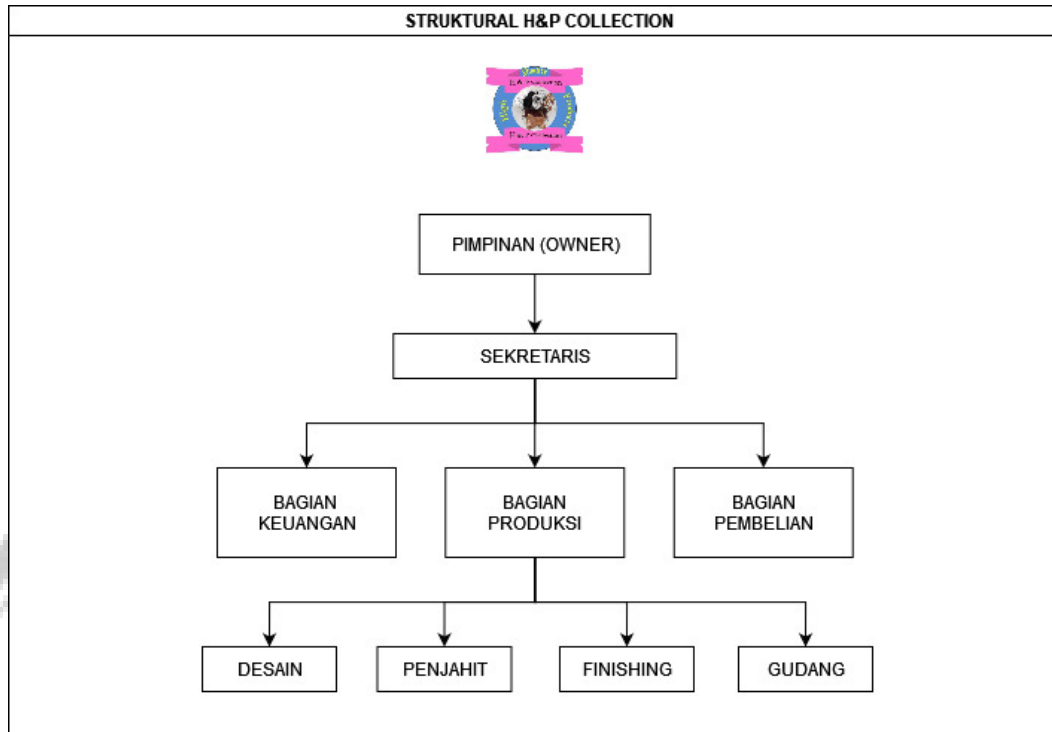


Lampiran 1 : Struktural Perusahaan



Lampiran 2 : Source Code

1. Source Code Halaman login

```
<div class="page-wrapper" id="main-wrapper" data-layout="vertical" data-navbarbg="skin6" data-sidebartype="full" data-sidebar-position="fixed" data-header-position="fixed">
  <div class="position-relative overflow-hidden text-bg-light min-vh-100 d-flex align-items-center justify-content-center">
    <div class="d-flex align-items-center justify-content-center w-100">
      <div class="row justify-content-center w-100">
        <div class="col-md-8 col-lg-6 col-xxl-3">
          <div class="card mb-0">
            <div class="card-body mt-2">
              {{--
                <a href="/index.html" class="text-nowrap logo-img text-center d-block py-3 w-100">--}}
```



```

    {{--      <p class="fs-4 mb-0 fw-bold">New to MaterialM?</p>--}}
    {{--      <a class="text-primary fw-bold ms-2" href="/authentication-
              register.html">Create an account</a>--}}
              {{--      </div>--}}
              </form>
              </div>
              </div>
              </div>
              </div>
              </div>
              </div>
              </div>
              </div>

```

2. Source Code Halaman Beranda

```

    @extends('layouts.app')

    @section('title', 'Dashboard')

    @section('content')
    <div class="col-12">
        <div class="card">
            <div class="card-body">
                <h1 class="text-center">Selamat Datang</h1>
                <p class="text-center">di Sistem Prediksi Stok Dakron</p>
            </div>
        </div>
    </div>

    @endsection

    @push('scripts')
    <script>

```

```
// You can add any JavaScript here if needed
```

```
</script>
```

```
@endpush
```

3. Source Code Halaman Periode

```
@section('content')
<div class="col-12">
  <div class="card">
    <div class="card-header">
      <div class="row justify-content-between">
        <div class="col-md-6">
          <h3 class="card-title">Data Periode</h3>
        </div>
        <div class="col-md-6 text-end">
          <button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#addData">
            <i class="ti ti-plus me-2"></i> Tambah Data
          </button>
        </div>
      </div>
    </div>
    <div class="card-body table-responsive">
      <table class="table table-striped table-bordered">
        <thead>
          <tr class="text-center">
            <th>No</th>
            <th>Periode</th>
            <th>Jumlah Produksi</th>

```

```

<th>Jumlah Dakron (kg)</th>
<th>Jumlah Dakron (ball)</th>
<th>Aksi</th>
</tr>
</thead>
<tbody>
@forelse ($data as $item)
<tr>
<td>{{ $loop->iteration }}</td>
<td>{{ Carbon\Carbon::parse($item->periode)->format('F Y') }}</td>
<td>{{ $item->total_produksi }}</td>
<td>{{ $item->jumlah_dakron_kg }}</td>
<td>{{ $item->jumlah_dakron_ball }}</td>
<td class="text-center">
<button type="button" class="btn btn-warning mx-1" data-bs-toggle="modal"
data-bs-target="#editData" data-id="{{ $item->id }}" data-periode="{{ $item-
>periode }}" data-total-produksi="{{ $item->total_produksi }}" data-jumlah-
dakron-kg="{{ $item->jumlah_dakron_kg }}" data-jumlah-dakron-ball="{{
$item->jumlah_dakron_ball }}">
<i class="ti ti-edit me-1"></i> Edit
</button>
<form action="{{ route('data.destroy', $item->id) }}" method="POST" class="d-
inline mx-1">
@csrf
@method('DELETE')
<button type="submit" class="btn btn-danger">
<i class="ti ti-trash me-1"></i> Hapus
</button>
</form>
</td>
</tr>

```

```

        @empty
        <tr>
            <td colspan="6" class="text-center">Tidak ada data periode</td>
        </tr>
    @endforelse
</tbody>
</table>
</div>
</div>
</div>

<div class="modal fade" id="addData" tabindex="-1" aria-
labelledby="addDataLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <h1 class="modal-title fs-5" id="addDataLabel">Tambah Data Periode</h1>
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-
label="Close"></button>
            </div>
            <form action="{{ route('data.store') }}" method="POST">
                @csrf
                <div class="modal-body">
                    <div class="mb-3">
                        <label for="periode" class="form-label">Periode</label>
                        <input type="month" class="form-control" id="periode" name="periode"
required>
                    </div>
                    <div class="mb-3">
                        <label for="total_produksi" class="form-label">Jumlah Stok</label>

```

```
<input type="number" class="form-control" id="total_produksi"
      name="total_produksi" required>
      </div>
      <div class="mb-3">
<label for="jumlah_dakron_kg" class="form-label">Jumlah Dakron (kg)</label>
      <input type="number" class="form-control" id="jumlah_dakron_kg"
            name="jumlah_dakron_kg" readonly>
      </div>
      <div class="mb-3">
<label for="jumlah_dakron_ball" class="form-label">Jumlah Dakron
      (ball)</label>
      <input type="number" class="form-control" id="jumlah_dakron_ball"
            name="jumlah_dakron_ball" readonly>
      </div>
      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-bs-
              dismiss="modal">Close</button>
        <button type="submit" class="btn btn-primary">Simpan</button>
      </div>
    </form>
  </div>
</div>
</div>
</div>
<div class="modal fade" id="editData" tabindex="-1" aria-
  labelledby="editDataLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h1 class="modal-title fs-5" id="editDataLabel">Edit Data Periode</h1>
```

```
<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
</div>
<form action="{{ route('data.store') }}" method="POST" id="editForm">
    @csrf
    <div class="modal-body">
        <div class="mb-3">
            <label for="periode_edit" class="form-label">Periode</label>
            <input type="month" class="form-control" id="periode_edit" name="periode"
                required>
            </div>
            <div class="mb-3">
            <label for="total_produksi_edit" class="form-label">Jumlah Stok</label>
            <input type="number" class="form-control" id="total_produksi_edit"
                name="total_produksi" required>
            </div>
            <div class="mb-3">
            <label for="jumlah_dakron_kg_edit" class="form-label">Jumlah Dakron
                (kg)</label>
            <input type="number" class="form-control" id="jumlah_dakron_kg_edit"
                name="jumlah_dakron_kg" readonly>
            </div>
            <div class="mb-3">
            <label for="jumlah_dakron_ball_edit" class="form-label">Jumlah Dakron
                (ball)</label>
            <input type="number" class="form-control" id="jumlah_dakron_ball_edit"
                name="jumlah_dakron_ball" readonly>
            </div>
            </div>
            </div>
            <div class="modal-footer">
```

```

<button type="button" class="btn btn-secondary" data-bs-
dismiss="modal">Close</button>
<button type="submit" class="btn btn-primary">Simpan</button>
</div>
</form>
</div>
</div>
</div>
@endsection

```

4. Source Code halaman perhitungan

```

@section('content')
<div class="col-12">
<div class="card">
<div class="card-header text-center">
<h3 class="card-title my-auto">Perhitungan</h3>
</div>
<div class="card-body table-responsive">
<table class="table table-striped table-bordered">
<thead>
<tr class="text-center">
<th>No</th>
<th>Total Dakron (ball)</th>
<th>X</th>
<th>X^2</th>
<th>XY</th>
</tr>
</thead>
<tbody>

```

```

@forelse ($data as $key => $item)
    <tr class="text-center">
        <td>{{ $loop->iteration }}</td>
        <td>{{ $item['y'] }}</td>
        <td>{{ $item['x'] }}</td>
        <td>{{ $item['x2'] }}</td>
        <td>{{ $item['xy'] }}</td>
    </tr>
@empty
    <tr>
        <td colspan="5" class="text-center">Tidak ada data perhitungan</td>
    </tr>
@endforelse

@if(count($data) > 0)
    <tr class="text-center">
        <td><strong>Total</strong></td>
        <td><strong>{{ $totalY }}</strong></td>
        <td><strong>{{ $totalX }}</strong></td>
        <td><strong>{{ $totalX2 }}</strong></td>
        <td><strong>{{ $totalXY }}</strong></td>
    </tr>
@endif
</tbody>
</table>
</div>
</div>
</div>

<div class="col-12 mt-3">
    <div class="card">
        <div class="card-header text-center">

```

```

<h3 class="card-title my-auto">Hasil Pengujian</h3>
    </div>
    <div class="card-body table-responsive">
    <table class="table table-striped table-bordered">
        <thead>
            <tr class="text-center">
                <th>No</th>
                <th>Total Dakron (ball) <br> (At) </th>
                <th>X</th>
                <th>Prediksi (Ft)</th>
                <th>Selisih Error (At - Ft)</th>
                <th>| error | </th>
                <th>|error / At | </th>
            </tr>
        </thead>
        <tbody>
            @forelse ($pengujian as $key => $uji)
                <tr class="text-center">
                    <td>{{ $loop->iteration }}</td>
                    <td>{{ $uji['At'] }}</td>
                    <td>{{ $uji['x'] }}</td>
                    <td>{{ number_format($uji['Ft'], 2) }}</td>
                    <td>{{ number_format($uji['error'], 2) }}</td>
                    <td>{{ number_format($uji['abs_error'], 2) }}</td>
                    <td>{{ number_format($uji['abs_error_div_y'], 3) }}</td>
                </tr>
            @empty
                <tr>
                    <td colspan="7" class="text-center">Tidak ada data pengujian</td>
                </tr>
            @endforelse

```

```

        @if(count($pengujian) > 0)
            <tr class="text-center">
                <td><strong>Total</strong></td>
                <td><strong>{{ $totalY }}</strong></td>
                <td><strong>{{ $totalX }}</strong></td>
                <td><strong>{{ number_format($totalFt, 2) }}</strong></td>
                <td><strong>{{ number_format($totalError, 2) }}</strong></td>
                <td><strong>{{ number_format($totalAbsError, 2) }}</strong></td>
                <td><strong>{{ number_format($totalAbsErrorDivY, 3) }}</strong></td>
            </tr>
            <tr class="text-center">
                <td colspan="5">
                    <strong>MAD</strong>
                </td>
                <td colspan="2">
                    <strong>{{ number_format($totalAbsError / count($pengujian), 3) }}</strong>
                </td>
            </tr>
            <tr class="text-center">
                <td colspan="5">
                    <strong>MAPE</strong>
                </td>
                <td colspan="2">
                    <strong>{{ number_format(($totalAbsErrorDivY / count($pengujian)) * 100, 2)
                    }}</strong>
                </td>
            </tr>
        @endif
    </tbody>

```

```
</table>
</div>
</div>
</div>
@endsection
```

5. Source Code halaman hasil prediksi

```
@section('content')
<div class="col-12">
  <div class="card">
    <div class="card-header text-center">
      <h3 class="card-title my-auto">Prediksi</h3>
    </div>
    <div class="card-body table-responsive">
      <table class="table table-striped table-bordered">
        <thead>
          <tr class="text-center">
            <th></th>
            <th>Nilai</th>
          </tr>
        </thead>
        <tbody>
          <tr class="text-center">
            <td>a</td>
            <td>{{ round($ab['a'], 2) }}</td>
          </tr>
          <tr class="text-center">
            <td>b</td>
            <td>{{ $ab['b'] }}</td>
```

```
        </tr>
        <tr class="text-center">
            <td>X</td>
            <td>{{ $Xnext }}</td>
        </tr>
        <tr class="text-center">
            <td>Y'</td>
            <td>{{ round($ab['a'], 2) }} + ({{ $ab['b'] }} X {{ $Xnext }})</td>
        </tr>
        <tr class="text-center">
            <td><strong>Hasil Prediksi ({{ $periodeNext }})</strong></td>
            <td><strong>{{ round($Ynext, 2) }}</strong></td>
        </tr>
    </tbody>
</table>
</div>
</div>
</div>
@endsection
```