

LAMPIRAN

Source code Halaman Login

```

@extends('layout.default')

@section('content')
    <div class=" w-full h-full flex justify-center items-center bg-slate-200">
        <div class=" bg-white w-[400px] rounded-md ">
            <div class=" flex justify-center font-bold text-3xl py-2">
                Login
            </div>
            <form action="" method="POST" class=" flex flex-col gap-5 px-5 pb-5 ">
                @csrf
                <div class=" flex flex-col">
                    <span>Email</span>
                    <input name="email" class=" bg-slate-100 p-2 rounded-md"
placeholder="Email" type="email">
                </div>
                <div class=" flex flex-col">
                    <span>Password</span>
                    <input name="password" class=" bg-slate-100 p-2 rounded-md"
type="password">
                </div>
                @if (session('gagal'))
                    <div class=" text-red-500">
                        {{ session('gagal') }}
                    </div>
                @endif
                <button class=" bg-teal-500 text-white font-semibold rounded-md p-
2">Login</button>

```

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    </form>
  </div>
</div>
@endsection

```

Source code Halaman Dashboard

```

@extends('layout.admin')

@section('body')
  <div class="p-5 h-full">
    <div class=" p-5 bg-white rounded-md">
      <div class=" font-bold text-xl">Selamat Datang, {{ auth()->user()->name
    }}</div>
      <div>
        
      </div>
      <div>
        <p >
          UD. Anugrah Lamongan merupakan merupakan Pabrik & Produsen
          Karpas/Tikar Lipat Terlengkap di Lamongan.
          Produk pesanan Anda langsung kami produksi dengan melibatkan
          tenaga produksi yang ahli dan terbaik
          dibidangnya. kami berlokasi di Lamongan tepatnya di Jln. Dsn.
          Dampit No 02 RT 05 RW 01, Gempoltukmloko, Sarirejo, Lamongan, Jawa Timur,
          Tikar Lipat Anugrah telah banyak melayani penjualan dari Dalam
          Negeri ke berbagai Daerah dan Kota di Indonesia seperti Jakarta,
          Malang, Bandung, Jogja, Semarang,
          Makassar
          dan lain-lain.
        </p>
        Berikut merupakan Produk Unggulan kami:

```

```

<br>
1. Tikar Lipat Anugrah Tanpa Sambungan (Tenun Mesin)
<br>
2. Tikar Lipat Anugrah (Tenun Manual)
</div>
</div>
</div>
@endsection

```

Source code Halaman Data Penjualan

```

@extends('layout.admin')

@section('body')
<div class="p-5">
<div class=" p-5 bg-white rounded-md">
<div class=" flex justify-between items-center">
<div class="py-5 font-bold text-xl">Data Penjualan</div>
<a class=" font-semibold text-white bg-blue-500 py-2 px-3 rounded-
md"
href="{{ route('data_penjualan.form') }}">Add</a>
</div>
<div>
<table class=" w-full border-collapse">
<thead>
<tr>
<th class=" text-left border p-2 bg-slate-200">NO</th>
<th class=" text-left border p-2 bg-slate-200">Tanggal</th>
<th class=" text-left border p-2 bg-slate-200">Tikar
Manual</th>
<th class=" text-left border p-2 bg-slate-200">Tikar Mesin</th>
<th class=" text-left border p-2 bg-slate-200">Tool</th>

```

```

        </tr>
    </thead>
    <tbody>
        @php
            $bulan = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep',
'Oct', 'Nov', 'Dec'];
        @endphp
        @foreach ($data_penjualan as $idx => $dp)
            <tr>
                <td class="p-2 border">{{ $idx + 1 }}</td>
                <td class="p-2 border">{{ $bulan[$dp->bulan] }}-{{ $dp-
>tahun }}</td>
                <td class="p-2 border">{{ $dp->tikar_manual }}</td>
                <td class="p-2 border">{{ $dp->tikar_mesin }}</td>
                <td class="p-2 border">
                    <a href="{{ route('data_penjualan.form',['id'=>$dp-
>id]) }}" class=" text-blue-600 ">Edit</a>
                    <a href="{{ route('data_penjualan.delete',['id'=>$dp-
>id]) }}" class=" text-red-600 ">Delete</a>
                </td>
            </tr>
        @endforeach
    </tbody>
</table>
</div>
</div>
</div>
@endsection

```



```

        <option          value="{{          $i          }}"
        {{ $data?($data['bulan']==$i?'selected':":") }} >{{ $b }}</option>
    @endforeach
</select>
</div>
<div class=" flex flex-col">
    <div class=" font-semibold">Tikar Manual</div>
    <input          class="          bg-slate-100          p-2          rounded-md"
name="tikar_manual" type="text" value="{{ $data?$data['tikar_manual']:"" }} >
</div>
<div class=" flex flex-col">
    <div class=" font-semibold">Tikar Mesin</div>
    <input class=" bg-slate-100 p-2 rounded-md" name="tikar_mesin"
type="text" value="{{ $data?$data['tikar_mesin']:"" }}">
</div>
    <button          class="          bg-blue-600          p-2          text-white          rounded-
md">Save</button>
</form>
</div>
</div>
</div>
@endsection

```

Source code Halaman Proses Forecasting

```

@extends('layout.admin')

@section('body')
    <div class="p-5">
        <div class=" p-5 bg-white rounded-md">

```



```

<div class="py-5 font-bold text-xl">Forecasting Metode Single
Exponential Smoothing Tikar Lipat {{ Request::get('jenis') }} </div>
<div class="flex justify-between items-end">
<form action="" class=" flex gap-2 items-end">
<div class="hidden">
<input name="jenis" value="{{ Request::get('jenis') }}" />
</div>
<div>
<div>Dari Tahun</div>
<select class=" bg-slate-100 p-2 rounded-md w-full"
name="tahun_mulai" id="">
@for ($i = $mn_t; $i < $mx_t + 1; $i++)
<option value="{{ $i }}"
{{ $th ? ($th->mulai == $i ? 'selected' : '') : ($i == $mn_t ?
'selected' : '') }}>
{{ $i }}</option>
@endfor
</select>
</div>
<div>
<div>Sampai Tahun</div>
<select class=" bg-slate-100 p-2 rounded-md w-full"
name="tahun_akhir" id="">
@for ($i = $mn_t; $i < $mx_t + 1; $i++)
<option value="{{ $i }}"
{{ $th ? ($th->akhir == $i ? 'selected' : '') : ($i == $mx_t ?
'selected' : '') }}>
{{ $i }}</option>
@endfor
</select>
</div>

```

```

<div>
  <div>Alpha</div>
  <select class=" bg-slate-100 p-2 rounded-md w-full"
name="alpha" id="">
    @for ($i = 1; $i < 10; $i++)
      <option value="{{ $i / 10 }}" {{ $th ? ($th->alpha == ($i/10)
? 'selected' : "") : ($i == ($i/10) ? 'selected' : "") }} >{{ $i / 10 }}</option>
    @endfor
  </select>
</div>
<button class=" bg-blue-500 text-white font-semibold p-2 rounded-
md">Forecast</button>
</form>
<button onclick="printDiv()" class=" bg-blue-600 text-white font-
semibold rounded-md p-2">Cetak</button>
</div>
<div id="printableArea">
  @php
    $B = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct',
'Nov', 'Dec'];
    $dt = [];
    $f = [];
    $label = [];
    $lastY = 0;
    $lastM = 0;
    $lastQty = 0;
    $lastF = 0;
    $maetot = 0;
    $msetot = 0;
    $mapetot = 0;
    $mادتot = 0;

```



```

    $n = 0;
@endphp
<div class="py-2">
    <table class="w-full">
        <thead>
            <tr>
                <th class="text-left p-2 border bg-slate-100 ">Bulan</th>
                <th class="text-left p-2 border bg-slate-100 ">Penjualan Tikar
                {{ Request::get('jenis') }}
            </th>
                <th class="text-left p-2 border bg-slate-100 ">Forecast</th>
                <th class="text-left p-2 border bg-slate-100 ">MSE</th>
                <th class="text-left p-2 border bg-slate-100 ">MAPE</th>
                <th class="text-left p-2 border bg-slate-100 ">MAD</th>
            </tr>
        </thead>
        <tbody>
            @foreach ($es as $b => $e)
                @php
                    $n++;
                    $bb = explode('-', $b);
                    $lastY = $bb[0];
                    $lastM = $bb[1];
                    $bulan = $B[$bb[1]];
                    $dt[] = $e['data'];
                    $f[] = round($e['forecast'], 2);
                    $label[] = $bulan . '-' . $bb[0];
                    $lastQty = $e['data'];
                    $lastF = $e['forecast'];

```

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$maetot += $e['mae'];
$msetot += $e['mse'];
$mapetot += $e['mape'] * 100;
$mdatot += $e['mad'];
@endphp
<tr>
  <td class="border p-2 "> {{ $bulan }}-{{ $bb[0] }}</td>
  <td class="border p-2 "> {{ $e['data'] }}</td>
  <td class="border p-2 "> {{ round($e['forecast'], 2) }}</td>
  <td class="border p-2 "> {{ round($e['mse'], 2) }}</td>
  <td class="border p-2 "> {{ round($e['mape'] * 100,2)
}}</td>
  <td class="border p-2 "> {{ round($e['mad'], 2) }}</td>
</tr>
@endforeach
<tr>
  <td class="border p-2 font-semibold " colspan="3">
    Total
  </td>
  <td class="border p-2 font-semibold ">
    {{ round($msetot,2) }}
  </td>
  <td class="border p-2 font-semibold ">
    {{ round($mapetot,2) }}
  </td>
  <td class="border p-2 font-semibold ">
    {{ round($mdatot,2) }}
  </td>
</tr>
<tr>
  <td class="border p-2 font-semibold " colspan="3">

```

```

Rata-Rata
</td>
<td class="border p-2 font-semibold ">
    {{ round($msetot / $n,2) }}
</td>
<td class="border p-2 font-semibold ">
    {{ round($mapetot / $n,2) }}
</td>
<td class="border p-2 font-semibold ">
    {{ round($madtot / $n,2) }}
</td>
</tr>
</tbody>
</table>
<br>
<div class=" bg-blue-100 border border-blue-500 p-2 rounded-md
text-blue-500 flex gap-3">
    Perkiraan untuk bulan berikutnya adalah
    @php
        $nextM = $lastM + 1;
        if ($nextM > 11) {
            $nextM = 0;
            $lastY += 1;
        }
        $label[] = $B[$nextM] . '-' . $lastY;
        // echo $B[$nextM] . '-' . $lastY;
        $soo = round($lastQty + $th->alpha * ($lastF - $lastQty), 2);
        $f[] = $soo;
    @endphp
    <div class=" font-semibold"> {{ $soo }}</div>
</div>

```

```

        </div>
        <div class="w-2/3">
            <canvas id="myChart"></canvas>
        </div>
    </div>
</div>
</div>
</div>
@endsection

@section('script')
<script>
function printDiv() {
    var printContents
document.getElementById("printableArea").innerHTML;
    var originalContents = document.body.innerHTML;
    document.body.innerHTML = printContents;
    window.print();

    document.body.innerHTML = originalContents;
}
const ctx = document.getElementById('myChart');

new Chart(ctx, {
    type: 'line',
    data: {
        labels: @json($label),
        datasets: [{
            label: 'Penjualan Tikar Lipat',
            data: @json($dt),

```

```

        borderWidth: 1
      }, {
        label: 'Forecasting',
        data: @json($f),
        borderWidth: 1
      }]
    }
  });
</script>
@endsection

```

Source code Halaman User

```

@extends('layout.admin')

@section('body')
  <div class="p-5">
    <div class="p-5 bg-white rounded-md">
      <div class="flex justify-between items-center">
        <div class="py-5 font-bold text-xl">Data User</div>
        <a class="font-semibold text-white bg-blue-500 py-2 px-3 rounded-
md"
href="{{ route('users.form') }}">Add</a>
      </div>
      <div>
        <table class="w-full border-collapse">

          <thead>
            <tr>
              <th class="p-2 border bg-slate-100 text-left">User</th>
              <th class="p-2 border bg-slate-100 text-left">Email</th>
              <th class="p-2 border bg-slate-100 text-left">Tool</th>

```

```

        </tr>
    </thead>
    <tbody>
        @foreach ($users as $u)
            <tr>
                <td class="p-2 border">{{ $u->name }}</td>
                <td class="p-2 border">{{ $u->email }}</td>
                <td class="p-2 border">
                    <a                                class="text-blue-500"
href="{{ route('users.form',['id'=>$u->id]) }}">Edit</a>
                    <a                                class="text-red-500"
href="{{ route('users.delete',['id'=>$u->id]) }}">Delete</a>
                </td>
            </tr>
        @endforeach
    </tbody>
</table>
</div>
</div>
</div>
@endsection

```

Source code Halaman Cetak Laporan

```

@extends('layout.admin')

@section('body')
    <div class="p-5">
        <div class="p-5 bg-white rounded-md">
            <div class="py-5 font-bold text-xl">Forecasting Metode Single
Exponential Smoothing Tikar Lipat {{ Request::get('jenis') }} </div>
            <div class="flex justify-between items-end">

```



```

<form action="" class=" flex gap-2 items-end">
  <div class="hidden">
    <input name="jenis" value="{{ Request::get('jenis')}}" />
  </div>
  <div>
    <div>Dari Tahun</div>
    <select class=" bg-slate-100 p-2 rounded-md w-full"
name="tahun_mulai" id="">
      @for ($i = $mn_t; $i < $mx_t + 1; $i++)
        <option value="{{ $i }}"
          {{ $th ? ($th->mulai == $i ? 'selected' : '') : ($i == $mn_t ?
'selected' : '') }}>
          {{ $i }}</option>
      @endfor
    </select>
  </div>
  <div>
    <div>Sampai Tahun</div>
    <select class=" bg-slate-100 p-2 rounded-md w-full"
name="tahun_akhir" id="">
      @for ($i = $mn_t; $i < $mx_t + 1; $i++)
        <option value="{{ $i }}"
          {{ $th ? ($th->akhir == $i ? 'selected' : '') : ($i == $mx_t ?
'selected' : '') }}>
          {{ $i }}</option>
      @endfor
    </select>
  </div>
  <div>
    <div>Alpha</div>

```

```

        <select class=" bg-slate-100 p-2 rounded-md w-full"
name="alpha" id="">
            @for ($i = 1; $i < 10; $i++)
                <option value="{{ $i / 10 }}" {{ $th ? ($th->alpha == ($i/10)
? 'selected' : "") : ($i == ($i/10) ? 'selected' : "") }} >{{ $i / 10 }}</option>
            @endfor
        </select>
    </div>
    <button class=" bg-blue-500 text-white font-semibold p-2 rounded-
md">Forecast</button>
</form>
    <button onclick="printDiv()" class=" bg-blue-600 text-white font-
semibold rounded-md p-2">Cetak</button>
</div>
<div id="printableArea">
    @php
        $B = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct',
'Nov', 'Dec'];
        $dt = [];
        $f = [];
        $label = [];
        $lastY = 0;
        $lastM = 0;
        $lastQty = 0;
        $lastF = 0;
        $maetot = 0;
        $msetot = 0;
        $mapetot = 0;
        $mادتot = 0;
        $n = 0;
    @endphp

```

```

<div class="py-2">
  <table class="w-full">
    <thead>
      <tr>
        <th class="text-left p-2 border bg-slate-100 ">Bulan</th>
        <th class="text-left p-2 border bg-slate-100 ">Penjualan Tikar
        {{ Request::get('jenis') }}
      </th>
      <th class="text-left p-2 border bg-slate-100 ">Forecast</th>
      <th class="text-left p-2 border bg-slate-100 ">MSE</th>
      <th class="text-left p-2 border bg-slate-100 ">MAPE</th>
      <th class="text-left p-2 border bg-slate-100 ">MAD</th>
    </tr>
  </thead>
  <tbody>
    @foreach ($ses as $b => $e)
      @php
        $n++;
        $bb = explode('-', $b);
        $lastY = $bb[0];
        $lastM = $bb[1];
        $bulan = $B[$bb[1]];
        $dt[] = $e['data'];
        $f[] = round($e['forecast'], 2);
        $label[] = $bulan . '-' . $bb[0];
        $lastQty = $e['data'];
        $lastF = $e['forecast'];

        $maetot += $e['mae'];
        $msetot += $e['mse'];
      @endphp
    </tbody>
  </table>
</div>

```

```

$mapetot += $e['mape'] * 100;
$madtot += $e['mad'];
@endphp
<tr>
  <td class="border p-2 "> {{ $bulan }}-{{ $bb[0] }}</td>
  <td class="border p-2 "> {{ $e['data'] }}</td>
  <td class="border p-2 "> {{ round($e['forecast'], 2) }}</td>
  <td class="border p-2 "> {{ round($e['mse'], 2) }}</td>
  <td class="border p-2 "> {{ round($e['mape'] * 100,2)
}}</td>
  <td class="border p-2 "> {{ round($e['mad'], 2) }}</td>
</tr>
@endforeach
<tr>
  <td class="border p-2 font-semibold " colspan="3">
    Total
  </td>
  <td class="border p-2 font-semibold ">
    {{ round($msetot,2) }}
  </td>
  <td class="border p-2 font-semibold ">
    {{ round($mapetot,2) }}
  </td>
  <td class="border p-2 font-semibold ">
    {{ round($madtot,2) }}
  </td>
</tr>
<tr>
  <td class="border p-2 font-semibold " colspan="3">
    Rata-Rata
  </td>

```

```

<td class="border p-2 font-semibold ">
    {{ round($msetot / $n,2) }}
</td>
<td class="border p-2 font-semibold ">
    {{ round($mapetot / $n,2) }}
</td>
<td class="border p-2 font-semibold ">
    {{ round($mادتot / $n,2) }}
</td>
</tr>
</tbody>
</table>
<br>
<div class=" bg-blue-100 border border-blue-500 p-2 rounded-md
text-blue-500 flex gap-3">
    Perkiraan untuk bulan berikutnya adalah
    @php
        $nextM = $lastM + 1;
        if ($nextM > 11) {
            $nextM = 0;
            $lastY += 1;
        }
        $label[] = $B[$nextM] . '-' . $lastY;
        // echo $B[$nextM] . '-' . $lastY;
        $soo = round($lastQty + $th->alpha * ($lastF - $lastQty), 2);
        $f[] = $soo;
    @endphp
    <div class=" font-semibold"> {{ $soo }}</div>
</div>
</div>
<div class="w-2/3">

```

```

        <canvas id="myChart"></canvas>
    </div>
</div>
</div>
</div>
@endsection

@section('script')
<script>
    function printDiv() {
        var printContents
        document.getElementById("printableArea").innerHTML;
        var originalContents = document.body.innerHTML;
        document.body.innerHTML = printContents;
        window.print();
        document.body.innerHTML = originalContents;
    }
    const ctx = document.getElementById('myChart');
    new Chart(ctx, {
        type: 'line',
        data: {
            labels: @json($label),
            datasets: [{
                label: 'Penjualan Tikar Lipat',
                data: @json($dt),
                borderWidth: 1
            }, {

```



```
label: 'Forecasting',  
data: @json($f),  
borderWidth: 1  
  }  
}  
});  
</script>  
@endsection
```

