade.php X
resources > views > dashboard.blade.php
1 @extends('layouts.app')
2
3 @section('title', 'Dashboard')
4
5 @section('content')
6     {{-- Mengambil data spesifik untuk user yang sedang login --}}
7     @php
8         $userId = Auth::id();
9
10        // Statistik Tipe Pemindaian
11        $totalImage = \App\Models\ScanHistory::where('user_id', $userId)->where('scan_type', 'LIKE', '%Image%')->count();
12        $totalVideo = \App\Models\ScanHistory::where('user_id', $userId)->where('scan_type', 'LIKE', '%Video%')->count();
13        $totalScans = $totalImage + $totalVideo;
14
15        // Statistik Hasil Pemindaian
16        $totalAsli = \App\Models\ScanHistory::where('user_id', $userId)->where('result_label', 'LIKE', '%Asli%')->count();
17        $totalPalsu = $totalScans - $totalAsli;
18    @endphp
19
20    <style>
21        @keyframes fadeInUp { 0% { opacity: 0; transform: translateY(20px); } 100% { opacity: 1; transform: translateY(0); } }
22        .animate-fade-up { animation: fadeInUp 0.6s ease-out forwards; opacity: 0; }
23        .delay-100 { animation-delay: 100ms; }
24        .delay-200 { animation-delay: 200ms; }
25        .delay-300 { animation-delay: 300ms; }
26
27        .glass-panel {
28            background: rgba(15, 23, 42, 0.4);
29            backdrop-filter: blur(16px);
30            -webkit-backdrop-filter: blur(16px);
31            border: 1px solid rgba(255, 255, 255, 0.05);
32            box-shadow: 0 25px 50px rgba(0, 0, 0, 0.5);
33        }
34    </style>
35
```

Lampiran 24 Kode Skrip *Models/User.php*

```
User.php x
app > Models > User.php
1  <?php
2
3  namespace App\Models;
4
5  // use Illuminate\Contracts\Auth\MustVerifyEmail;
6  use Illuminate\Database\Eloquent\Factories\HasFactory;
7  use Illuminate\Foundation\Auth\User as Authenticatable;
8  use Illuminate\Notifications\Notifiable;
9
10 class User extends Authenticatable
11 {
12     /** @use HasFactory<Database\Factories\UserFactory> */
13     use HasFactory, Notifiable;
14
15     /**
16      * The attributes that are mass assignable.
17      *
18      * @var list<string>
19      */
20     protected $fillable = [
21         'name',
22         'email',
23         'password',
24         'role', // <-- Tanda kutip pembuka sudah ditambahkan di sini
25     ];
26
27     /**
28      * The attributes that should be hidden for serialization.
29      *
30      * @var list<string>
31      */
32     protected $hidden = [
33         'password',
34         'remember_token',
35     ];
36 }
```

Lampiran 25 Kode Skrip *admin/users.blade.php*

```
users.blade.php x
resources > views > admin > users.blade.php
1 @extends('layouts.app')
2
3 @section('content')
4 <div class="w-full page-transition" style="animation: fadeInUp 0.4s ease-out forwards; opacity: 0; transform: translateY(10px);">
5
6     <div class="flex justify-between items-center mb-6">
7         <h3 class="text-2xl text-white font-bold flex items-center tracking-wide">
8             <svg class="w-7 h-7 mr-3 text-neonTeal" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-line
9             Kelola Entitas Pengguna
10        </h3>
11    </div>
12
13    <div class="bg-darkSidebar border border-white/10 rounded-2xl shadow-2xl overflow-hidden backdrop-blur-sm">
14        <div class="overflow-x-auto">
15            <table class="w-full text-left border-collapse">
16                <thead>
17                    <tr class="bg-black/40 border-b-2 border-neonTeal/50 text-gray-400 uppercase text-xs tracking-wider font-semibold">
18                        <th class="px-6 py-5">Identitas Pengguna</th>
19                        <th class="px-6 py-5">Kredensial Kontak</th>
20                        <th class="px-6 py-5">Hak Akses</th>
21                        <th class="px-6 py-5">Waktu Registrasi</th>
22                        <th class="px-6 py-5 text-center">Aksi</th>
23                    </tr>
24                </thead>
25                <tbody class="divide-y divide-white/5">
26                    @forelse ($users as $user)
27                        <tr class="hover:bg-white/5 transition-colors duration-300">
28                            <td class="px-6 py-4">
29                                <div class="flex items-center">
30                                    <div class="w-8 h-8 rounded-full bg-gray-700 flex items-center justify-center text-xs font-bold text-white mr-3">
31                                        {{ substr($user->name, 0, 1) }}
32                                    </div>
33                                    <div class="text-gray-200 font-bold tracking-wide">{{ $user->name }}</div>
34                                </div>
35                            </td>
36                        </tr>
37                    @empty
38                        <tr>
39                            <td colspan="5" class="text-center text-gray-400">Tidak ada pengguna ditemukan.</td>
40                        </tr>
41                    @endforelse
42                </tbody>
43            </table>
44        </div>
45    </div>
46</div>
47</section>
48</html>
```

Lampiran 26 Kode Skrip *welcome.blade.php*

```
welcome.blade.php x
resources > views > welcome.blade.php
1 <!DOCTYPE html>
2 <html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1">
6     <title>Sistem Deteksi Biometrik AI</title>
7
8     <link rel="icon" type="image/x-icon" href="{{ asset('favicon.ico') }}"v=1">
9
10    @vite(['resources/css/app.css', 'resources/js/app.js'])
11
12    <style>
13        /* Latar Belakang Tema Dark Mode & Efek Cahaya */
14        body {
15            background-color: #0f172a;
16            background-image: radial-gradient(circle at 50% 0%, #115e59 0%, #0f172a 70%);
17        }
18        @keyframes fadeInUp {
19            0% { opacity: 0; transform: translateY(20px); }
20            100% { opacity: 1; transform: translateY(0); }
21        }
22        .page-transition { animation: fadeInUp 0.8s ease-out forwards; }
23    </style>
24 </head>
25 <body class="min-h-screen text-gray-200 antialiased font-sans flex flex-col">
26
27    <nav class="w-full p-6 flex justify-between items-center backdrop-blur-md border-b border-white/10 sticky top-0 z-50 bg-slate-900/50">
28        {{-- Logo & Judul --}}
29        <div class="text-xl font-bold flex items-center gap-3 tracking-wider text-white">
30            <div class="bg-teal-500/20 p-2 rounded-lg border border-teal-500/50 shadow-[0_0_10px_rgba(20,184,166,0.3)]">
31                <svg class="w-6 h-6 text-teal-400" fill="none" stroke="currentColor" viewBox="0 0 24 24"><path stroke-linecap="round" stroke-line
32            </div>
33            DETEKSI <span class="text-teal-400">AI</span>
34        </div>
35    </nav>
```