# PEMROGRAMAN WEB



**Untuk Memenuhi Project UAS**

**Mata Kuliah Pemrograman Web 1**

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**PRODI DIV TEKNIK INFORMATIKA**

**POLITEKNIK HARAPAN BERSAMA**

**TEGAL**

**2021**

**KATA PENGANTAR**

Puji syukur penulis panjatkan kehadirat Tuhan Yang Maha Esa yang telah berkenan memberi petunjuk dan kesabaran kepada penulis sehingga makalah **"Pemrograman Web"** ini dapat diselesaikan dengan baik. Makalah ini disusun dan dibuat berdasarkan materi-materi yang ada yang bertujuan agar dapat menambah pengetahuan dan wawasan mahasiswa dalam belajar serta agar mahasiswa juga dapat memahami nilai-nilai dasar yang dikembangkan dalam berpikir dan bertindak. Mudah-mudahan dengan mempelajari makalah ini, para mahasiswa akan mampu menghadapi masalah-masalah atau kesulitan-kesulitan yang timbul dalam belajar Dan dengan harapan semoga mahasiswa mampu berinovasi dan berkreasi dengan potensi yang dimiliki. Kami menyadari bahwa dalam pembuatan Makalah Teknologi Informasi ini masih ada kekurangan sehingga penulis berharap saran dan kritik dari pembaca sekalian agar penulis dapat meningkatkan dan memperbaiki penyajian makalah yang lebih baik dari sebelumnya. Akhir kata penulis ucapkan terima kasih.

Tegal, 12 Januari 2021

**PENJELASAN**

Website merupakan platform yang didalamnya berisi banyak informasi, website menghubungkan banyak sekali mesin computer sehingga dapat bertukar data dan informasi. Salah satu yang dapat kita manfaatkan dari website ialah e-commerce. Tidak dapat dipungkiri semakin canggihnya teknologi mendorong manusia pada peradaban era modern, sekarang aktivitas jual beli dilakukan secara daring tanpa harus bertatap muka.

Fa-Shop merupakan salah satu website e-commerce yang menyediakan berbagai keperluan fashion bagi pria maupun wanita. Selain fitur online shop Fa-Shop juga menyediakan fitur blog untuk para user yang tertarik pada dunia fashion.

Dari segi teknis website ini terdiri dari beberapa bagian berdasarkan tata letaknya, antara lain : header, banner, sidebar, main, aside, dan footer. Masing-masing elemen mempunyai fungsinya sendiri.

**HEADER**

Header berisi icon fa-shop, menu navigasi antara lain shop, pages, blog, contact, cart serta login.

<header id="header">

        <div class="head-left">

            <h2 onclick=document.location.href='index.html' id="sitename"><i class="fas fa-shopping-cart"></i>&nbsp;Fa-SHop</h2>

            <ul>

                <li><a id="shopMenu">Shop&nbsp;&nbsp;<i class="fas fa-caret-down"></i></a></li>

                <li><a href="about.html">Pages&nbsp;&nbsp;<i class="fas fa-caret-down"></i></a></li>

                <li><a href="blog.html">Blog</a></li>

                <li><a href="contact.html">Contact</a></li>

            </ul>

        </div>

        <div class="head-right" id="head-right">

            <ul id="link-right">

                <li onclick="document.location.href='checkout.html'"><a href="#"><i class="fas fa-shopping-cart"></i><span> Cart</span></a></li>

                <li id="login-toggle"><a href="#"><i class="fas fa-user"></i><span> login</span></a></li>

            </ul>

            <div class="menu" id="menu"><i class="fas fa-bars"></i></div>

        </div>

    </header>

**STYLE HEADER**

/\*header\*/

header{

    width: 100%;

    height: 100px;

    background-color: #fff;

    font-family: cremona;

    position: relative;

    box-shadow: 0 .2px 6px #ddd;

    position: fixed;

    z-index: 999;

}

.head-left h2{

    display: inline-block;

    line-height: 100px;

    cursor: pointer;

    width: 150px;

    padding-left: 100px;

    padding-right: 30px;

}

.head-left ul{

    height: 50px;

    display: inline-block;

}

.head-left ul li{

    display: inline-block;

    height: 50px;

    line-height: 50px;

    padding: 0 10px;

    cursor: pointer;

}

.head-left ul li a{

    text-decoration: none;

    color: #707070;

}

.head-left ul li a:hover{

    color: #343434;

}

.head-right{

    position: absolute;

    right: 100px;

    top: 0;

    height: 100%;

}

.head-right a{

    text-decoration: none;

    color: #707070;

}

.head-right ul li:first-child{

    border-left: 1px solid #ddd;

}

.head-right ul li{

    display: inline-block;

    padding: 0 20px;

    height: 100px;

    border-right: 1px solid #ddd;

}

.head-right ul{

    line-height: 100px;

}

.head-right ul li:first-child{

    position: relative;

    left: 5px;

}

.head-right ul li:hover{

    color: #343434;

    cursor: pointer;

    background-color: #fffded;

}

.head-right ul li span{

    visibility: hidden;

    font-size: 0px;

}

@keyframes fadeInText{

    from{

        font-size: 0px;

        visibility: hidden;

    }

    to{

        font-size: 16px;

        visibility: visible;

    }

}

@keyframes fadeOutText{

    from{

        font-size: 16px;

        visibility: visible;

    }

    to{

        font-size: 0px;

        visibility: hidden;

    }

}

#menu{

    line-height: 100px;

    font-style: italic;

    display: none;

}

#menu .fas{

    padding: 3px;

    cursor: pointer;

}

/\*end-header\*/

**BANNER**

Banner adalah elemen yang menampilkan informasi utama mengenai website antara lain yaitu slogan, welcome text dan main button.

<div id="banner">

        <div>

            <div class="wrapper">

                <div>

                    <center><h1 style="margin-bottom: 10px;">SHOP TILL YOU DIE</h1></center>

                    <p>Currently FA-SHOP is the best online shopping site in the world after Shopee and Tokopedia.

                         Let's support us by continuing enjoy our service and sending comments and suggestions.</p>

                    <div>

                        <div id="mainButton1"><a href="blog.html" style="color: #ddd; text-decoration: none;">VIEW BLOG</a></div>

                        <div id="mainButton2"><a href="#list-product" style="color: #ddd; text-decoration: none;">VIEW COLLECTIONS</a></div>

                    </div>

                </div>

            </div>

        </div>

    </div>

**STYLE BANNER**

#banner{

    height: 100%;

    background-color: #201335;

    background-image: url('../img/banner.jpg');

    background-size: cover;

    background-position: center;

}

#banner > div h1{

    font-family: "Constantia";

    font-size: 40px;

    line-height: 50px;

}

#banner > div{

    height: 100%;

    padding: 0 20%;

    padding-top: 100px;

    background-color: rgba(0,0,0,.7);

}

#categories-img{

    display: flex;

}

.wrapper{

    height: 80%;

    display: flex;

    justify-content: center;

    align-items: center;

    line-height: 25px;

}

.wrapper > div{

    text-align: center;

    color: rgb(225,225,255);

}

.wrapper > div > div{

    display: flex;

    justify-content: center;

}

#mainButton1, #mainButton2{

    border: 1px solid #4f4789;

    width: auto;

    padding: 10px;

    display: inline-block;

    text-align: center;

    margin: 10px;

}

#mainButton2{

    background-color: #4f4789;

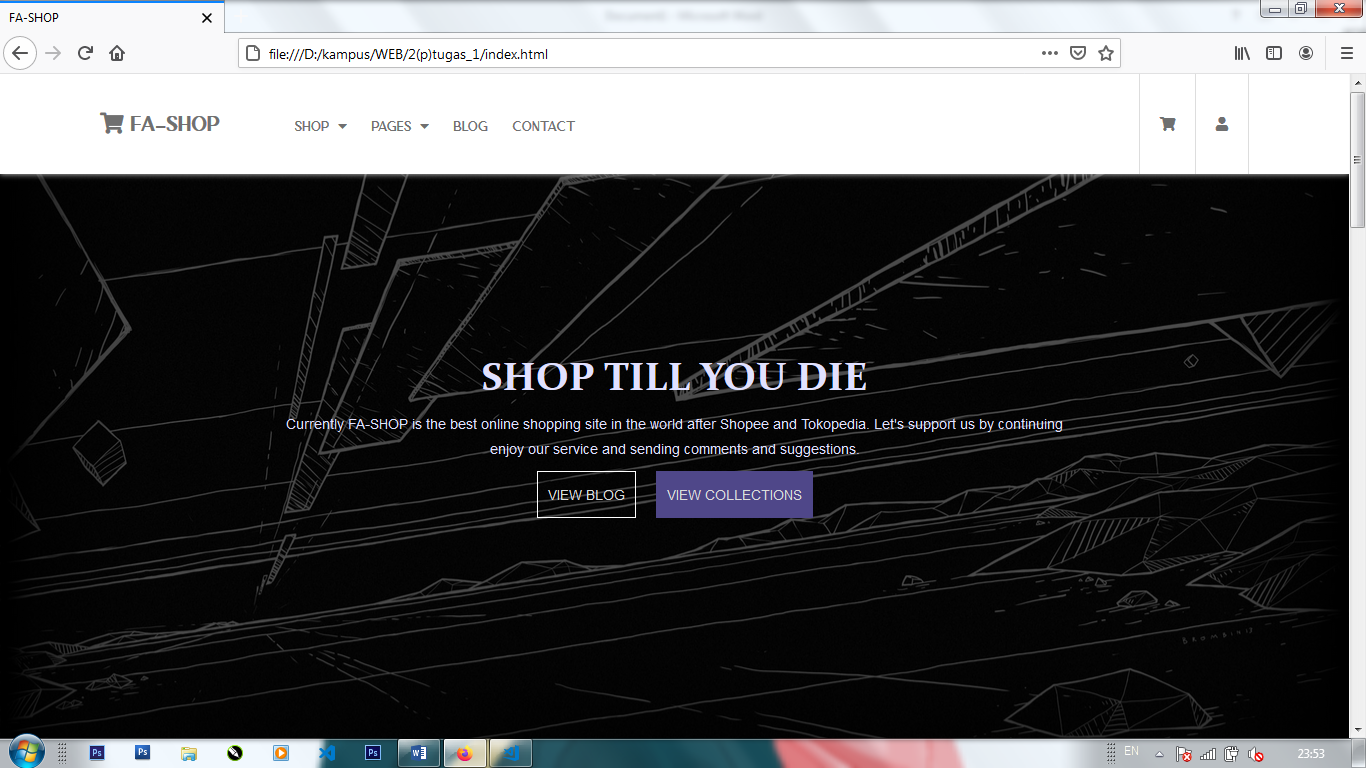
}

#mainButton1{

    border: 1px solid #fff;

}

**INTERFACE HEADER & BANNER**



**SIDEBAR**

Sidebar bisa berisi menu navigasi atau informasi-informasi lain mengenai website dan juga dapat berisi link alternative.

<div class="sidebar" id="sidebar">

        <div id="sidebar-head">

            <h2 onclick=document.location.href='index.html' id="sitename"><i class="fas fa-shopping-cart"></i>&nbsp;Fa-SHop</h2>

            <span id="close-sidebar"><i class="fas fa-times"></i></span>

        </div>

        <div id="sidebar-body">

            <ul>

                <li><a href="index.html">Home</a></li>

                <li><a href="blog.html">Blog</a></li>

                <li><a href="contact.html">Contact</a></li>

                <li><a href="#" id="login-toggle">Login</a></li>

            </ul>

        </div>

    </div>

**STYLE SIDEBAR**

.sidebar{

    position: fixed;

    z-index: 999;

    box-shadow: 3px 2px 10px #000;

    top: 0;

    bottom: 0;

    background-color: #fff;

    width: 250px;

    left: 0;

    display: none;

}

#sidebar-head{

    padding: 15px 20px;

    margin-bottom: 20px;

}

#sidebar-body ul li{

    margin: 10px 20px;

    padding: 3px 0;

    list-style-type: none;

    border-bottom: 1px solid #ddd;

    cursor: pointer;

    padding: 10px 0;

}

#sidebar-body ul li a{

    color: #707070;

    text-decoration: none;

}

#sidebar-head h2{

    display: inline-block;

    font-family: 'cremona';

}

#close-sidebar{

    cursor: pointer;

    font-size: 15px;

    float: right;

    display: inline-block;

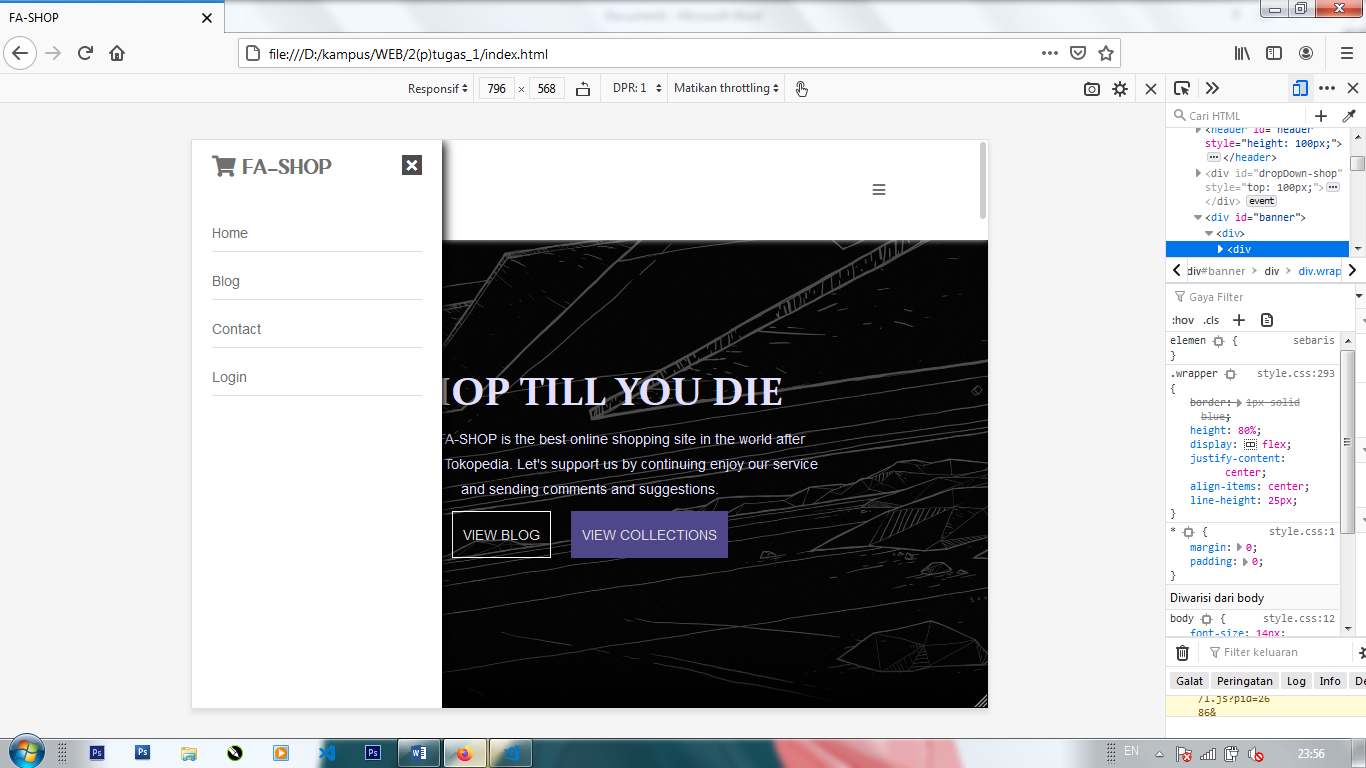
    padding: 1px 5px;

    background-color: rgba(0,0,0,.7);

    color: #fff;

}

**INTERFACE SIDEBAR**



**FOOTER**

Footer adalah bagian paling akhir pada website, biasanya berisi informasi website, nama ,contact, about, link alternative dan lain-lain.

<footer class="footer-distributed">

        <div class="footer-left">

            <h3>Fa-SHOP</h3>

            <p class="footer-links">

                <a href="<?=base\_url('home')?>">SHOP</a>

                ·

                <a href="<?=base\_url('home/faq')?>">BLOG</a>

                ·

                <a href="<?=base\_url('home/disclaimer')?>">CONTACT</a>

                ·

                <a href="#" id="login-toggle-alt">LOGIN</a>

            </p>

            <p class="footer-company-name flow-text">Copyright &copy; 2020 | fa-shop.com</p>

        </div>

        <div class="footer-center">

            <div>

                <i class="fas fa-fw fa-map-marker"></i>

                <p>Tegal, Jawa Tengah, Indonesia</p>

            </div>

            <div>

                <i class="fas fa-phone"></i>

                <p>+6289-8667-6180</p>

            </div>

            <div>

                <i class="fas fa-envelope"></i>

                <p><a href="mailto:galih11120@gmail.com">Send Email</a></p>

            </div>

        </div>

        <div class="footer-right">

            <p class="footer-company-about">

                <span>About Us</span>

                    Currently FA-SHOP is the best online shopping site in the world after Shopee and Tokopedia.

                    Let's support us by continuing enjoy our service and sending comments and suggestions.

            </p>

            <div class="footer-icons">

                <a href="#"><img src="assets/icon/facebook-f-brands.svg" style="width: 10px;filter: invert(1);"></a>

                <a href="#"><img src="assets/icon/instagram-brands.svg" style="width: 15px;filter: invert(1);"></a>

                <a href="#"><img src="assets/icon/twitter-brands.svg" style="width: 15px;filter: invert(1);"></i></a>

                <a href="#"><img src="assets/icon/tiktok-brands.svg" style="width: 15px;filter: invert(1);"></i></a>

            </div>

        </div>

    </footer>

**STYLE FOOTER**

.footer-distributed{

background-color: #292c2f;

box-shadow: 0 1px 1px 0 rgba(0, 0, 0, 0.12);

box-sizing: border-box;

width: 100%;

text-align: left;

padding: 55px 50px;

}

.footer-distributed .footer-left,

.footer-distributed .footer-center,

.footer-distributed .footer-right{

display: inline-block;

vertical-align: top;

}

/\* Footer left \*/

.footer-distributed .footer-left{

width: 40%;

}

/\* The company logo \*/

.footer-distributed h3{

color: #fff;

font: normal 3vw 'cremona', cursive;

margin: 0;

}

.footer-distributed h3 span{

color: #5383d3;

}

/\* Footer links \*/

.footer-distributed .footer-links{

color: #ffffff;

margin: 20px 0 12px;

padding: 0;

}

.footer-distributed .footer-links a{

display:inline-block;

line-height: 1.8;

text-decoration: none;

color: inherit;

}

.footer-distributed .footer-company-name{

color: #8f9296;

font-size: 14px;

font-weight: normal;

margin: 0;

}

/\* Footer Center \*/

.footer-distributed .footer-center{

width: 35%;

}

.footer-distributed .footer-center i{

color: #ffffff;

font-size: 15px;

border-radius: 50%;

text-align: center;

line-height: 42px;

margin: 10px 15px;

vertical-align: middle;

}

.footer-distributed .footer-center i.fa-envelope{

font-size: 17px;

line-height: 38px;

}

.footer-distributed .footer-center p{

display: inline-block;

color: #ffffff;

vertical-align: middle;

margin:0;

}

.footer-distributed .footer-center p span{

display:block;

font-weight: normal;

font-size:14px;

line-height:2;

}

.footer-distributed .footer-center p a{

color: #5383d3;

text-decoration: none;;

}

/\* Footer Right \*/

.footer-distributed .footer-right{

width: 20%;

}

.footer-distributed .footer-company-about{

line-height: 20px;

color: #92999f;

font-size: 13px;

font-weight: normal;

margin: 0;

}

.footer-distributed .footer-company-about span{

display: block;

color: #ffffff;

font-size: 14px;

font-weight: bold;

margin-bottom: 20px;

}

.footer-distributed .footer-icons{

margin-top: 25px;

}

.footer-distributed .footer-icons a{

display: inline-block;

width: 35px;

height: 35px;

cursor: pointer;

background-color: #33383b;

border-radius: 2px;

font-size: 20px;

color: #ffffff;

text-align: center;

line-height: 35px;

margin-right: 3px;

margin-bottom: 5px;

}

@media (max-width: 880px) {

.footer-distributed{

font: bold 14px sans-serif;

}

.footer-distributed .footer-left,

.footer-distributed .footer-center,

.footer-distributed .footer-right{

display: block;

width: 100%;

margin-bottom: 40px;

text-align: center;

}

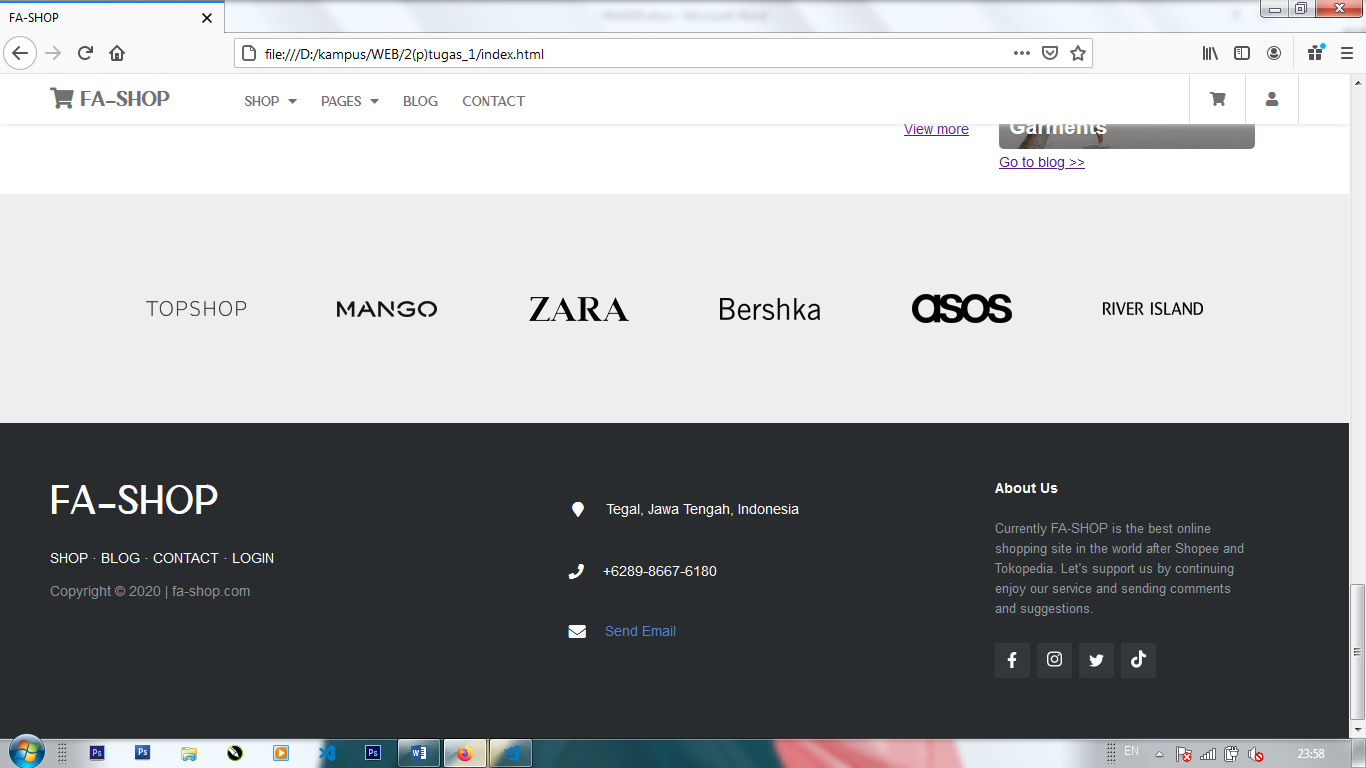
.footer-distributed .footer-center i{

margin-left: 0;

}

}

**INTERFACE FOOTER**



**LIST PRODUCTS**

Menampilkan produk-produk yang dijual pada website

<section>

                <div class="product">

                    <img src="assets/img/products/product-1.png">

                    <div class="desc">

                        <span class="brand-name">ZARA</span>

                        <h4><u><a href="detail-product.html">Seven Peaks Mens Jacket & Handsome Men</a></u></h4>

                        <span class="price"><i>Rp.170.000,00</i></span>

                        <div class="button-buy">ADD TO CART</div>

                    </div>

                </div>

                <div class="product">

                    <img src="assets/img/products/product-2.png">

                    <div class="desc">

                        <span class="brand-name">RIVER ISLAND</span>

                        <h4><u><a href="detail-product.html">Thatcher Oxford Shirt With The Smilling Father</a></u></h4>

                        <span class="price"><i>Rp.249.900,00</i></span>

                        <div class="button-buy">ADD TO CART</div>

                    </div>

                </div>

                <div class="product">

                    <img src="assets/img/products/product-3.png">

                    <div class="desc">

                        <span class="brand-name">MANGO</span>

                        <h4><u><a href="detail-product.html">Double Breasted Coat In Navy Wool & Cashmere Blend by</a></u></h4>

                        <span class="price"><i>Rp.165.000,00</i></span>

                        <div class="button-buy">ADD TO CART</div>

                    </div>

                </div>

                <div class="product">

                    <img src="assets/img/products/product-4.jpg">

                    <div class="desc">

                        <span class="brand-name">MANGO</span>

                        <h4><u><a href="detail-product.html">Women's Notched Lapel Double Breasted Long Trench</a></u></h4>

                        <span class="price"><i>Rp.369.900,00</i></span>

                        <div class="button-buy">ADD TO CART</div>

                    </div>

                </div>

**</section>**

**STYLE LIST PRODUCTS**

section{

    display: flex;

    flex-direction: row;

}

section .product{

    padding: 10px;

    width: 25%;

    flex: 1;

}

.brand-name{

    color: #707070;

    font-weight: bold;

}

section .product img{

    width: 100%;

    border: 2px solid #fff;

}

span.price{

    display: block;

    margin-bottom: 20px;

}

.product div.button-buy{

    height: 40px;

    background-color: #4f4789;

    margin: auto;

    color: #fff;

    line-height: 40px;

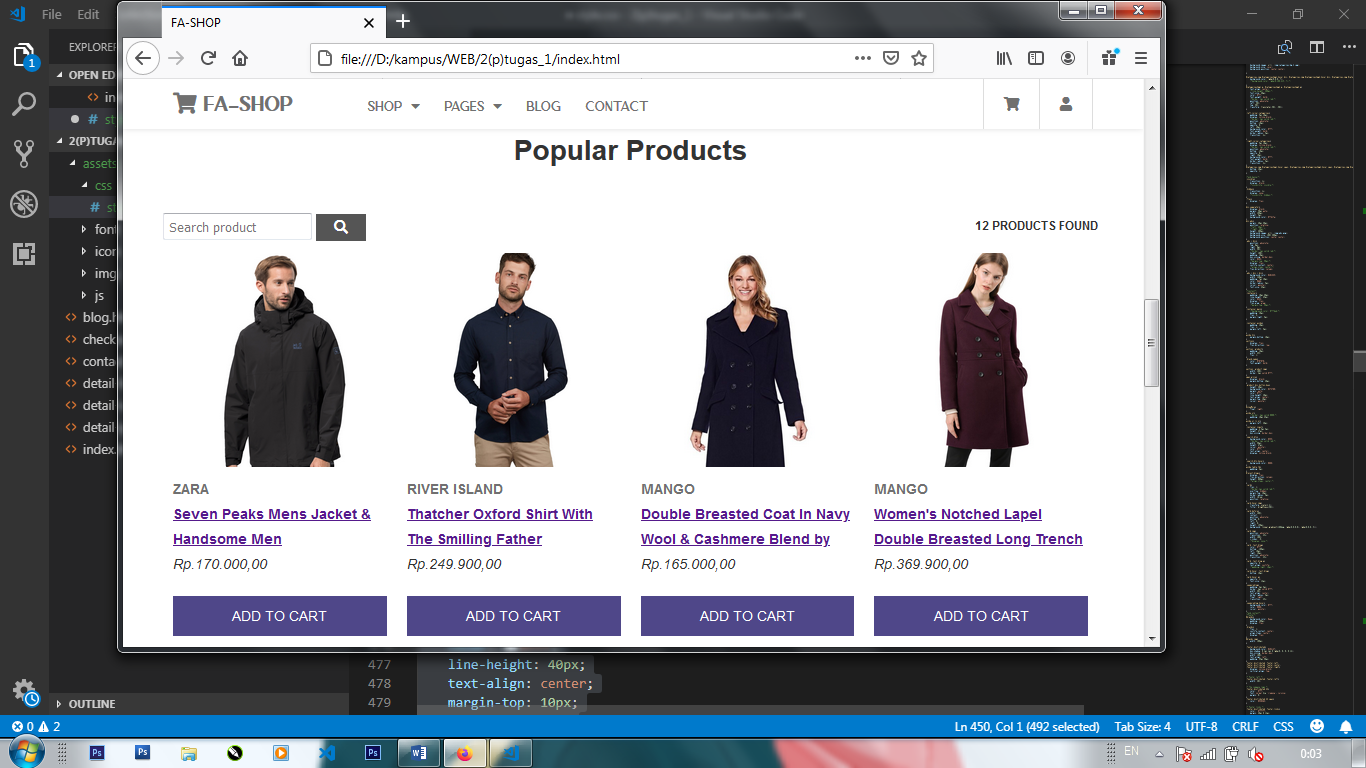
    text-align: center;

    margin-top: 10px;

    cursor: pointer;

}

**INTERFACE LIST PRODUCTS**



**CONTACT PAGE**

Menampilkan informasi kontak website

<div class="container" id="detail-contact">

    <main>

        <div class="gmap">

            <div class="mapouter"><div class="gmap\_canvas"><iframe width="1060" height="500" id="gmap\_canvas" src="https://maps.google.com/maps?q=pangkah&t=&z=15&ie=UTF8&iwloc=&output=embed" frameborder="0" scrolling="no" marginheight="0" marginwidth="0"></iframe><a href="https://putlocker-is.org">the a team putlockers</a></div><style>.mapouter{position:relative;text-align:right;height:500px;width:860px;}.gmap\_canvas {overflow:hidden;background:none!important;height:500px;width:860px;}</style></div>

        </div>

    </main>

    <aside>

        <h1>How to Find Us</h1>

        <p>Anda bisa menemukan kami jika anda naik sepeda motor lewat jalan 1 ke utara terus sampai kantor pos besar Tegal, lalu belok kiri ..kemudian ada pertigaan belok kiri lagi.. kemudian ada pertigaan lagi belok kanan boleh belok kiri boleh, kalau belok kanan ke barat terus nanti pesen gojek ke alamat kami begitu juga kalau belok kiri..</p>

        <span><b>ADDRESS</b> Tegal OKEOKEOKE</span>

        <span><b>PHONE</b> +68 986 676 180</span>

        <span>galih11120@gmail.com</span>

    </aside>

</div>

**STYLE CONTACT**

#contact{

            padding: 110px 80px 0 80px;

        }

        aside span{

            display: block;

        }

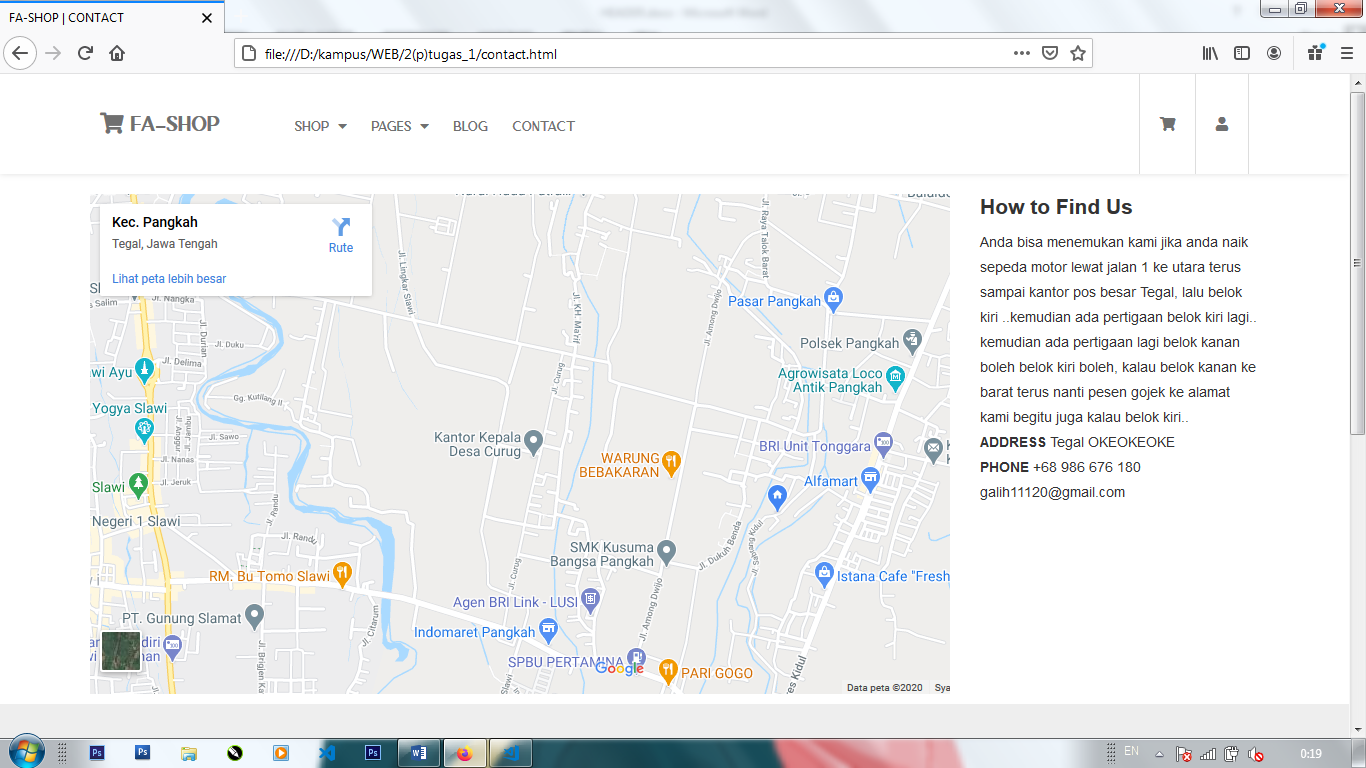
        .gmap{

            width: 100%;

            overflow: hidden;

        }

**INTERFACE CONTACT PAGE**



**CHECKOUT PAGE**

Menampilkan detail pemesanan, harga dan transaksi pembayaran

<div id="checkout">

        <div class="form-left">

            <h2>Billing Address</h2>

            <form>

                <ul>

                    <li>

                        <label for="fname">First name\*</label>

                        <input type="text" name="fname" id="fname">

                    </li>

                    <li>

                        <label for="lname">Last name\*</label>

                        <input type="text" name="lname" id="lname">

                    </li>

                    <li>

                        <label for="company">Company name (optional)</label>

                        <input type="text" name="company" id="company">

                    </li>

                    <li>

                        <label for="address">Address\*</label>

                        <input type="text" name="address" id="address">

                    </li>

                    <li>

                        <label for="phone">Phone no\*</label>

                        <input type="text" name="phone" id="phone">

                    </li>

                    <li>

                        <label for="email">Email address\*</label>

                        <input type="text" name="email" id="email">

                    </li>

                </ul>

            </form>

        </div>

        <div class="form-right">

            <h2>Your order</h2>

            <table cellpadding="10" cellspacing="0" border="0">

                <tr>

                    <td>PRODUCT</td>

                    <td align="right">TOTAL</td>

                </tr>

                <tr>

                    <td>JASND NIPPON</td>

                    <td align="right">$89.00</td>

                </tr>

                <tr>

                    <td>SUBTOTAL</td>

                    <td align="right">$89.00</td>

                </tr>

                <tr>

                    <td>TOTAL</td>

                    <td align="right">$89.00</td>

                </tr>

            </table>

            <h3>Payment method</h3>

            <ul>

                <li><input type="radio" name="payment">PAYPAL</li>

                <li><input type="radio" name="payment">DANA</li>

                <li><input type="radio" name="payment">CASH ON DELIEVERY</li>

                <li><input type="radio" name="payment">CREDIT CARD</li>

            </ul>

            <div class="btnorder">ORDER NOW</div>

            <div id="viewMore"></div>

        </div>

    </div>

**STYLE CHECKOUT**

#checkout{

            padding: 120px 100px 20px 100px;

            display: flex;

        }

        #checkout h2, h3{

            margin: 20px 0;

        }

        #checkout .form-left label{

            font-size: 15px;

        }

        #checkout .form-left input{

            display: block;

            padding: 10px 10px;

            transition: .04s;

            margin: 10px 0;

            font-size: 15px;

            box-sizing: border-box;

            width: 100%;

        }

        #checkout .form-left li{

            list-style: none;

        }

        #checkout .form-left li:first-child{

            display: inline-block;

            width: 49%;

        }

        #checkout .form-left li:nth-child(2){

            display: inline-block;

            /\*margin-left: 20px;\*/

            width: 50%;

        }

        #checkout .form-left input:focus{

            border: 2px solid lightblue;

        }

        #checkout .form-left{

            flex: 2;

            /\*border: 1px solid red;\*/

            padding: 0 20px;

        }

        #checkout .form-right{

            flex: 1;

            box-shadow: 0px 0px 3px 0px #ddd;

            padding: 0 20px;

        }

        #checkout .form-right table{

            width: 100%;

        }

        #checkout .form-right table td{

            height: 50px;

            border-bottom: 1px solid #707070;

        }

        #checkout .form-right input{

            margin-right: 10px;

        }

        #checkout .form-right ul li{

            list-style: none;

            margin-top: 20px;

            font-size: 15px;

            font-weight: bold;

        }

        .btnorder{

            padding: 0 10px;

            height: 40px;

            cursor: pointer;

            text-align: center;

            line-height: 40px;

            font-weight: bold;

            color: #ddd;

            background-color: #4f4789;

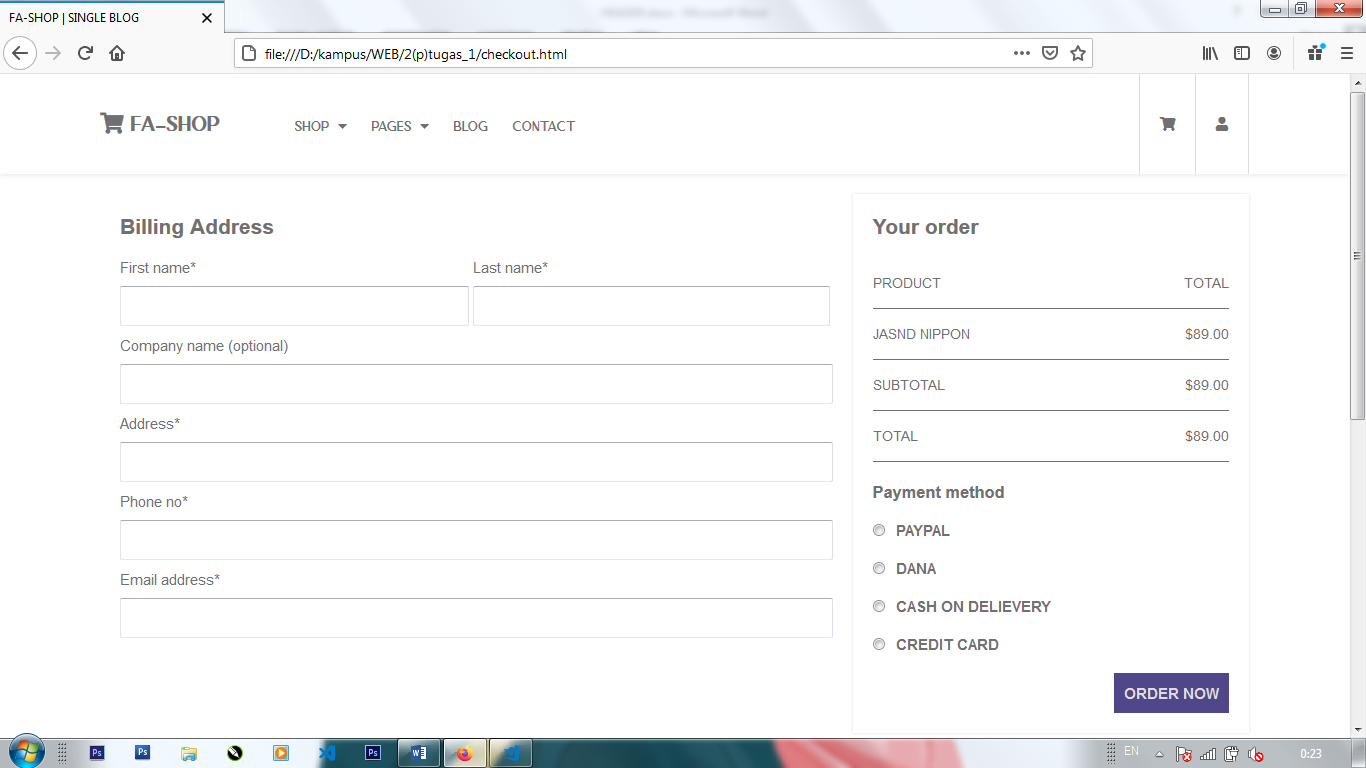
            font-size: 15px;

            margin: 20px 0;

            float: right;

        }

**INTERFACE CHECKOUT PAGE**



**Javascript**

Toggle sidebar

var menu = document.getElementById("menu");

var sidebar = document.getElementById("sidebar");

var closeSidebar = document.getElementById("close-sidebar");

document.querySelector('#menu .fas').addEventListener('click', function(){

    sidebar.classList.toggle('visible');

});

document.onclick = function(e){

    if(e.target == sidebar){

        sidebar.classList.add('visible');

    }else if(e.target !== document.querySelector('#menu .fas')){

        sidebar.classList.remove('visible');

    }

}

closeSidebar.addEventListener('click', function(e){

    sidebar.classList.remove('visible');

});

View more button toggle

var viewMore = document.getElementById("viewMore");

var section = document.querySelector("section#sectionHide");

viewMore.addEventListener('click', function(e){

    if(section.classList.contains("flex")){

        this.innerHTML = "View more";

    }else{

        this.innerHTML = "View less";

    }

    e.preventDefault();

    section.classList.toggle('flex');

});

Login button toggle

var loginToggle = document.getElementById("login-toggle");

var loginToggleAlt = document.getElementById("login-toggle-alt");

var containerModal = document.getElementById("containerModal");

var closeModalButton = document.getElementById("closeModalButton");

closeModalButton.addEventListener('click', function(){

    containerModal.style.display = 'none';

});

loginToggleAlt.addEventListener('click', function(e){

    e.preventDefault();

    containerModal.style.display = 'block';

});

loginToggle.addEventListener('click', function(e){

    e.preventDefault();

    containerModal.style.display = 'block';

    sidebar.classList.add('hidden');

});

Onmouseenter animation

var linkRight = document.getElementById("link-right");

linkRight.children[0].onmouseenter = function() {

    linkRight.children[0].children[0].children[1].style.animationName = 'fadeInText';

    linkRight.children[0].children[0].children[1].style.animationTimingFunction = 'ease-out';

    linkRight.children[0].children[0].children[1].style.animationDuration = '.2s';

    linkRight.children[0].children[0].children[1].style.animationFillMode = 'forwards';

}

linkRight.children[1].onmouseenter = function() {

    linkRight.children[1].children[0].children[1].style.animationName = 'fadeInText';

    linkRight.children[1].children[0].children[1].style.animationTimingFunction = 'ease-out';

    linkRight.children[1].children[0].children[1].style.animationDuration = '.3s';

    linkRight.children[1].children[0].children[1].style.animationFillMode = 'forwards';

}

linkRight.children[0].onmouseleave = function() {

    linkRight.children[0].children[0].children[1].style.animationName = 'fadeOutText';

    linkRight.children[0].children[0].children[1].style.animationTimingFunction = 'ease-out';

    linkRight.children[0].children[0].children[1].style.animationDuration = '.2s';

    linkRight.children[0].children[0].children[1].style.animationFillMode = 'forwards';

}

linkRight.children[1].onmouseleave = function() {

    linkRight.children[1].children[0].children[1].style.animationName = 'fadeOutText';

    linkRight.children[1].children[0].children[1].style.animationTimingFunction = 'ease-out';

    linkRight.children[1].children[0].children[1].style.animationDuration = '.3s';

    linkRight.children[1].children[0].children[1].style.animationFillMode = 'forwards';

}

Scroll event resize header height

var header = document.getElementById("header");

var headRight = document.getElementById("head-right");

var sitename = document.getElementById("sitename");

var linkRight = document.getElementById("link-right");

var dropDownShop = document.getElementById("dropDown-shop");

window.onscroll = function() {scrollFunction()};

function scrollFunction() {

if (window.scrollY > 50) {

header.style.height = "50px";

headRight.style.height = "50px";

menu.style.height = "50px";

menu.style.lineHeight = "50px";

sitename.style.paddingLeft = "50px";

sitename.style.lineHeight = "50px";

linkRight.style.lineHeight = "50px";

linkRight.style.height = "50px";

headRight.style.right = "50px";

dropDownShop.style.top = "50px";

linkRight.children[0].style.height = "50px";

linkRight.children[1].style.height = "50px";

} else {

  var h = 100 - window.scrollY;

if(h <= 50){

    header.style.height = "50px";

    headRight.style.height = "50px";

    menu.style.height = "50px";

    menu.style.lineHeight = "50px";

    sitename.style.paddingLeft = "50px";

    sitename.style.lineHeight = "50px";

    linkRight.style.lineHeight = "50px";

    linkRight.style.height = "50px";

    headRight.style.right = "50px";

    dropDownShop.style.top = "50px";

    linkRight.children[0].style.height = "50px";

    linkRight.children[1].style.height = "50px";

}else{

    // alert('ok')

    header.style.height = h + "px";

    headRight.style.height = h + "px";

    menu.style.height = h + "px";

    menu.style.lineHeight = h + "px";

    sitename.style.paddingLeft = h+"px";

    sitename.style.lineHeight = h+"px";

    linkRight.style.lineHeight = h + "px";

    linkRight.style.height = h + "px";

    headRight.style.right = h+"px";

    dropDownShop.style.top = h+"px";

    linkRight.children[0].style.height = h+"px";

    linkRight.children[1].style.height = h+"px";

}

}

}

Dropdown menu

var shopMenu = document.getElementById("shopMenu");

let enter = false;

dropDownShop.onmouseover = function() {

    enter = true;

    shopOff(enter);

};

dropDownShop.onmouseout = function() {

    enter = false;

    shopOff(enter);

};

shopMenu.onmouseover = function() {shopOn()};

shopMenu.onmouseout = function() {shopOff()};

function shopOn(){

    dropDownShop.style.display = "flex";

    dropDownShop.style.animationName = 'fadeIn';

    dropDownShop.style.animationTimingFunction = 'ease-out';

    dropDownShop.style.animationDuration = '.2s';

}

function shopOff(){

    setTimeout(function(){

        if(enter){

            dropDownShop.style.display = "flex";

        }else{

            dropDownShop.style.animationName = 'fadeOut';

            dropDownShop.style.animationTimingFunction = 'ease-out';

            dropDownShop.style.animationDuration = '.2s';

            dropDownShop.style.animationFillMode = 'forwards';

        }

    },500);

}

Count animation

document.querySelector('#categoriesImg1').onmouseenter = function() {

    animateCount("count-items-1", 0, 34, 700);

}

document.querySelector('#categoriesImg2').onmouseenter = function() {

    animateCount("count-items-2", 0, 40, 700);

}

document.querySelector('#categoriesImg3').onmouseenter = function() {

    animateCount("count-items-3", 0, 24, 700);

}

function animateCount(id, start, end, duration){

    if(start === end) return;

    var range = end - start;

    var current = start;

    var increment = end > start ? 1 : -1;

    var stepTime = Math.abs(Math.floor(duration / range));

    var obj = document.getElementById(id);

    var timer = setInterval(function(){

        current += increment;

        obj.innerHTML = current;

        if(current == end){

            clearInterval(timer);

        }

    }, stepTime)

}

**PHP**

**Implementasi Conditional Sentence dan Session**

Conditional Sentence atau percabangan diimplementasikan pada banyak sisi program salah satunya pada saat user login maka system login akan mendeteksi role user, jika user adalah admin maka akan dipindahkan ke halaman admin sedangkan jika user adalah member maka akan diarahkan ke home page user member. Script dibawah menggunakan ternary operator atau shorthand dari syntax if and else.

Sementara itu Session digunakan untuk user yang berhasil login supaya halaman admin tidak bisa diakses oeh user yang tidak login.

LOGIN

Admin username = admin

Admin password = admin123

Member username = member

Member password = member123

<?php

require '../koneksi.php';

// require 'func.php';

$username = mysqli\_real\_escape\_string($mysqli, $\_POST['username']);

$password = mysqli\_real\_escape\_string($mysqli, $\_POST['password']);

$result = mysqli\_query($mysqli, "SELECT \* FROM user WHERE username = '$username' AND password = '$password'");

echo mysqli\_num\_rows($result) ? loginValid($result) : loginNotValid();

function loginValid($userdata){

    createSession($userdata);

}

function loginNotValid(){

    header('Location: ../index.php?error=1');

    exit;

}

function createSession($userdata){

    $user = mysqli\_fetch\_assoc($userdata);

    $\_SESSION['login'] = TRUE;

    $user['role'] ? header('Location: ../admin/index.php') : header('Location: ../index.php?feedback=1');

}

Selain itu Conditional Sentence juga diterapkan pada saat menampilkan halaman edit barang, saat form tampil pada halaman edit barang maka data barang akan secara otomatis mengisi kolom pada form. Pada pilihan kategori dan brand dibuat input berupa combo box. Percabangan dilakukan untuk menselect item yang sama id nya dengan data di database

<tr>

                    <td>Kategori</td>

                    <td>

                        <select name="kategori" id="kategori">

                            <?php while($data = mysqli\_fetch\_assoc($data\_kategori)) : ?>

                                <?php if($data['id'] == $kategori) : ?>

                                    <option selected value="<?=$data['id']?>"><?=$data['kategori']?></option>

                                <?php else : ?>

                                    <option value="<?=$data['id']?>"><?=$data['kategori']?></option>

                                <?php endif; ?>

                            <?php endwhile; ?>

                        </select>

                    </td>

                </tr>

                <tr>

                    <td>Brand</td>

                    <td>

                        <select name="brand" id="brand">

                            <?php while($data = mysqli\_fetch\_assoc($data\_brand)) : ?>

                                <?php if($data['id'] == $brand) : ?>

                                    <option selected value="<?=$data['id']?>"><?=$data['brand']?></option>

                                <?php else : ?>

                                    <option value="<?=$data['id']?>"><?=$data['brand']?></option>

                                <?php endif; ?>

                            <?php endwhile; ?>

                        </select>

                    </td>

                </tr>

**Implementasi Looping Statement**

Looping statement atau perulangan diimplementasikan saat mengambil data dari database, data yang dikembalikan berupa array maka untuk memecah array tersebut menjadi variable terpisah digunakanlah perulangan seperti berikut.

Dibawah ini merupakan perulangan dengan while

$result = mysqli\_query($mysqli, "SELECT \* FROM barang WHERE id=$id");

while ($res = mysqli\_fetch\_array($result)) {

    $nama = $res['nama'];

    $kategori = $res['kategori'];

    $brand = $res['brand'];

    $harga = $res['harga'];

    $image = $res['gambar'];

}

**Implementasi Form Handling, Validate dan Sanitize**

Form Handling diimplementasikan di banyak sisi program salah satunya adalah form tambah barang. Form ini menggunakan method post dan mengarah ke file add.php lalu pada file add.php akan menerima data menggunakan variable super global $\_POST.

<form

      action="add.php"

      method="post"

      name="form1"

      enctype="multipart/form-data"

    >

      <table width="25%" border="0">

        <tr>

            <td>Nama</td>

            <td><input type="text" name="nama" /></td>

        </tr>

        <tr>

            <td>Kategori</td>

            <td><input type="text" name="kategori" /></td>

        </tr>

        <tr>

            <td>Brand</td>

            <td><input type="text" name="brand" /></td>

        </tr>

        <tr>

            <td>Harga</td>

            <td><input type="text" name="harga" /></td>

        </tr>

        <tr>

            <td>Gambar</td>

            <td><input type="file" name="gambar" /></td>

        </tr>

        <tr>

          <td>Deskripsi Produk</td>

          <td><textarea name="deskripsi" id="" cols="30" rows="10"></textarea></td>

        </tr>

        <tr>

            <td></td>

            <td><input type="submit" name="Submit" value="Add" /></td>

        </tr>

      </table>

    </form>

Contoh form handling dan validasi juga saya terapkan pada form checkout barang

<form method="post" action="validation.php">

    <div id="checkout">

        <div class="form-left">

            <h2>Billing Address</h2>

                <ul>

                    <li>

                        <label for="fname">First name\*</label>

                        <input type="text" name="fname" id="fname" required>

                    </li>

                    <li>

                        <label for="lname">Last name\*</label>

                        <input type="text" name="lname" id="lname" required>

                    </li>

                    <li>

                        <label for="company">Company name (optional)</label>

                        <input type="text" name="company" id="company">

                    </li>

                    <li>

                        <label for="address">Address\*</label>

                        <input type="text" name="address" id="address" required>

                    </li>

                    <li>

                        <label for="phone">Phone no\*</label>

                        <input type="number" name="phone" id="phone" required>

                    </li>

                    <li>

                        <label for="email">Email address\*</label>

                        <input type="text" name="email" id="email" required>

                    </li>

                </ul>

        </div>

        <div class="form-right">

            <h2>Your order</h2>

            <table cellpadding="10" cellspacing="0" border="0">

                <tr>

                    <td>PRODUCT</td>

                    <td align="right">TOTAL</td>

                </tr>

                <tr>

                    <td>MONITOR LG 24 IN</td>

                    <td align="right">$120.00</td>

                </tr>

                <tr>

                    <td>SUBTOTAL</td>

                    <td align="right">$120.00</td>

                </tr>

                <tr>

                    <td>TOTAL</td>

                    <td align="right">$120.00</td>

                </tr>

            </table>

            <h3>Payment method</h3>

            <ul>

                <li><input type="radio" name="payment" value="paypal" id="paypal" required="">

                    <label for="paypal">PAYPAL</label>

                </li>

                <li><input type="radio" name="payment" value="dana" id="dana">

                    <label for="dana">DANA</label>

                </li>

                <li><input type="radio" name="payment" value="cod" id="cod">

                    <label for="cod">CASH ON DELIEVERY</label>

                </li>

                <li><input type="radio" name="payment" value="credit" id="credit">

                    <label for="credit">CREDIT CARD</label>

                </li>

            </ul>

            <button class="btnorder">ORDER NOW</button>

            <div id="viewMore"></div>

        </div>

    </div>

    </form>

Pada file validation.php ini akan melakukan pengecekan data yang diinputkan oleh pengguna apakah datanya sudah valid dan sesuai rule yang dibuat oleh developer.

Contohnya pada isian email di filter dengan FILTER\_SANITIZE\_EMAIL kemudian semua isian haru melewati fungsi htnlspecialchars supaya terhindar dari kejahatan sql injection

<?php

$data = $\_POST;

// SANITIZING

$fname = \_myFilter($data['fname']);

$lname = \_myFilter($data['lname']);

$company = \_myFilter($data['company']);

$address = \_myFilter($data['address']);

$phone = (int)\_myFilter($data['phone']);

$email = \_myFilter($data['email']);

$payment = \_myFilter($data['payment']);

function \_myFilter($data){

    /\* The bellow code will avoid Cross Site Scripting

        removes space and backslash characters

    \*/

    $data = htmlspecialchars(stripslashes(trim($data)));

    // The bellow code will remove all HTML tags from a string

    return filter\_var($data, FILTER\_SANITIZE\_STRING);

}

// santize email

$email = filter\_var($email, FILTER\_SANITIZE\_EMAIL);

echo $email;

// VALIDATING

// validate phone

if(!is\_numeric($phone)){

    // phone is not valid

    echo "<script>alert('Phone not valid')</script>";

}

// validating email

if(!filter\_var($email, FILTER\_VALIDATE\_EMAIL)){

    // email is not valid

    echo "<script>alert('Email not valid')</script>";

}

**Koneksi Database**

Database yang digunakan adalah mysql dengan gaya penulisan procedural. Pada php versi 7 koneksi php dengan mysql sudah tidak lagi menggunakan mysql\_connect seperti halnya pada php5, php7 menggunakan fungsi mysqli\_connect dimana i yaitu singkatan dari improve, artinya fungsi yang sudah diimprove dari php5 ke php7

<?php

session\_start();

$databaseHost = 'localhost';

$databaseName = 'fashop'; // NAMA DATABASE

$databaseUsername = 'root'; // USERNAME DATABASE

$databasePassword = ''; //PASSWORD DATABASE

// MENGHUBUNGKAN DATABASE

$mysqli = mysqli\_connect($databaseHost, $databaseUsername, $databasePassword, $databaseName);

// JIKA DATABASE TIDAK ADA ATAU TIDAK TERSAMBUNG

if (mysqli\_connect\_errno()) {

    printf("%s \n", mysqli\_connect\_error());

    exit();

}

**Session, Cookie, Upload**

Penggunaan untuk system login sudah dijelaskan diatas, penggunaan cookie untuk system shooping cart dimana barang belanjaan yang dipilih user akan tersimpan pada variable $\_CART selama tempo yang disetting developer

if(isset($\_GET['id'])){

        setcookie('id'.(count($\_COOKIE)-1), $\_GET['id'], time()+3600);

        echo "<script>alert('Barang telah ditambahkan!')</script>";

        echo "<script>document.location.href='index.php'</script>";

    }

Saya menambahakn fitur upload pada halaman admin untuk mengupload file gambar barang yang nantinya akan ditampilkan kepada pelanggan di home page.

if (isset($\_POST['Submit'])) {

        $nama = mysqli\_real\_escape\_string($mysqli, $\_POST['nama']);

        $kategori = mysqli\_real\_escape\_string($mysqli, $\_POST['kategori']);

        $brand = mysqli\_real\_escape\_string($mysqli, $\_POST['brand']);

        $harga = mysqli\_real\_escape\_string($mysqli, $\_POST['harga']);

        $filename = $\_FILES['gambar']['name'];

        $deskripsi = mysqli\_real\_escape\_string($mysqli, $\_POST['deskripsi']);

        // CEK DATA TIDAK BOLEH KOSONG

        if (empty($nama) || empty($kategori) || empty($harga) || empty($filename)) {

            if (empty($nama)) {

                echo "<font color='red'>Kolom Nama tidak boleh kosong.</font><br/>";

            }

            if (empty($kategori)) {

                echo "<font color='red'>Kolom Kategori tidak boleh kosong.</font><br/>";

            }

            if (empty($harga)) {

                echo "<font color='red'>Kolom Harga tidak boleh kosong.</font><br/>";

            }

            if (empty($filename)) {

                echo "<font color='red'>Kolom Gambar tidak boleh kosong.</font><br/>";

            }

            // KEMBALI KE HALAMAN SEBELUMNYA

            echo "<br/><a href='javascript:self.history.back();'>Kembali</a>";

        } else {

            // JIKA SEMUANYA TIDAK KOSONG

            $filetmpname = $\_FILES['gambar']['tmp\_name'];

            // FOLDER DIMANA GAMBAR AKAN DI SIMPAN

            $folder = '../upload/products/';

            // GAMBAR DI SIMPAN KE DALAM FOLDER

            move\_uploaded\_file($filetmpname, $folder . $filename);

            // MEMASUKAN DATA DATA + NAMA GAMBAR KE DALAM DATABASE

            $result = mysqli\_query($mysqli, "INSERT INTO barang VALUES('', '$nama', '$kategori', '$brand', '$harga' ,'$filename', '$deskripri')");

            // MENAMPILKAN PESAN BERHASIL

            echo "<font color='green'>Data Berhasil ditambahkan.";

            echo "<br/><a href='index.php'>Lihat Hasilnya</a>";

        }

    }