UNGUIDED

PEMROGRAMAN WEB

MODUL II

HTML dan CSS

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PROGRAM STUDI S1 SOFTWARE ENGINEERING

FAKULTAS INFORMATIKA

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Tugas

a) Buat layout html seperti pada Gambar 1 dan terdapat 4 menu utama (Beranda, Produk, Member, Login)

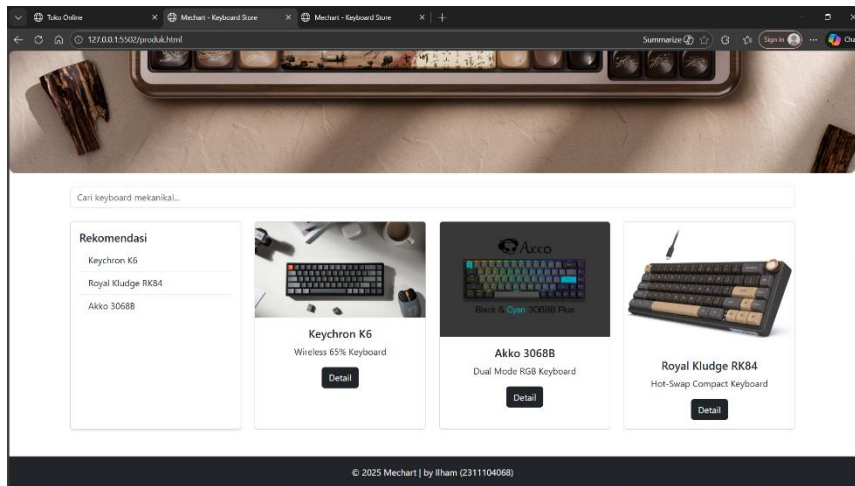| Header		
		Beranda Produk Member Login
Populer	Konten Dinamis	Iklan
Footer		

Gambar 1 Layout HTML halaman profile

b) Buat layout html untuk halaman administrator seperti pada Gambar 2 yang berisi 4 menu (Data User, Kelola Produk, Edit Password, Logout)

Header	
Menu: Data User Kelola Produk Edit Password Logout	Konten Dinamis
Footer	

Gambar 2 Layout HTML halaman administrator

1. SOAL

A. Layout 1

Source Code

```html
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Mechart - Keyboard Store</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
  <link rel="stylesheet" href="style.css">
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap" rel="stylesheet">
</head>
<body>
  <header class="bg-dark text-white py-3">
    <div class="container d-flex justify-content-between align-items-center">
      <div class="logo d-flex align-items-center">
        <img src="images/logo/logo.png" alt="Logo Mechart" class="mechart-logo" style="height: 40px;">
      </div>
```

```html
    <nav>
      <a href="index.html" class="text-white mx-2">Beranda</a>
      <a href="#" class="text-white mx-2">Produk</a>
      <a href="#" class="text-white mx-2">Login</a>
    </nav>
  </div>
 </header>

 <div id="bannerCarousel" class="carousel slide" data-bs-
ride="carousel">
   <div class="carousel-inner">
    <div class="carousel-item active">
     <img src="images/slider/2.jpg" class="d-block w-100 banner-img"
alt="Keyboard Banner">
    </div>
    <div class="carousel-item">
     <img src="images/slider/1.jpg" class="d-block w-100 banner-img"
alt="Keyboard Banner 2">
    </div>
   </div>
 </div>

 <div class="container my-4">
  <div class="row mb-4">
    <div class="col">
     <input type="text" id="searchInput" class="form-control"
placeholder="Cari keyboard mekanikal...">
    </div>
  </div>

  <div class="row">
    <div class="col-md-3 mb-4">
     <div class="card h-100 shadow-sm">
      <div class="card-body">
```

```html
      <h5 class="card-title">Rekomendasi</h5>
      <ul class="list-group list-group-flush rekomendasi-list">
        <li class="list-group-item">Keychron K6</li>
        <li class="list-group-item">Royal Kludge RK84</li>
        <li class="list-group-item">Akko 3068B</li>
      </ul>
    </div>
  </div>
</div>

<div class="col-md-9">
  <div class="row" id="productGrid">
    <div class="col-md-4 mb-4 product-card" data-name="Keychron K6">
      <div class="card h-100">
        <img src="images/image/1.jpg" class="card-img-top" alt="Keychron K6">
        <div class="card-body text-center">
          <h5 class="card-title">Keychron K6</h5>
          <p class="card-text">Wireless 65% Keyboard</p>
          <a href="detail.html" class="btn btn-dark">Detail</a>
        </div>
      </div>
    </div>

    <div class="col-md-4 mb-4 product-card" data-name="Akko 3068B">
      <div class="card h-100">
        <img src="images/image/2.jpg" class="card-img-top" alt="Akko 3068B">
        <div class="card-body text-center">
          <h5 class="card-title">Akko 3068B</h5>
          <p class="card-text">Dual Mode RGB Keyboard</p>
          <a href="detail.html" class="btn btn-dark">Detail</a>
```

```html
        </div>
      </div>
    </div>


    <div class="col-md-4 mb-4 product-card" data-name="Royal
Kludge RK84">
        <div class="card h-100">
          <img src="images/image/3.jpg" class="card-img-top"
alt="RK84">
          <div class="card-body text-center">
            <h5 class="card-title">Royal Kludge RK84</h5>
            <p class="card-text">Hot-Swap Compact Keyboard</p>
            <a href="detail.html" class="btn btn-dark">Detail</a>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>


<footer class="text-center py-3 bg-dark text-white mt-4">
  © 2025 Mechart | by Ilham (2311104068)
</footer>


<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.
min.js"></script>
<script>
  $('#searchInput').on('keyup', function() {
    var value = $(this).val().toLowerCase();
    $('.product-card').filter(function() {
```
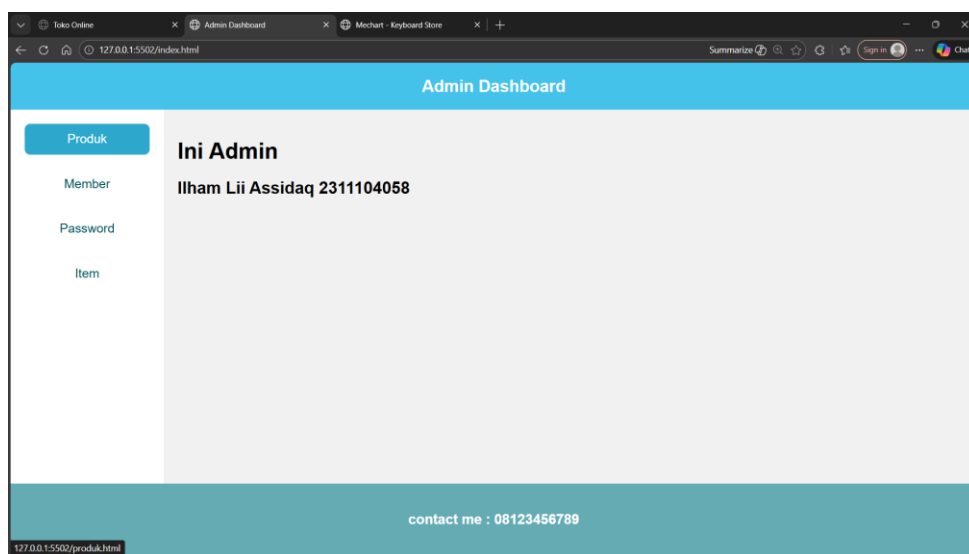
```
        $(this).toggle($(this).attr('data-name').toLowerCase().indexOf(value)
> -1)
        });
      });
    </script>
  </body>
</html>
```

B. Layout 2

Source Code

```
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Admin Dashboard</title>
  <style>
    body {
      margin: 0;
      font-family: Arial, sans-serif;
      display: flex;
```

```css
  flex-direction: column;
  height: 100vh;
  background-color: #dcdcdc;
}

header {
  background-color: #44c2e9;
  text-align: center;
  padding: 20px;
  font-size: 24px;
  font-weight: bold;
  color: white;
}

main {
  flex: 90;
  display: flex;
}

nav {
  background-color: #ffffff;
  width: 220px;
  padding: 20px;
  box-sizing: border-box;
  display: flex;
  flex-direction: column;
  gap: 20px;
}

nav a {
  display: block;
  text-decoration: none;
}
```

```css
    nav button {
      width: 100%;
      padding: 12px;
      font-size: 18px;
      border: none;
      background-color: #ffffff;
      color: rgb(0, 83, 88);
      border-radius: 8px;
      cursor: pointer;
      transition: 0.2s;
    }

    nav button:hover {
      background-color: #2da8cc;
      color: white;
    }

    section {
      flex: 1;
      background-color: #f1f1f1;
      padding: 20px;
      box-sizing: border-box;
    }

    footer {
      background-color: #65abb4;
      text-align: center;
      padding: 20px;
      font-size: 20px;
      font-weight: bold;
      color: white;
    }
  </style>
</head>
```

```html
<body>
  <header>Admin Dashboard</header>

  <main>
   <nav>
    <a href="produk.html">
      <button>Produk</button></a>
    <a href="member.html">
      <button>Member</button></a>
    <a href="password.html">
      <button>Password</button></a>
    <a href="Item.html">
      <button>Item</button></a>
   </nav>

   <section>
    <h1>Ini Admin</h1>
    <h2>Ilham Lii Assidaq 2311104058</h2>

   </section>
  </main>

  <footer>
   <p>contact me : 08123456789</p>
</footer>
</body>
</html>
```

Penjelasan

Layout 1 menggunakan susunan elemen HTML berupa header sebagai bagian atas halaman, navigation/menu untuk akses halaman, area konten utama yang dibagi menjadi sidebar dan konten tengah, serta footer di bagian bawah. Pengaturan tata letak dilakukan menggunakan konsep grid dan kolom sehingga tampilan terlihat rapi dan terstruktur. Layout 2

menerapkan konsep layout dashboard dengan struktur header di atas, sidebar navigasi di sisi kiri, area content di bagian tengah, dan footer di bawah, yang seluruhnya diatur menggunakan CSS Flexbox. Dengan penerapan HTML sebagai pembentuk struktur dan CSS sebagai pengatur tampilan serta posisi elemen, kedua layout menunjukkan pemahaman dasar dalam merancang struktur halaman web yang sistematis dan mudah digunakan.