

WEB PROGRAMIRANJE 1

Sajt “PhoneWorld”

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UVOD

Korišćeni programski jezici: HTML, CSS, JavaScript, JQuery

Okruženje: Visual Studio Code

Upotrebljen je Bootstrap

Funkcionalnosti

Na svakoj stranici dinamički ispisani navigacioni meni i ikone u istom meniju, također ikone i navigacija u foteru.

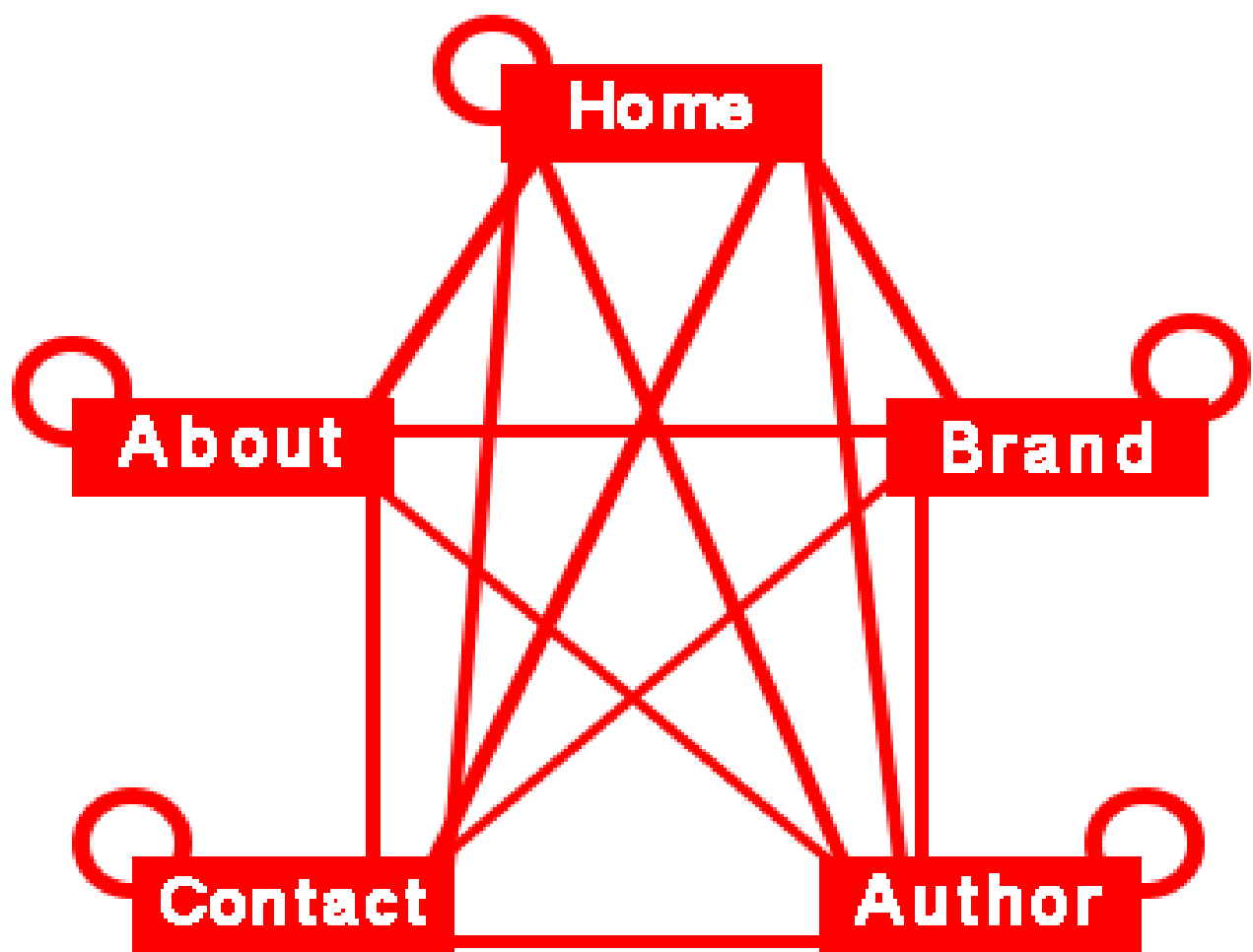
Dinamički ispisani blokovi koji drže proizvode, na početnoj i na "brand" stranici. Dinamički ispisani slider sa slikama klijenata o radnji na početnoj stranici, svaki slider se menja za 10 sekundi.

Svaka stranica ima validne linkove koji vode ka drugim stranicama i društvenim mrežama.

Na kontakt stranici forma ima validaciju za svako polje koje se unosi, kako na izlazak kursorom misa iz polja, tako i na klik taj dugmeta za predaju. Također, na istoj stranici se nalazi link "Read licence agreement" koji na stranici otvara uslove korišćenja.

Slider koji se nalazi na početku početne strane nije autor izradio, također ne i hamburger.

Organizaciona šema:



Mapa sajta:

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://dusankldj.github.io/wp1/index.html</loc>
    <lastmod>2023-12-10</lastmod>
    <changefreq>daily</changefreq>
    <priority>0.9</priority>
  </url>
  <url>
    <loc>https://dusankldj.github.io/wp1/about.html</loc>
    <lastmod>2023-12-10</lastmod>
    <changefreq>monthly</changefreq>
    <priority>0.6</priority>
  </url>
  <url>
    <loc>https://dusankldj.github.io/wp1/brand.html</loc>
    <lastmod>2023-12-10</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.8</priority>
  </url>
  <url>
    <loc>https://dusankldj.github.io/wp1/contact.html</loc>
    <lastmod>2023-12-10</lastmod>
    <changefreq>yearly</changefreq>
    <priority>0.4</priority>
  </url>
  <url>
    <loc>https://dusankldj.github.io/wp1/author.html</loc>
    <lastmod>2023-12-10</lastmod>
    <changefreq>yearly</changefreq>
    <priority>0.4</priority>
  </url>
</urlset>
```

Korišćen template:

<https://www.free-css.com/free-css-templates/page262/pomato>

Organizacija

Svaka stranica ima deo istog HTML I JavaScript koda odnosno navigacioni meni I futer, može se videti u priloženom:

```
<div class="container">
  <div class="row">
    <div class="col-xl-3 col-lg-3 col-md-3 col-sm-3 col logo_section">
      <div class="full">
        <div class="center-desk">
          <div class="logo">
            <a href="index.html"></a>
          </div>
        </div>
      </div>
    </div>
    <div class="col-xl-9 col-lg-9 col-md-9 col-sm-9">
      <div class="menu-area">
        <div class="limit-box">
          <nav class="main-menu">
            <ul class="menu-area-main" id="navigacija">
              <!--<li class="active"> <a href="index.html">Home</a> </li>
              <li> <a href="about.html">About</a> </li>
              <li><a href="brand.html">Brand</a></li>
              <li><a href="special.html">Specials</a></li>
              <li><a href="contact.html">Contact Us</a></li>-->
            </ul>
          </nav>
        </div>
      </div>
      <div class="col-md-6 offset-md-6">
        <div class="location_icon_bottum rounded">
          <ul id="navIkonice">
            <!-- <li>(+71)9876543109</li>
            <li>demo@gmail.com</li>
            <li>Location</li>-->
          </ul>
        </div>
      </div>
    </div>
  </div>
</div>
```

```

<div class="container">
  <div class="row">
    <div class="col-xl-3 col-lg-3 col-md-3 col-sm-3 col logo_section">
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            <ul class="menu-area-main" id="navigacija">
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              <li> <a href="about.html">About</a> </li>
              <li><a href="brand.html">Brand</a></li>
              <li><a href="special.html">Specials</a></li>
              <li><a href="contact.html">Contact Us</a></li>-->
            </ul>
          </nav>
        </div>
      </div>
      <div class="col-md-6 offset-md-6">
        <div class="location_icon_bottum rounded">
          <ul id="navIkone">
            <!-- <li>(+71)9876543109</li>
            <li>demo@gmail.com</li>
            <li>Location</li>-->
          </ul>
        </div>
      </div>
    </div>
  </div>
</div>
</div>

```

```

//Dinamicko ispisivanje elemenata u navigacionom meniju
let nizImena=['Home','About','Brand','Contact Us','Author'];
let nizPutanja=['index.html','about.html','brand.html','contact.html','author.html'];

let navContent="";
for(let i=0;i<nizImena.length;i++)
  navContent+=`<li><a href="${nizPutanja[i]}">${nizImena[i]}</a></li>`;
document.getElementById('navigacija').innerHTML=navContent;

let nizIkonaNavPutanja=['assets/icon/call.png','assets/icon/email.png','assets/icon/loc.png'];
let nizIkonaNavText=['(+71)9876543109','demo@gmail.com','Location'];
let nizIkonaNavAlt=['phone icon','mail icon','location icon'];

let navContentIkone="";
for(let i=0;i<nizIkonaNavPutanja.length;i++)
  navContentIkone+=`<li>${nizIkonaNavText[i]}</li>`;
document.getElementById("navIkone").innerHTML=navContentIkone;

```

```
//Dinamicko ispisivanje elemenata u futeru
let futerIkonice=[
  {imeIkonice:"facebook-f", link:"https://www.facebook.com/login/"},
  {imeIkonice:"twitter", link:"https://twitter.com/i/flow/login/"},
  {imeIkonice:"instagram", link:"https://www.instagram.com/accounts/login/"}
];
let ikoniceFuter="";
for(let i=0;i<3;i++){
  ikoniceFuter+`<li><a href="${futerIkonice[i].link}" target="_blank"><i class="fa fa-${futerIkonice[i].imeIkonice}"></i>
}
$("#futerIkonice").append(ikoniceFuter);

let navFuter=[
  {tekst:"Home", link:"index.html"},
  {tekst:"About", link:"#top"},
  {tekst:"Brand", link:"brand.html"},
  {tekst:"Contact us", link:"contact.html"},
  {tekst:"Author", link:"author.html"}
];
let navigacijaFuter="";
for(let i=0;i<5;i++){
  navigacijaFuter+`<li> <a href="${navFuter[i].link}">${navFuter[i].tekst}</a></li>`;
}
$("#navFuter").append(navigacijaFuter);
```

Ostale funkcionalnosti:

```
let objSlajderKom=[
  {naslov:"John Stockton",tekst:"Outstanding Customer Service: The store staff went above and beyond to help me find the"},
  {naslov:"James Balwin",tekst:"Great Product Selection: I was impressed by the wide range of phones available. The store"},
  {naslov:"Sophie Smith",tekst:"Efficient and Reliable: The purchasing process was smooth and efficient. From browsing to"}
];

//Slajder sa utiscima kupaca
let i=0;
function menjajSlajdKomentar(){
  if(i==0 || i==1)
    i++;
  else i = 0;
  console.log(i);
  ispisivnjeSlajda(i);
}
menjajSlajdKomentar();
setInterval(menjajSlajdKomentar,10000);

function ispisivnjeSlajda(i){
  document.getElementById("naslovKom").innerHTML=objSlajderKom[i].naslov;
  document.getElementById("textKom").innerHTML=objSlajderKom[i].tekst;
}
```

```
//otvaranje modala
let readMoreButton=document.getElementById("readMore");
readMoreButton.addEventListener('click', function() {
  $('#mojModal1').modal('show');
});
```

```
//Dinamicko ispisivanje blokova
let blokTelefon="";
let objTel=[
  {slika:"1.png",model:"iPhone 13 Pro Max",},
  {slika:"2.png",model:"Galaxy S21 Ultra",},
  {slika:"3.png",model:"OnePlus 9 Pro",},
  {slika:"4.png",model:"Xiaomi Mi 11 Ultra",},
  {slika:"5.png",model:"Sony Xperia 1 III",},
  {slika:"6.png",model:"Motorola Edge+",}
];
for(let i=0;i<objTel.length;i++){
  blokTelefon+=`<div class="col-xl-4 col-lg-4 col-md-4 col-sm-6 margin">
    <div class="brand_box rounded">
      
      <ul class="no-bullets">
        <li><h2 class="mt-4">${objTel[i].model}</h2></li>
        <li><h3>${<strong class="red">100</strong></h3></li>
        <li><button id="readMore" type="button" class="btn btn-danger my-4" data-bs-toggle="modal" data-bs-target="#exampleModal">Read more</button></li>
      </ul>
    </div>
  </div>`;
}
document.getElementById("telefoni").innerHTML=blokTelefon;
```

```
let objNovihTel=[
  {slika:"7.jpg",model:"Asus ROG Phone 5",},
  {slika:"8.png",model:"Realme GT",},
  {slika:"9.jpg",model:"Motorola Edge 20 Pro",},
  {slika:"10.png",model:"Oppo Find X3 Pro",},
  {slika:"11.jpg",model:"Vivo X60 Pro+",},
  {slika:"12.jpg",model:"Lenovo Legion Phone Duel 2",}
];

//funkcija koja na klik dugmeta see more prikazuje/sakriva novih 6 blokova
let brojac=0;
function prikaziSakrij(){
  brojac++;
  if(brojac%2==1){
    $('#holderNoviBlokovi').removeClass('d-none');
    dodajBlokove();
    $('#vidiJos').text("Show less");
  }
  else {
    $('#holderNoviBlokovi').addClass('d-none');
    ukloniBlokove();
    $('#vidiJos').text("Show more");
  }

  function dodajBlokove(){
    for(let i=0;i<6;i++){
      var noviBlok=`<div class="col-xl-4 col-lg-4 col-md-4 col-sm-6 margin" id="blok">
        <div class="brand_box rounded">
          
          <ul class="no-bullets">
```



```

    $('#holderNoviBlokovi').addClass('d-none');
    ukloniBlokove();
    $('#vidiJos').text("Show more");
}

function dodajBlokove(){
    for(let i=0;i<6;i++){
        var noviBlok=`<div class="col-xl-4 col-lg-4 col-md-4 col-sm-6 margin" id="blok">
            <div class="brand_box rounded">
                
                <ul class="no-bullets">
                    <li><h2 class="mt-4">${objNovihTel[i].model}</h2></li>
                    <li><h3>${<strong class="red">100</strong></h3></li>
                    <li><button id="readMore" type="button" class="btn btn-danger my-4" data-bs-toggle="modal" data-bs-target="#isk
                        Read more
                    </button></li>
                </ul>
            </div>
        </div>`;
        $('#holderNoviBlokovi').append(noviBlok);
    }
}

function ukloniBlokove(){
    $('#holderNoviBlokovi').children('#blok').remove();
}

document.getElementById("vidiJos").addEventListener("click",prikaziSakrij);

```

```

//funkcija u koju prosledjujemo parametre regex izraza i polja koje proveravamo
function proveripolja(regex,polje){
    if(!regex.test(polje.value))
        polje.nextElementSibling.classList.remove('d-none');
    else
        polje.nextElementSibling.classList.add('d-none');
}

//regularni izrazi
let regImePrezime = /^[A-Z][a-z]{2,17}(\s[A-Z][a-z]{2,17})?$/;
let regexEmail=/^[a-z0-9]{1,30}(\.|[a-z0-9])*@gmail\.com$/;
let regTelefon = /^+\d{1,14}$/;

//pozivanje funkcije za svako polje koje proveravamo
let ime=document.getElementById('name');
document.getElementById('name').addEventListener("blur",function(){
    proveripolja(regImePrezime,ime);
});

let prezime=document.getElementById('surname');
document.getElementById('surname').addEventListener("blur",function(){
    proveripolja(regImePrezime,prezime);
});

let mail=document.getElementById('email');
document.getElementById('email').addEventListener("blur",function(){
    proveripolja(regexEmail,mail);
});

```

```
let brTel=document.getElementById('phone');
document.getElementById('phone').addEventListener("blur",function(){
    proveripolja(regTelefon,brTel);
});

//provera checkBoxa
var isChecked=false;
    var formErrors=0;
    var greskaPol=document.getElementById('greskaPol');
    let rbGender=document.getElementsByName("gender");
    function checkGender(){
        for(let i=0; i<rbGender.length; i++)
        {
            if(rbGender[i].checked)
            {
                isChecked=true;
            }
        }
        if(!isChecked)
        {
            greskaPol.classList.remove("d-none");
            formErrors++;
        }
        else{
            greskaPol.classList.add("d-none");
            formErrors=0;
        }
    }
```

```

        formErrors++;
    }
    else{
        greskaPol.classList.add("d-none");
        formErrors=0;
    }
}

let checkbox = document.getElementById('checkbox');
function proveraCheckBoxa(){
    if (!checkbox.checked)
        document.getElementById('checkGreska').classList.remove('d-none');
    else
        document.getElementById('checkGreska').classList.add('d-none');
}

document.getElementById('readMore').addEventListener("click",function(){
    submit();//dugme za proveru svih polja na kliktaaj dugmeta submit
});

//provera za textarea
function proveriParametera(){
    let textBox=document.getElementById('message').value;
    let poruka=document.getElementById('greskaPoruka');
    if(textBox<10)
        poruka.classList.remove('d-none');
    else
        poruka.classList.add('d-none');
}

```

```

//prikazivanje/sakrivanje dugmeta Close za licence agreement
let licence=document.getElementById('licence');
let agreementBlock=document.getElementById('agreementBlock');
licence.addEventListener('click',function(){
    agreementBlock.classList.toggle('d-none');
});

let closeLicenceButton=document.getElementById('closeLicence');
closeLicenceButton.addEventListener('click',function(){
    agreementBlock.classList.toggle('d-none');
});

```