



DOKUMENTACIJA
Web programiranje 1

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1. Uvod

1.1 Korišćeni alati

Alati korišćeni za izradu sajta: HTML, CSS, Bootstarp, XML, JavaScript i jQuery biblioteka
Radno okruženje: Visual Studio Code

1.2 Opis funkcionalnosti

- ♦ Dinamičko ispisivanje navigacije (navigacija u hederu i navigacija u footer-u)
- ♦ Scroll heder - u JavaScript-u uradjeno da kada se skroluje mišem na dole, heder sa navigacijom se "zalepi" za vrh strane
- ♦ Dinamički blokovi - ispisani uz pomoć JS, sadrže ikonicu, naslov i tekst
- ♦ Validacija sign in forme(username i password) i ispis o uspešnom popunjavanju.
- ♦ U JavaScript-u uz pomoć onclick-a ulazanje i izlazanje iz sign in forme klikom na dugme x.
- ♦ Read more/Read less – inicijalno sakriven paragraf koji se klikom na dugme Read more prikazuje, kada je prikazan inicijalno sakriven paragraf tekst dugmeta se menja na Read less.
- ♦ HOVER – rađen uz pomoć jQuery biblioteke. Nalazi se na više mesta na sajtu, kao na primer na svakom dugmetu se menja pozadinska boja kada se preko nje predje mišem.
- ♦ Korišćenje jQuery plugin-a – za slider u sekciji about. Smenjuju se tri slike automatski u intervalu 2000.
- ♦ Slider blokovi – ispisani dinamički. Automatsko slajdovanje ili uz pomoć drag-a ili klikom na ikonicu. Menjaju se ponude knjiga. Dinamički ispisane ikonice, slike, naslov, cene, dugme.
- ♦ Dinamički ispisane društvene mreže u footer-u
- ♦ Validacija forme i ispisivanje poruke o uspešnom popunjavanju

1.3 Template

Za izradu sajta nije korišćen gotov template.

2. Organizacija

2.1 Organizaciona šema

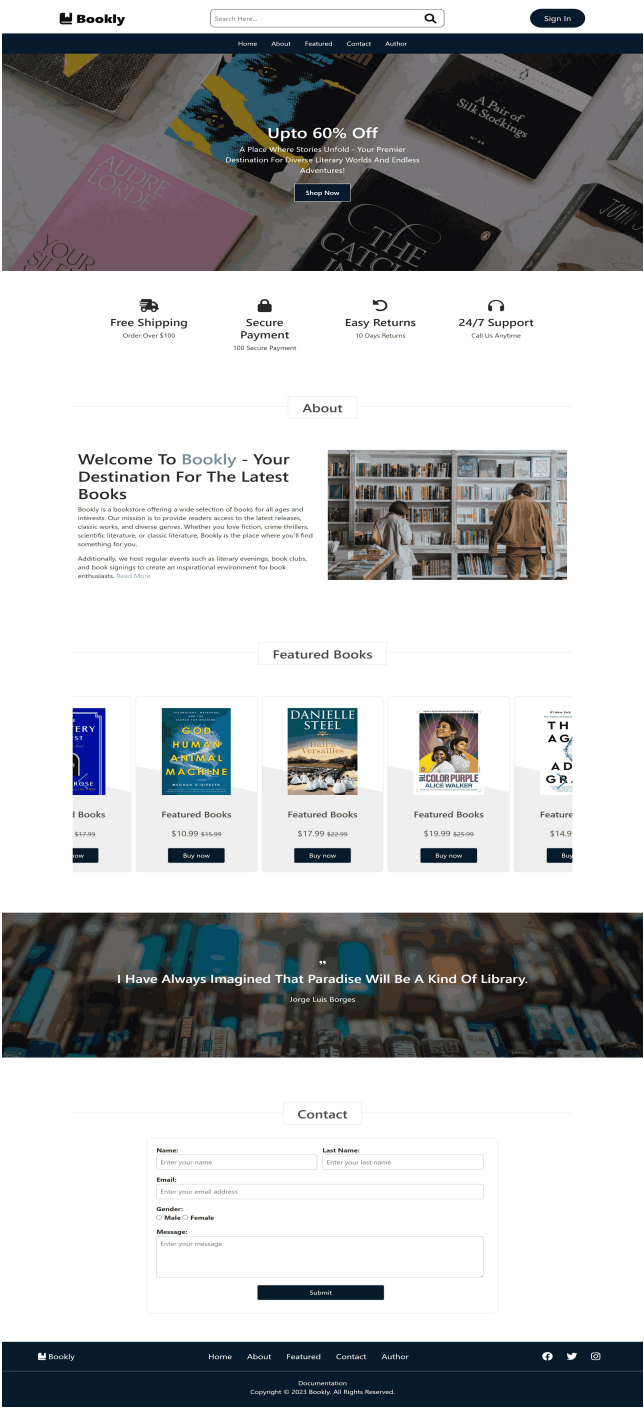


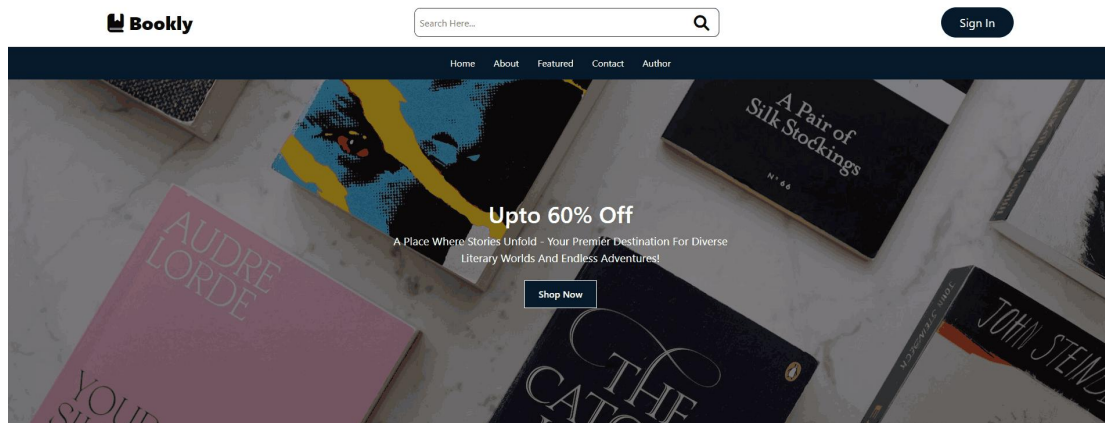
2.2 Mapa sajta

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
  <loc>https://zokag.github.io/bookly/index.html</loc>
  <lastmod>2023-12-10</lastmod>
  <changefreq>daily</changefreq>
  <priority>1</priority>
</url>
<url>
  <loc>https://zokag.github.io/bookly/author.html</loc>
  <lastmod>2023-12-10</lastmod>
  <changefreq>yearly</changefreq>
  <priority>0.5</priority>
</url>
</urlset>
```

2.3 Slike i opis funkcionalnosti

Izgled celog sajta





Dinamički urađena navigaciona lista. Preko svakog elementa liste je urađen hover uz pomoć JQuery-a tako da kad se pređe mišem preko svakog elementa pozadina promeni boju. Hover je urađen za svako dugme na sajtu kao i za logo.

Kada se pritisne na dugme “Sign In” otvara se sign in forma za koju je urađena validacija uz pomoć JavaScript-a. Pritiskom na dugme “Sign In” vrši se provera dok god podaci ne budu ispravni. Kada budu ispravni pojavljuje se poruka o uspešnom prijavljivanju.

Free Shipping
Order Over \$100

Secure Payment
100 Secure Payment

Easy Returns
10 Days Returns

24/7 Support
Call Us Anytime

About

Welcome To Bookly - Your Destination For The Latest Books

Bookly is a bookstore offering a wide selection of books for all ages and interests. Our mission is to provide readers access to the latest releases, classic works, and diverse genres. Whether you love fiction, crime thrillers, scientific literature, or classic literature, Bookly is the place where you'll find something for you.

Additionally, we host regular events such as literary evenings, book clubs, and book signings to create an inspirational environment for book enthusiasts. [Read More](#)



Navigacija je urađena tako da se “zalepi” za vrh stranice kad se mišem skroluje na dole. To je urađeno preko JavaScript-a.

Blokovi su urađeni dinamički u JavaScript-u (ikonica, naslov i tekst). Hover je urađen preko JQuery-a tako da se prelaskom miša menja pozadinska boja i dodaje box shadow.

U sekciji About urađen je inicijalno sakriven paragraf koji se klikom na dugme Read more prikazuje a kada je prikazan, tekst dugmeta se menja na Read less.

Pored je slajder sa slikama, urađen u JQuery dinamički. Smenjuju se tri slike automatski u intervalu 2000.

Featured Books



Na slici su slider blokovi – ispisani dinamički. Automatsko slajdovanje je uključeno a može se prevlačiti uz pomoć drag-a ili klikom na ikonicu. Menjaju se ponude knjiga. Dinamički ispisane ikonice, slike, naslov, cene, dugme. Takođe postoji hover dugmeta urađen u JQuery-u.

Contact

Name:

dc

Name must start with a capital and have minimal 3 letters!

Last Name:

cd

Last name must start with a capital and have minimal 3 letters!

Email:

t@gsegesgw

Use lowercase letters, without '.' and '@gmail.com' or '@yahoo.com' or '@ict.edu.rs' at the end.

Gender:

☐ Male
☒ Female

Message:

v

Message should be at least 10 characters long.

Submit

Urađena je validacija forme. Kada se pritisne dugme “Submit” prikazuju se greške(ukoliko ih ima). Kada se forma popuni ispravno, pojavljuje se poruka o uspešnom popunjavanju.

Contact

Name:

Enter your name

Last Name:

Enter your last name

Email:

Enter your email address

Gender:

☐ Male
☐ Female

Message:

Enter your message

Submit

Form Successfully Submitted!

U futeru, ikonice i navigacija su urađeni dinamički putem JavaScripta. Hover se nalazi na svim elementima(jQuery)

3. Kodovi

3.1 HTML(index)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <!--Favicon-->
  <link rel="shortcut icon" type="image/x-icon"
href="assets/img/favicon.png">
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <link rel="stylesheet" href="assets/css/style.css" type="text/css">
  <!--Bootstrap css-->
  <link
href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.m
in.css" rel="stylesheet" integrity="sha384-
9ndCyUaIbzAi2FUVXJi0CjmCapSm07SnpJef0486qhLnuZ2cdeRh002iuK6FUUVM"
crossorigin="anonymous">
  <!--fontawsome-->
  <link rel="stylesheet" href="https://site-
assets.fontawesome.com/releases/v6.0.0/css/all.css"/>
  <link rel="stylesheet" href="https://unpkg.com/swiper/swiper-
bundle.min.css" />
  <title>Bookly | Author</title>
</head>
<body class="authorBg d-flex justify-content-center align-items-
center">
  <div class="homepage">
    <a href="index.html"><i class="fa-solid fa-house fs-2"></i></a>
  </div>
  <section id="middle-author" class="rounded-5">
    <div class="container my-5">
      <div class="row d-flex zg-row justify-content-evenly align-
items-center">
        <div class="col-8 col-md-4">
          
        </div>
        <div class="col-12 col-md-6">
          <div class="zg-title">
            <h2 class="text-capitalize fs-3 mb-0 mt-md-0 mt-5 text-
center text-md-start">Get to know me!</h2>
            <p class="red fs-5 mb-3 mb-lg-5 text-center text-md-
start">Information</p>
          </div>
          <div class="info">
```

```

        <h3 class="mb-1 fs-4 text-center text-md-
start">Name:</h3>
        <p class="text-center text-md-start">Zorka
Grčić</p>
        <h3 class="mt-4 mb-1 fs-4 text-center text-md-
start" >Index number:</h3>
        <p class="text-center text-md-
start">53/22</p>
        <h3 class="mt-4 mb-1 fs-4 text-center text-md-
start" >Collage:</h3>
        <p class="text-center text-md-start">ICT</p>
        <h3 class="mt-4 mb-1 fs-4 text-center text-md-start">High
School:</h3>
        <p class="text-center text-md-
start">Gimnazija in Obrenovac</p>
        <h3 class="mt-4 mb-1 fs-4 text-center text-md-start">More
Info</h3>
        <p class="text-center text-md-start">If you
want to find out more about the author of this website <a
href="https://zokag.github.io/zdesign/index.html" target="_blank"
class="red">click here</a></p>
        </div>
    </div>
</div>
</section>

</body>
</html>

```

HTML(Autor)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <!--Favicon-->
  <link rel="shortcut icon" type="image/x-icon"
href="assets/img/favicon.png">
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <link rel="stylesheet" href="assets/css/style.css" type="text/css">
  <!--Bootstrap css-->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.m
in.css" rel="stylesheet" integrity="sha384-
9ndCyUaIbzAi2FUVXJi0CjmcCapS07SnPJeF0486qhlNuZ2cdeRh002iuK6FUUVM"
crossorigin="anonymous">
  <!--fontawsome-->
  <link rel="stylesheet" href="https://site-
assets.fontawesome.com/releases/v6.0.0/css/all.css"/>
  <link rel="stylesheet" href="https://unpkg.com/swiper/swiper-
bundle.min.css" />
  <title>Bookly | Author</title>
</head>
<body class="authorBg d-flex justify-content-center align-items-
center">
  <div class="homepage">
    <a href="index.html"><i class="fa-solid fa-house fs-2"></i></a>
  </div>
  <section id="middle-author" class="rounded-5">
    <div class="container my-5">
      <div class="row d-flex zg-row justify-content-evenly align-
items-center">
        <div class="col-8 col-md-4">
          
        </div>
        <div class="col-12 col-md-6">
          <div class="zg-title">
            <h2 class="text-capitalize fs-3 mb-0 mt-md-0 mt-5 text-
center text-md-start">Get to know me!</h2>
            <p class="red fs-5 mb-3 mb-lg-5 text-center text-md-
start">Information</p>
          </div>
          <div class="info">
            <h3 class="mb-1 fs-4 text-center text-md-
start">Name:</h3>
            <p class="text-center text-md-start">Zorka
Grčić</p>
```

```

        <h3 class="mt-4 mb-1 fs-4 text-center text-md-
start" >Index number:</h3>
        <p class="text-center text-md-
start">53/22</p>
        <h3 class="mt-4 mb-1 fs-4 text-center text-md-
start" >Collage:</h3>
        <p class="text-center text-md-start">ICT</p>
        <h3 class="mt-4 mb-1 fs-4 text-center text-md-start">High
School:</h3>
        <p class="text-center text-md-
start">Gimnazija in Obrenovac</p>
        <h3 class="mt-4 mb-1 fs-4 text-center text-md-start">More
Info</h3>
        <p class="text-center text-md-start">If you
want to find out more about the author of this website <a
href="https://zokag.github.io/zdesign/index.html" target="_blank"
class="red">click here</a></p>
    </div>
</div>
</div>
</div>
</section>

</body>
</html>

```

3.2 CSS

```

*{
  padding: 0;
  margin: 0;
  box-sizing: border-box;
  outline: none; border: none;
  text-decoration: none !important;
  text-transform: capitalize;
  transition: all .2s linear;
}
:root{
  --blue:#071a2b;
  --hover:#0d385e;
  --black:#444;
  --border:.1rem solid rgba(0,0,0,.1);
  --border-hover:.1rem solid var(--black);
  --box-shadow: 0 .5rem 1rem #212529ab;;
}
.home{

```

```

    background-image:linear-gradient(rgba(0, 0, 0, 0.4), rgba(0, 0, 0,
0.5)),url(../img/bg1.jpg);
    height: 600px;
    background-attachment: fixed;
    background-repeat: no-repeat;
    background-size: cover;
    background-position: left;
}
ul li{
    list-style: none;
}
#featured, #contact, #about{
    padding: 5rem 11%;
}
.header1{
    background: #fff;
    padding: 1rem 9%;
    display: flex;
    align-items: center;
    justify-content: space-between;
}
.header1 .logo{
    font-size: 2rem;
    font-weight: bolder;
    color:#000;
}

#search-box{
    width:30rem;
    height: 3rem;
    display: flex;
    align-items: center;
    border: none;
}

.search-form{
    border-radius: 10px;
    border: solid 1px;
    overflow: hidden;
}
.search-form label{
    font-size: 1.7rem;
    padding-left: 1rem;
    color: #000;
}
.icons i,
.icons div{
    font-size: 1.7rem;

```

```

    color: #000;
    cursor: pointer;
}
.header2{
    background-color:var(--blue)
}
.navbar a{
    color: #000;
    text-decoration: none;
    padding:1rem;
    font-size: 1rem;
    color: #fff;
}
.header .header2.active{
    position: fixed;
    top:0; left:0; right: 0;
    z-index: 1000;
}
.login-form-container{
    background: rgba(255,255,255,.9);
    position: fixed;
    top: 0; right: -105%;
    z-index: 10000;
    height: 100%;
    width: 100%;
}
.login-form-container.active{
    right:0;
}
.login-form-container form{
    background: #fff;
    border: var(--border);
    width: 35rem;
    padding:1.5rem ;
    box-shadow: var(--box-shadow);
    border-radius: .5rem;
    margin:1.5rem;
}
.login-form-container form h3{
    font-size: 2.2rem;
    text-transform: uppercase;
    color: var(--black);
    text-align: center;
}
.login-form-container form span{
    display: block;

```

```

    font-size: 1rem;
    padding-top: 1rem;
}
.login-form-container form p{
    display: block;
    font-size: 1.5rem;
    padding-top: 1rem;
}
#login-btn{
    background-color: #071a2b;
    color: #fff;
    padding: .7rem 2rem;
}
.box{
    margin:.7rem 0;
    font-size: 1.3rem;
    border: var(--border);
    border-radius:.5rem;
    padding: 1rem 1.2rem;
    color: var(--black);
    text-transform: none;
    width: 100%;
    transform: none;
}
.checkbox{
    gap:.5rem;
    padding: 1rem 0;
}
.checkbox label{
    font-size: 1rem;
    cursor: pointer;
}
form .btn{
    margin: 1rem 0;
    display: inline-block;
    padding: .9rem 3rem;
    border-radius: .5rem;
    color: #fff;
    background-color: var(--blue);
    font-size: 1.5rem;
    cursor: pointer;
    font-weight:500;
}
form .btn:hover{
    background-color: var(--hover);
    color: #fff;
}
#close-login-btn{

```

```

    position: absolute;
    top: 1.5rem; right: 2.5rem;
    font-size: 3rem;
    color: var(--black);
    cursor: pointer;
}
.slider {
    width: 80%;
    margin: auto;
    height: auto;
}
.slider img {
    width: 100%;
    height: auto;
}
}
.content, .content a{
    flex-direction: column;
    color: #fff;
}
.content p{
    font-size: 1.2rem;
}
.btn2{
    border: 1px solid #fff;
    text-decoration: none;
    padding: .7rem 1.5rem;
    background-color: var(--blue);
    font-weight: 500;
    color: #fff;
}
.block {
    padding: 20px;
    margin: 10px;
    text-align: center;
}
.block i {
    font-size: 36px;
    margin-bottom: 10px;
}
.heading{
    margin-bottom: 2rem;
    position: relative;
}
.heading::before{
    content: '';
    position: absolute;
    top: 50%;left: 0;

```



```

    transform: translateY(-50%);
    width: 100%;
    height: .01rem;
    background: rgba(0,0,0,.1);
    z-index: -1;
  }
.heading span{
  font-size:2rem;
  padding: .5rem 2rem;
  color: var(--black);
  background: #fff;
  border: var(--border);
}
.content {
  display: flex;
  align-items: center;
}

.tekst p{
  text-transform: none!important;
}

#readMore, #readLess {
  color: rgb(144, 180, 228);
  cursor: pointer;
}
.blue{
  color: rgb(93, 140, 172);
}
.featured-slider .box{
  width: 25rem;
  margin: 2rem 0;
  position: relative;
  overflow: hidden;
  border: var(--border);
  align-items: center;
  flex-direction:column;
  padding-bottom: 0;
}
.featured-slider .box .image{
  padding: 1rem;
  background: linear-gradient(15deg, #eee 30%, #fff 30.1%);
  width: 25rem;
  display: flex;
  justify-content: center;
}
.featured-slider .box .image img{
  height: 15rem;

```

```

}
.btn3{
  color: #fff;
  background-color: var(--blue);
  padding: .7rem 1.1rem;
  font-size: 1rem;
  border-radius: 20px;
}
.featured-slider .box .icons{
  border-bottom: var(--border-hover);
  position: absolute;
  top:0;left:0;right:0;
  background: #fff;
  z-index: 1;
  transform: translateY(-100%);
  text-align: center;
}
.featured-slider .box .icons a{
  color: var(--black);
  font-size: 1.2rem;
  padding:1rem;
}
.featured-slider .box .content2{
  background: #eee;
  padding: 1.5rem;
  width: 25rem;
}
.content2{
  text-align: center;
}
.content2 h3{
  font-size: 1.4rem;
  color: var(--black);
}
.content2 .price{
  font-size: 1.3rem;
  color: var(--black);
  padding-top: 1rem;
}
.content2 .price span{
  font-size: 1rem;
  color: var(--black);
  text-decoration: line-through!important;
}
#form-container {
  width: 70%;

```

```

    margin: 0px auto;
    background-color: #fff;
    padding: 20px;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
.form-group {
    margin-bottom: 15px;
}
label {
    display: block;
    font-weight: bold;
}
input[type="text"],
#email,
textarea,
input[type="submit"] {
    width: calc(100% - 12px);
    padding: 8px;
    border-radius: 4px;
    border: 1px solid #ccc;
    text-transform: none;
}
.btn, .btn3 {
    width: calc(40% - 12px);
    padding: 8px;
    border-radius: 4px;
    border: 1px solid #ccc;
    text-transform: none;
}
.error-message {
    color: red;
    font-size: 0.9em;
    text-transform: none;
}
#background{
    background:linear-gradient(rgba(0, 0, 0, 0.4), rgba(0, 0, 0, 0.5)),
url(../img/background.jpg);
    height: 400px;
    background-attachment: fixed;
    background-repeat: no-repeat;
    background-size: cover;
}
/* author */
.authorBg {
    background-color: #e9e2e1;
    position: relative;

```

```

    height: 100vh;
    backdrop-filter: blur(10px);
}
#middle-author{
    background-color: #fff;
}
.homepage {
    position: absolute;
    top: 1.5rem;
    left: 1rem;
    font-size: 1.2rem;
    border: dashed 0.2rem;
    padding: 1px;
}
.homepage i{
    color: var(--blue);
}
#footer {
    background-color: var(--blue);
    padding: 20px 0;
    text-align: center;
    height: 180px;
}
.white-line {
    border: 1px solid #fff;
    margin: 20px 0;
}
#link-to-center {
    text-align: center;
    color: #fff;
}
#link-to-center a, .copy p{
    text-align: center;
    color: #fff;
}
#footer .container {
    display: flex;
    justify-content: space-between;
    align-items: center;
}
/* Stil za navigaciju */
.footer-nav {
    list-style: none;
    padding: 0;
    margin: 0;
}
.footer-nav li {
    display: inline-block;

```

```

        margin-right:18px ;
    }
    .footer-nav li:last-child {
        margin-right: 0;
    }
    .footer-nav a, .logo-futer{
        text-decoration: none;
        color: #fff;
        font-size: 20px;
    }
    .logo-futer a, .footer-nav li a{
        color: #fff;
        padding: 0.5rem;
    }
    /* Stil za ikonice društvenih mreža */
    #socialIcons {
        font-size: 24px;
    }
    #socialIcons i {
        margin-right: 15px;
        color: #fff;
        padding: 0.5rem;
    }
}

```

Media queries

```

/* media queries */
@media (max-width:1024px) {
    html{

```

```

        font-size: 85%;
    }
    .header1{
        padding: 2rem;
    }
    #form-container {
        width: 100%;
    }
}
@media (max-width:768px) {
    html{
        font-size: 75%;
    }
    #search-box{
        width:25rem;
    }
    .bg-photo{
        height: 500px;
    }
}
@media (max-width:620px) {
    #search-box{
        width:15rem;
    }
    .bg-photo{
        height: 400px;
    }
}
}

```

3.3 JS

```

window.onscroll = () =>{
    if(window.scrollY > 80){
        document.querySelector('.header .header2').classList.add('active');
    }
    else{
        document.querySelector('.header .header2').classList.remove('active');
    }
}

window.onload = () =>{
    if(window.scrollY > 80){
        document.querySelector('.header .header2').classList.add('active');
    }
}

```

```

    else{
        document.querySelector('.header .header2').classList.remove('active');
    }
}
//loginform start
let loginForm = document.querySelector('.login-form-container')
document.querySelector('#login-btn').onclick = () =>{
    loginForm.classList.toggle('active')
}
document.querySelector('#close-login-btn').onclick = () =>{
    loginForm.classList.toggle('active')
}
//loginform end

//navigation start
var navigationItems = [
    { title: 'Home', url: 'index.html' },
    { title: 'About', url: 'index.html#about' },
    { title: 'Featured', url: 'index.html#featured' },
    { title: 'Contact', url: 'index.html#contact' },
    { title: 'Author', url: 'author.html' }
];

function createNavigation() {
    var nav = document.getElementById('navbar');

    navigationItems.forEach(function(item) {
        var li = document.createElement('li');
        var a = document.createElement('a');
        a.textContent = item.title;
        a.href = item.url;
        li.appendChild(a);
        nav.appendChild(li);
    });
}
createNavigation();
//navigation end
// dynamic blocks start
var blocksData = [
    { title: 'Free Shipping', iconClass: 'fas', iconType: 'fa-truck-fast', text: 'Order over $100' },
    { title: 'Secure Payment', iconClass: 'fas', iconType: 'fa-lock', text: '100 secure payment' },
    { title: 'Easy Returns', iconClass: 'fas', iconType: 'fa-rotate-left', text: '10 days returns' },

```

```

    { title: '24/7 Support', iconClass: 'fas', iconType: 'fa-
headphones', text: 'Call us anytime' }
  ];

  function createBlocks() {
    var blocksContainer = document.getElementById('blocksContainer');

    blocksData.forEach(function(block) {
      var blockDiv = document.createElement('div');
      blockDiv.classList.add('col-12', 'block');
      blockDiv.classList.add('col-md-6');
      blockDiv.classList.add('col-lg-2');

      var iconElement = document.createElement('i');
      iconElement.classList.add(block.iconClass, block.iconType, 'mr-
3');

      var titleElement = document.createElement('h3');
      titleElement.textContent = block.title;

      var text = document.createElement('p');
      text.textContent = block.text;

      blockDiv.appendChild(iconElement);
      blockDiv.appendChild(titleElement);
      blockDiv.appendChild(text);
      blocksContainer.appendChild(blockDiv);
    });
  }

  createBlocks();

// dynamic blocks end
//read more/less
function prikaziDodatniTekst() {
  $('#dodatniTekst').show();
  $('#readMore').hide();
  $('#tekstNastavak').show();
}
function sakrijDodatniTekst() {
  $('#dodatniTekst').hide();
  $('#readMore').show();
  $('#tekstNastavak').hide();
}
//product slider start
let productsHTML = '';
const products = [{
  id: "12hshd-46fgjjs",

```



```

    image: 'assets/img/book1.jpeg',
    price: {
      priceCents: 1599,
      priceCents2: 2099
    },
  }, {
    id: "13hdhd-47fzzgs",
    image: 'assets/img/book2.jpeg',
    price: {
      priceCents: 1399,
      priceCents2: 1799
    },
  },
  {
    id: "14hfgd-48fggfss",
    image: 'assets/img/book3.jpeg',
    price: {
      priceCents: 1099,
      priceCents2: 1599
    },
  },
  {
    id: "15seerd-49ffgg",
    image: 'assets/img/book4.jpeg',
    price: {
      priceCents: 1799,
      priceCents2: 2299
    },
  },
  {
    id: "16hddsghd-50fhgs",
    image: 'assets/img/book5.jpeg',
    price: {
      priceCents: 1999,
      priceCents2: 2599
    },
  },
  {
    id: "17hghdhd-51fghgs",
    image: 'assets/img/book7.jpg',
    price: {
      priceCents: 1499,
      priceCents2: 1899
    },
  },
  {
    id: "18hghdhd-52dhhs",
    image: 'assets/img/book8.jpg',
    price: {
      priceCents: 1699,
      priceCents2: 1999
    },
  },

```

```

}
]
let listCarts = [];
products.forEach((product) => {
  productsHTML += `
    <div class="swiper-slide box d-flex ">
      <div class="icons">
        <a href="#" class="fas fa-search"></a>
        <a href="#" class="fas fa-heart"></a>
        <a href="#" class="fas fa-eye"></a>
      </div>
      <div class="image">
        
      </div>
      <div class="content2">
        <h3>featured books</h3>
        <div class="price pb-4">${product.price.priceCents / 100}
<span>${product.price.priceCents2 / 100}</span></div>
        <button class="btn3 js-add-to-cart" data-product-
id="${product.id}>Buy now</button>
      </div>
    </div>
  `;
})
document.querySelector('.js-products').innerHTML = productsHTML;
//product slider end
//sign-in form start
document.getElementById('signIn').addEventListener('submit',
function(event) {
  event.preventDefault();
  const userName = document.getElementById('login-name').value;
  const password = document.getElementById('pass').value;
  var isValid = true;
  var regUserName = /^(?=.*[a-z\d]{5,})$/;
if(!regUserName.test(userName)){
  document.getElementById('userNameError').textContent = "Username must
have minimal 5 characters(all lowercase) and at least one digit (0-9)";
  isValid = false;
}
else {
  document.getElementById('userNameError').textContent = "";
}
var regPass = /^(?=.*[0-9])[a-z\d]{8,}$/;
if(!regPass.test(password)){
  document.getElementById('passwordError').textContent = "Your password
must contain at least 8 characters, including only lowercase letters
and at least one digit (0-9).";
  isValid = false;
}

```

```

}
else {
    document.getElementById('passwordError').textContent = "";
}

    if (isValid) {
        // If valid, deleting values
        document.getElementById('login-name').value = '';
        document.getElementById('pass').value = '';
        document.getElementById('success-message').textContent =
"Successfully signed in!";
    }
});

//sign-in form end
//contact form start
document.getElementById('myForm').addEventListener('submit',
function(event) {
    event.preventDefault();
    const name = document.getElementById('name').value;
    const lastName = document.getElementById('last-name').value;
    const email = document.getElementById('email').value;
    const gender = document.querySelector('input[name="gender"]:checked');
    const message = document.getElementById('message').value;
    var isValid = true;
    var regName = /^[A-Z][a-z]{2,15}(\s[A-Z][a-z]{4,20})?$/;
    if (!regName.test(name)) {
        document.getElementById('nameError').textContent = "Name must
start with a capital and have minimal 3 letters!";
        isValid = false;
    } else {
        document.getElementById('nameError').textContent = "";
    }

    var regLastName = /^[A-Z][a-z]{2,15}(\s[A-Z][a-z]{4,20})?$/;
    if (!regLastName.test(lastName)) {
        document.getElementById('lastNameError').textContent = "Last name
must start with a capital and have minimal 3 letters!";
        isValid = false;
    } else {
        document.getElementById('lastNameError').textContent = "";
    }

    var SignUpReg = /^[a-z]{4,}[0-
9]*@(gmail\.com|yahoo\.com|ict\.edu\.rs)$/;
    if (!SignUpReg.test(email)) {
        document.getElementById('emailError').textContent = "Use
lowercase letters, without '.' and '@gmail.com' or @yahoo.com or
'@ict.edu.rs' at the end.";
    }
});

```

```

        isValid = false;
    } else {
        document.getElementById('emailError').textContent = "";
    }
    if (!gender || !gender.value) {
        document.getElementById('genderError').textContent = 'Please
select a gender';
        isValid = false;
    } else {
        document.getElementById('genderError').textContent = "";
    }
    if (message.length < 10) {
        document.getElementById('messageError').textContent = "Message
should be at least 10 characters long.";
        isValid = false;
    } else {
        document.getElementById('messageError').textContent = "";
    }
    if (isValid) {
        // If valid, deleting values
        document.getElementById('name').value = '';
        document.getElementById('last-name').value = '';
        document.getElementById('email').value = '';
        gender.checked = false;
        document.getElementById('message').value = '';
        document.getElementById('success-message2').textContent = "Form
successfully submitted!";
    }
});
//contact form end

//swiper-slide start
var swiper = new Swiper(".featured-slider", {
    spaceBetween:10,
    loop:true,
    centeredSlides: true,
    autoplay:{
        delay:9500,
        disableOnInteraction: false,
    },
    navigation: {
        nextEl: ".swiper-button-next",
        prevEl: ".swiper-button-prev",
    },
    breakpoints: {
        0: {
            slidesPerView: 1,

```

```

    },
    450: {
        slidesPerView: 2,

    },
    768: {
        slidesPerView: 3,

    },
    1024: {
        slidesPerView: 4,
    },

    },
    });
// swiper-slide end
//futer
var footerItems = [
    { title: 'Home', url: 'index.html' },
    { title: 'About', url: 'index.html#about' },
    { title: 'Featured', url: 'index.html#featured' },
    { title: 'Contact', url: 'index.html#contact' },
    { title: 'Author', url: 'author.html' }
];
function createFooter() {
    var footer = document.querySelector('#footer');
    var nav = document.getElementById('navigation');

    navigationItems.forEach(function(item) {
        var li = document.createElement('li');
        var a = document.createElement('a');
        a.textContent = item.title;
        a.href = item.url;
        li.appendChild(a);
        nav.appendChild(li);
    });
    var socialMediaIcons = ['facebook', 'twitter', 'instagram']; // Popis
društvenih mreža
    function createSocialIcons() {
        var socialIconsDiv = document.getElementById('socialIcons');

        socialMediaIcons.forEach(function(icon) {
            var iconElement = document.createElement('i');
            iconElement.classList.add('fab', 'fa-' + icon);

            var link = document.createElement('a');
            var socialUrl = '';

```

```

        if (icon === 'facebook') {
            socialUrl = 'https://www.facebook.com/';
        } else if (icon === 'twitter') {
            socialUrl = 'https://www.twitter.com/';
        } else if (icon === 'instagram') {
            socialUrl = 'https://www.instagram.com/';
        }

        link.href = socialUrl;
        link.target = '_blank';
        link.appendChild(iconElement);
        socialIconsDiv.appendChild(link);
    });
}

createSocialIcons();

iconDiv.appendChild(navigationUl);
}
createFooter();

```

jQuery

```

$(document).ready(function(){
    // Hover efekat za .logo
    $('.logo').hover(function(){
        $(this).css('color', 'rgb(34, 85, 129)');
    }, function(){
        $(this).css('color', '#000');
    });

    // Hover efekat za .search-form label
    $('.search-form label').hover(function(){
        $(this).css('color', 'rgb(34, 85, 129)');
    }, function(){
        $(this).css('color', '#000');
    });

    // Hover efekat za .icons i, .icons div
    $('.icons i, .icons div').hover(function(){
        $(this).css('color', 'rgb(34, 85, 129)');
    }, function(){
        $(this).css('color', '#000');
    });

    $(document).ready(function(){
        $('.navbar a').hover(function(){
            $(this).css('background', 'var(--hover)');

```

```

        }, function(){
            $(this).css('background', 'initial');
        });
    });
    $('input[type="submit"]').hover(function(){
        $(this).css({
            'background-color': 'var(--hover)',
            'color': '#fff'
        });
    }, function(){
        $(this).css({
            'background-color': 'var(--blue)',
            'color': '#fff'
        });
    });
    $(document).ready(function(){
        $('.btn2').hover(function(){
            $(this).css({
                'padding': '1rem 2rem',
                'background-color': 'var(--hover)',
                'font-size': '1.1rem'
            });
        }, function(){
            $(this).css({
                'padding': '',
                'background-color': '',
                'font-size': ''
            });
        });
    });
    $(document).ready(function(){
        // Dodavanje hover efekata za .block
        $('.block').hover(function(){
            $(this).css({
                'border-radius': '5%',
                'box-shadow': 'var(--box-shadow)',
                'background-color': 'rgb(235, 244, 255)'
            });
        }, function(){
            $(this).css({
                'border-radius': '',
                'box-shadow': '',
                'background-color': ''
            });
        });
    });
    $(document).ready(function(){
        // Dodavanje hover efekata za .featured-slider .box

```

```

        $('.featured-slider .box').hover(function(){
            $(this).css('border', 'var(--border-hover)');
        }, function(){
            $(this).css('border', '');
        });
    });
$(document).ready(function(){
    // Dodavanje hover efekata za .btn3
    $('.btn3').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});
$(document).ready(function(){
    // Dodavanje hover efekata za .btn3
    $('#login-btn').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});
$(document).ready(function(){
    $('.footer-nav li a').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});
$(document).ready(function(){
    $('.logo-futer a').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});
$(document).ready(function(){
    $('#socialIcons i').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});

```

```

$(document).ready(function(){
    $('.featured-slider .box').hover(function(){
        $(this).find('.icons').css('transform', 'translateY(0%)');
        $(this).find('.image').css('transform', 'translateY(4rem)');
    }, function(){

```



```

        $(this).find('.icons').css('transform', '');
        $(this).find('.image').css('transform', '');
    });
    $('.featured-slider .box .icons a').hover(function(){
        $(this).css({
            'background': 'var(--blue)',
            'color': '#fff'
        });
    }, function(){
        $(this).css({
            'background': '',
            'color': ''
        });
    });
});
$(document).ready(function() {
    var images = [
        'assets/img/about.jpg',
        'assets/img/about2.jpg',
        'assets/img/about3.jpg'
    ];
    var slider = $('.slider');
    $.each(images, function(index, image) {
        var slide = '<div></div>';
        slider.append(slide);
    });
    $(document).ready(function(){
        $('.slider').slick({
            slidesToShow: 1,
            slidesToScroll: 1,
            autoplay: true,
            autoplaySpeed: 2000,
        });
    });
});
});
});

```