Visoka škola za informacione i komunikacione tehnologije

Dokumentacija

https://delightful-sopapillas-9dc868.netlify.app

Student: Dušan Jovanović

Broj indeksa: 159/20

Smer: Internet Tehnologije

Modul: Web Programiranje

Predmet: Web Programiranje 2

Sadržaj

1.Uvod

1.1 Korišćene tehnologije:

HTML;

CSS;

Bootstrap;

Javascript;

JSON;

AJAX;

XML(sitemap)

1.2 Opis funkcionalnosti:

Funckionalnosti sajta su:
Dohvatanje podataka iz JSON fajlova;
Slanje AJAX zahteva za sve fajlove iz JSON-a;
Funkcije za dinamičko ispisivanje;
Dodate funkcionalnosti za filtriranje i sortiranje proizvoda po nazivu, ceni i kategoriji;
Obrada grešaka;
Uz pomoć local storage-a napravljena funckionalnost za dodavanje i uklanjanje proizvoda iz korpe.

2.Kodovi

2.1 Mapa sajta:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://delightful-sopapillas-9dc868.netlify.app/</loc>
    <lastmod>2023-03-09T01:06:40+00:00</lastmod>
    <priority>1.00</priority>
  </url>
  <url>
    <loc>https://delightful-sopapillas-9dc868.netlify.app/index.html</loc>
    <lastmod>2023-03-09T01:06:40+00:00</lastmod>
    <priority>0.80</priority>
  </url>
  <url>
    <loc>https://delightful-sopapillas-9dc868.netlify.app/about.html</loc>
    <lastmod>2023-03-09T01:06:40+00:00</lastmod>
    <priority>0.80</priority>
  </url>
  <url>
    <loc>https://delightful-sopapillas-9dc868.netlify.app/shop.html</loc>
    <lastmod>2023-03-09T01:06:40+00:00</lastmod>
    <priority>0.80</priority>
  </url>
  <url>
    <loc>https://delightful-sopapillas-9dc868.netlify.app/order-items.html</loc>
    <lastmod>2023-03-09T01:06:40+00:00</lastmod>
    <priority>0.80</priority>
  </url>
</urlset>
```

2.2 index.html:

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />
    <meta name="description" content="Cool Apparel | Just everything you were looking for" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="keywords" content="cool apparel, design, t-shirt, mug, pillow, cloth, bath mat" />
    <meta name="author" content="Dušan Jovanović" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="/assets/css/styles.css" type="text/css" />
    <link rel="icon" type="image/x-icon" href="assets/images/logo-icon.ico" />
    <link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css" />
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.3.0/font/bootstrap-icons.css" />
    <title>Cool Apparel | Home</title>
</head>

<body>
    <div class="loading-screen">
        <div class="loading-spinner"></div>
    </div>
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <div class="container px-4 px-lg-5">
            <a class="navbar-brand" href="index.html"><img id="logo" src="/assets/images/logo.png" alt="logo" /></a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
                data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false"
                aria-label="Toggle navigation"><span class="navbar-toggler-icon"></span></button>
            <div class="collapse navbar-collapse" id="navbarSupportedContent">
                <ul class="navbar-nav me-auto mb-2 mb-lg-0 ms-lg-4" id="text-center-responsive">
                    <li class="nav-item"><a class="nav-link active fs-5" aria-current="page" href="index.html">Home</a>
```

```html
                    </li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="about.html">About</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="shop.html">Shop</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="/Dokumentacija.pdf">Documentation</a></li>
                </ul>
                <form class="my-4 d-flex justify-content-center">
                    <a href="order-items.html" class="btn btn-outline-dark">
                        <i class="bi-cart-fill me-1"></i>
                        Cart
                        <span class="badge bg-dark text-white ms-1 rounded-pill"
id="productsNumberSpan">0</span>
                    </a>
                </form>
            </div>
        </div>
    </nav>
    <header class="py-5 background-color">
        <div class="container px-4 px-lg-5 my-5">
            <div class="text-center text-white">
                <h2 class="fw-bolder">Cool Apparel: Unique & Stylish Designs</h2>
                <p class="lead fw-normal text-white-50 mt-5">
                    Step up your style game with Cool Apparel! Browse our
collection of one-of-a-kind designs on
                    t-shirts, hats, mugs, pillows and other cool stuff. From
humorous to heartfelt,
                    we have the perfect design for you. Shop now and express
yourself in style!
                </p>
            </div>
        </div>
    </header>
    <main>
        <div id="slider">
            <div id="carouselExampleIndicators" class="carousel slide" data-bs-
ride="true">
                <div class="carousel-inner" id="sliderDiv">

                </div>
                <button class="carousel-control-prev" type="button" data-bs-
target="#carouselExampleIndicators"
                        data-bs-slide="prev">
```

```html
                    <span class="carousel-control-prev-icon" aria-
hidden="true"></span>
                    <span class="visually-hidden">Previous</span>
                </button>
                <button class="carousel-control-next" type="button" data-bs-
target="#carouselExampleIndicators"
                    data-bs-slide="next">
                    <span class="carousel-control-next-icon" aria-
hidden="true"></span>
                    <span class="visually-hidden">Next</span>
                </button>
            </div>
        </div>
        <div class="p-5 text-center" id="jumbotron">
            <div class="mask">
                <div class="d-flex justify-content-center align-items-center">
                    <div class="text-white">
                        <h4 class="mb-3">Unleash Your Cool with Cool Apparel's
Designer Collection</h4>
                        <p class="mb-3">"Discover the Creative Side of You with
Our One-of-a-Kind Designs for T-Shirts,
                            Mugs, Pillows, Hats and More!"</p>
                        <a class="btn btn-outline-light btn-lg" id="jumbotron-
button" href="/shop.html"
                            role="button">Shop now!</a>
                    </div>
                </div>
            </div>
        </div>

        <div class="modal" id="orderSuccessfullyCreatedModal" tabindex="-1"
role="dialog">
            <div class="modal-dialog text-center" role="document">
                <div class="modal-content">
                    <div class="modal-body p-0">
                        <div class="alert alert-success m-0" role="alert">
                            <p class="text-success font-weight-bold">You order is
sucessfully created!</p>
                        </div>
                    </div>
                </div>
            </div>
        </div>

        <div id="testimonial" class="container mt-5 mb-5">
```

```html
            <div id="testimonialsDiv" class="row g-2">

            </div>
        </div>
    </main>
    <footer class="footer">
        <div class="container">
            <div class="row">
                <div class="col-lg-3 col-md-6 col-sm-6">
                    <div class="footer-about">
                        <p>The Customer is at the heart of our unique bussiness
model, which include designs.</p>
                        <a href="/order-items.html"><img
src="/assets/images/payment.png" alt="payment" /></a>
                    </div>
                </div>
                <div class="col-lg-2 offset-lg-1 col-md-3 col-sm-6  d-flex
justify-content-center">
                    <div class="footer-widget">
                        <h6>Social Media</h6>
                        <ul id="socialMediaUl">

                        </ul>
                    </div>
                </div>
                <div class="col-lg-2  col-md-3 col-sm-6 d-flex justify-content-
center">
                    <div class="footer-widget">
                        <h6>Navigation</h6>
                        <ul id="navigationMenuUl">

                        </ul>
                    </div>
                </div>
                <div class="col-lg-3 offset-lg-1 col-md-6 col-sm-6 d-flex
justify-content-center">
                    <div class="footer-widget">
                        <h6>NewsLetter</h6>
                        <div class="footer-newslatter">
                            <p>Be the first to know about new arrivals &
promos!</p>
                            <form action="#">
                                <input type="text" placeholder="Your Email" />
```

```html
                                <button type="submit"><span><i class="fa fa-
envelope"></i></span></button>
                            </form>
                        </div>
                    </div>
                </div>
            </div>
            <div class="row">
                <div class="col-lg-12 text-center">
                    <div class="footer-copyright-text">
                        <p>Copyright &copy; 2024 All rights reserved <i
class="fa fa-heart-o"></i> by <a
                            href="#">Cool Apparel</a></p>
                    </div>
                </div>
            </div>
        </div>
    </footer>
    <script src="https://kit.fontawesome.com/8a4dd340f5.js"
crossorigin="anonymous"></script>
    <script src="assets/bootstrap/js/bootstrap.min.js"></script>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
    <script src="assets/js/main.js"></script>
</body>

</html>
```

2.3 about.html:

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no" />
    <meta name="description" content="Cool Apparel | Just everything you were
looking for" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta name="keywords" content="cool apparel, design, t-shirt, mug, pillow,
cloth, bath mat" />
    <meta name="author" content="Dušan Jovanović" />
    <link rel="stylesheet" href="/assets/css/styles.css" type="text/css" />
    <link rel="icon" type="image/x-icon" href="assets/images/logo-icon.ico" />
    <link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css" />
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.3.0/font/bootstrap-icons.css" />
    <title>Cool Apparel | About</title>
</head>

<body>
    <div class="loading-screen">
        <div class="loading-spinner"></div>
    </div>
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <div class="container px-4 px-lg-5">
            <a class="navbar-brand" href="index.html"><img id="logo"
src="/assets/images/logo.png" alt="logo" /></a>
            <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
                data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
                aria-label="Toggle navigation"><span class="navbar-toggler-
icon"></span></button>
            <div class="collapse navbar-collapse" id="navbarSupportedContent">
                <ul class="navbar-nav me-auto mb-2 mb-lg-0 ms-lg-4" id="text-
center-responsive">
                    <li class="nav-item"><a class="nav-link fs-5" aria-
current="page" href="index.html">Home</a></li>
```

```html
                    <li class="nav-item"><a class="nav-link  active fs-5"
href="about.html">About</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="shop.html">Shop</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="/Dokumentacija.pdf">Documentation</a></li>
                </ul>
                <form class="my-4 d-flex justify-content-center">
                    <a href="order-items.html" class="btn btn-outline-dark">
                        <i class="bi-cart-fill me-1"></i>
                        Cart
                        <span class="badge bg-dark text-white ms-1 rounded-pill"
id="productsNumberSpan">0</span>
                    </a>
                </form>
            </div>
        </div>
    </nav>
    <main>
        <section class="section about-section gray-bg" id="about">
            <div class="container">
                <div class="row align-items-center flex-row-reverse mx-4">
                    <div class="col-lg-6">
                        <div class="about-text go-to">
                            <h3 class="dark-color">Dušan Jovanović</h3>
                            <h6 class="theme-color lead my-4">Student of "Visoka
ICT Škola" on "Internet Technology"
                                department </h6>
                            <p>I <mark>design and develop</mark> services for
customers of all sizes, specializing in
                                creating stylish, modern websites, web services
and online stores. My passion is to
                                design digital user experiences through the bold
interface and meaningful interactions.
                            </p>
                            <div class="row about-list">
                                <div class="col-md-6">
                                    <div class="media">
                                        <label>Birthday</label>
                                        <p>29.01.1999</p>
                                    </div>
                                    <div class="media">
                                        <label>Age</label>
                                        <p>25 Yr</p>
                                    </div>
```

```html
                        <div class="media">
                            <label>Residence</label>
                            <p>Belgrade, Serbia</p>
                        </div>
                    </div>
                    <div class="col-md-6">
                        <div class="media">
                            <label>E-mail</label>
                            <p>dusan.jovanovic.159.20@ict.edu.rs</p>
                        </div>
                        <div class="media">
                            <label>Phone</label>
                            <p>064-11-69-607</p>
                        </div>
                    </div>
                </div>
            </div>
        </div>
        <div class="col-lg-6">
            <div class="about-avatar">
                <img src="/assets/images/about.jpg" class="w-50
rounded-2" alt="about" />
            </div>
        </div>
    </div>
</div>
    </section>
</main>
<footer class="footer">
    <div class="container">
        <div class="row">
            <div class="col-lg-3 col-md-6 col-sm-6">
                <div class="footer-about">
                    <p>The Customer is at the heart of our unique bussiness
model, which include designs.</p>
                    <a href="#"><img src="/assets/images/payment.png"
alt="payment" /></a>
                </div>
            </div>
            <div class="col-lg-2 offset-lg-1 col-md-3 col-sm-6  d-flex
justify-content-center">
                <div class="footer-widget">
                    <h6>Social Media</h6>
                    <ul id="socialMediaUl">
```

```html
                        </ul>
                    </div>
                </div>
                <div class="col-lg-2  col-md-3 col-sm-6 d-flex justify-content-
center">
                    <div class="footer-widget">
                        <h6>Navigation</h6>
                        <ul id="navigationMenuUl">

                        </ul>
                    </div>
                </div>
                <div class="col-lg-3 offset-lg-1 col-md-6 col-sm-6 d-flex
justify-content-center">
                    <div class="footer-widget">
                        <h6>NewsLetter</h6>
                        <div class="footer-newslatter">
                            <p>Be the first to know about new arrivals &
promos!</p>

                            <form action="#">
                                <input type="text" placeholder="Your Email" />
                                <button type="submit"><span><i class="fa fa-
envelope"></i></span></button>
                            </form>
                        </div>
                    </div>
                </div>
            </div>
            <div class="row">
                <div class="col-lg-12 text-center">
                    <div class="footer-copyright-text">
                        <p>Copyright &copy; 2024 All rights reserved <i
class="fa fa-heart-o"></i> by <a
                                href="#">Cool Apparel</a></p>
                    </div>
                </div>
            </div>
        </div>
    </footer>
    <script src="https://kit.fontawesome.com/8a4dd340f5.js"
crossorigin="anonymous"></script>
    <script src="assets/bootstrap/js/bootstrap.min.js"></script>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
    <script src="assets/js/main.js"></script>
```

```
</body>

</html>
```

2.4 shop.html:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no" />
    <meta name="description" content="Cool Apparel | Just everything you were
looking for" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta name="keywords" content="cool apparel, design, t-shirt, mug, pillow,
cloth, bath mat" />
    <meta name="author" content="Dušan Jovanović" />
    <link rel="stylesheet" href="/assets/css/styles.css" type="text/css" />
    <link rel="icon" type="image/x-icon" href="assets/images/logo-icon.ico" />
    <link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css" />
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.3.0/font/bootstrap-icons.css" />
    <title>Cool Apparel | Shop</title>
</head>

<body>
    <div class="loading-screen">
        <div class="loading-spinner"></div>
    </div>
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <div class="container px-4 px-lg-5">
            <a class="navbar-brand" href="index.html"><img id="logo"
src="/assets/images/logo.png" alt="logo" /></a>
            <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
                data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
                aria-label="Toggle navigation"><span class="navbar-toggler-
icon"></span></button>
            <div class="collapse navbar-collapse" id="navbarSupportedContent">
```

```html
                <ul class="navbar-nav me-auto mb-2 mb-lg-0 ms-lg-4" id="text-
center-responsive">
                    <li class="nav-item"><a class="nav-link fs-5" aria-
current="page" href="index.html">Home</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="about.html">About</a></li>
                    <li class="nav-item"><a class="nav-link active fs-5"
href="shop.html">Shop</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="/Dokumentacija.pdf">Documentation</a></li>
                </ul>
                <form class="my-4 d-flex justify-content-center">
                    <a href="order-items.html" class="btn btn-outline-dark">
                        <i class="bi-cart-fill me-1"></i>
                        Cart
                        <span class="badge bg-dark text-white ms-1 rounded-pill"
id="productsNumberSpan">0</span>
                    </a>
                </form>
            </div>
        </div>
    </nav>
    <div class="container mt-4">
        <div class="panel panel-default">
            <div class="panel-heading p-5">
                <h3 class="panel-title text-white">Filter Products:</h3>
            </div>
            <div class="panel-body p-5">
                <div class="form-group">
                    <label class="span text-white" for="sort-by">
                        Sort By:
                    </label>
                    <select class="form-control" id="sort-by">
                        <option value="noSort">No Sorting</option>
                        <option value="priceAsc">Price: Low to High</option>
                        <option value="priceDesc">Price: High to Low</option>
                        <option value="nameAsc">Name: A to Z</option>
                        <option value="nameDesc">Name: Z to A</option>
                    </select>
                </div>
                <div class="form-group">
                    <label class="span text-white" for="category-filter">
                        Category:
                    </label>
                    <select class="form-control" id="category-filter">
```

```html
                            <option>All Categories</option>
                            <option>Accessories</option>
                            <option>Clothing</option>
                        </select>
                    </div>
                    <div class="form-group">
                        <label class="span text-white" for="rating-filter">
                            Minimum Rating:
                        </label>
                        <select class="form-control" id="rating-filter">
                            <option value="0">Any Rating</option>
                            <option value="5">5 Stars</option>
                            <option value="4">4 Stars & Up</option>
                            <option value="3">3 Stars & Up</option>
                            <option value="2">2 Star & Up</option>
                        </select>
                    </div>
                </div>
            </div>
        </div>
    <section class="py-5">
        <div class="container px-4 px-lg-5 mt-5">

            <div id="shopItemsDiv"
                class="row gx-4 gx-lg-5 row-cols-2 row-cols-md-3 row-cols-xl-4
justify-content-center">

            </div>
        </div>
    </section>

    <div class="modal" id="addedToCartModal" tabindex="-1" role="dialog">
        <div class="modal-dialog text-center" role="document">
            <div class="modal-content">
                <div class="modal-body p-0">
                    <div class="alert alert-success m-0" role="alert">
                        <p class="text-success font-weight-bold">Product
sucessfully added to cart!</p>
                        <p id="productAddedToCartName"></p>
                    </div>
                </div>
            </div>
        </div>
    </div>
```

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```html
<footer class="footer">
    <div class="container">
        <div class="row">
            <div class="col-lg-3 col-md-6 col-sm-6">
                <div class="footer-about">
                    <p>The Customer is at the heart of our unique bussiness
model, which include designs.</p>
                    <a href="/order-items.html"><img
src="/assets/images/payment.png" alt="payment" /></a>
                </div>
            </div>
            <div class="col-lg-2 offset-lg-1 col-md-3 col-sm-6  d-flex
justify-content-center">
                <div class="footer-widget">
                    <h6>Social Media</h6>
                    <ul id="socialMediaUl">

                    </ul>
                </div>
            </div>
            <div class="col-lg-2  col-md-3 col-sm-6 d-flex justify-content-
center">
                <div class="footer-widget">
                    <h6>Navigation</h6>
                    <ul id="navigationMenuUl">

                    </ul>
                </div>
            </div>
            <div class="col-lg-3 offset-lg-1 col-md-6 col-sm-6 d-flex
justify-content-center">
                <div class="footer-widget">
                    <h6>NewsLetter</h6>
                    <div class="footer-newslatter">
                        <p>Be the first to know about new arrivals &
promos!</p>
                        <form action="#">
                            <input type="text" placeholder="Your Email" />
                            <button type="submit"><span><i class="fa fa-
envelope"></i></span></button>
                        </form>
                    </div>
                </div>
            </div>
        </div>
```

```
            <div class="row">
                <div class="col-lg-12 text-center">
                    <div class="footer-copyright-text">
                        <p>Copyright &copy; 2024 All rights reserved <i
class="fa fa-heart-o"></i> by <a
                            href="#">Cool Apparel</a></p>
                    </div>
                </div>
            </div>
        </div>
    </footer>
    <script src="https://kit.fontawesome.com/8a4dd340f5.js"
crossorigin="anonymous"></script>
    <script src="assets/bootstrap/js/bootstrap.min.js"></script>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
    <script src="assets/js/main.js"></script>
</body>

</html>
```

2.5 order-items.html:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no" />
    <meta name="description" content="Cool Apparel | Just everything you were
looking for" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta name="keywords" content="cool apparel, design, t-shirt, mug, pillow,
cloth, bath mat" />
    <meta name="author" content="Dušan Jovanović" />
    <link rel="stylesheet" href="/assets/css/styles.css" type="text/css" />
    <link rel="icon" type="image/x-icon" href="assets/images/logo-icon.ico" />
    <link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css" />
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.3.0/font/bootstrap-icons.css" />
    <title>Cool Apparel | Order items</title>
</head>
```

```
<body>
    <div class="loading-screen">
        <div class="loading-spinner"></div>
    </div>
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <div class="container px-4 px-lg-5">
            <a class="navbar-brand" href="index.html"><img id="logo"
src="/assets/images/logo.png" alt="logo" /></a>
            <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
                data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
                aria-label="Toggle navigation"><span class="navbar-toggler-
icon"></span></button>
            <div class="collapse navbar-collapse" id="navbarSupportedContent">
                <ul class="navbar-nav me-auto mb-2 mb-lg-0 ms-lg-4" id="text-
center-responsive">
                    <li class="nav-item"><a class="nav-link fs-5" aria-
current="page" href="index.html">Home</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="about.html">About</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="shop.html">Shop</a></li>
                    <li class="nav-item"><a class="nav-link fs-5"
href="/Dokumentacija.pdf">Documentation</a></li>
                </ul>
                <form class="my-4 d-flex justify-content-center">
                    <a href="order-items.html" class="btn btn-outline-dark">
                        <i class="bi-cart-fill me-1"></i>
                        Cart
                        <span class="badge bg-dark text-white ms-1 rounded-pill"
id="productsNumberSpan">0</span>
                    </a>
                </form>
            </div>
        </div>
    </nav>
    <section>
        <div class="container">
            <h2 class="mt-5 text-white text-center">Order Items:</h2>
            <section>
                <div class="container px-4 px-lg-5 mt-5">
                    <div id="shopItemsDiv"
```

```html
                            class="row gx-4 gx-lg-5 row-cols-2 row-cols-md-3 row-
cols-xl-4 justify-content-center">
                        </div>
                </div>

        </section>
        <form>
            <div class="row m-5">
                <div class="col-md-6">
                    <div class="form-group">
                        <label class="span text-white" for="name">
                            Name:
                        </label>
                        <input type="text" class="form-control" id="name"
placeholder="Enter Your Name" />
                    </div>

                    <div class="form-group">
                        <label class="pan text-white" for="last-name">
                            Last Name:
                        </label>
                        <input type="text" class="form-control" id="last-
name" placeholder="Enter Your Last Name" />
                    </div>

                    <div class="form-group">
                        <label class="pan text-white" for="email">
                            Email address:
                        </label>
                        <input type="email" class="form-control" id="email"
aria-describedby="emailHelp"
                            placeholder="Enter email" />
                        <small id="emailHelp" class="form-text text-muted
span text-white-50">
                            We'll never share your email with anyone else.
                        </small>
                    </div>

                    <div class="form-group">
                        <label class="span text-white" for="phone">
                            Phone Number:
                        </label>
                        <input type="tel" class="form-control" id="phone"
placeholder="Enter Your Phone Number" />
                    </div>
```

```html
                        <div class="form-group">
                            <label class="span text-white" for="address">
                                Address:
                            </label>
                            <textarea class="form-control" id="address" rows="3"
                                placeholder="Enter Your Address"></textarea>
                        </div>
                    </div>
                    <div class="col-md-6">
                        <div class="form-group">

                            <label class="span text-white" for="credit-card-
number">

                                Credit Card Number:
                            </label>
                            <input type="tel" class="form-control" id="credit-
card-number"

                                placeholder="Enter Your Credit Card Number" />
                        </div>

                        <div class="form-group">
                            <div class="text-white">Payment Method:</div>
                            <div class="form-check">
                                <input class="form-check-input" type="radio"
name="payment-method" id="debit-card"
                                    value="Debit Card" />
                                <label class="form-check-label" for="debit-
card"><span class="text-white">Debit
                                        Card</span></label>
                            </div>
                            <div class="form-check">
                                <input class="form-check-input" type="radio"
name="payment-method" id="paypal"
                                    value="paypal" />
                                <span class="text-white"><label class="form-
check-label"

                                        for="paypal"></label>PayPal</span>

                            </div>
                        </div>
                        <div class="form-group form-check m-4">
                            <input type="checkbox" class="form-check-input"
id="agree-to-rules" />
```

```html
                                    <label class="form-check-label" for="agree-to-
rules">I agree to the terms and conditions as
                                    set out by the user agreement</label>
                            </div>
                            <div class="form-group justify-content-center d-flex">
                                <button type="button" class="btn btn-primary" data-
bs-toggle="modal"
                                    data-bs-target="#exampleModal"
onclick="orderNow()">
                                    Place Order
                                </button>
                                <button class="btn btn-primary m-3"
onclick="removeCart()">Remove All Items From
                                    Cart</button>
                                <h3 class="text-white">Total: $<span class="text-
white" id="totalSpan">0</span></h3>
                            </div>
                        </div>
                    </div>
                </form>
            </div>
        </section>
        <footer class="footer">
            <div class="container">
                <div class="row">
                    <div class="col-lg-3 col-md-6 col-sm-6">
                        <div class="footer-about">
                            <p>The Customer is at the heart of our unique bussiness
model, which include designs.</p>
                            <a href="#"><img src="/assets/images/payment.png"
alt="payment" /></a>
                        </div>
                    </div>
                    <div class="col-lg-2 offset-lg-1 col-md-3 col-sm-6  d-flex
justify-content-center">
                        <div class="footer-widget">
                            <h6>Social Media</h6>
                            <ul id="socialMediaUl">

                            </ul>
                        </div>
                    </div>
                    <div class="col-lg-2  col-md-3 col-sm-6 d-flex justify-content-
center">
                        <div class="footer-widget">
```

```html
                <h6>Navigation</h6>
                <ul id="navigationMenuUl">

                </ul>
            </div>
        </div>
        <div class="col-lg-3 offset-lg-1 col-md-6 col-sm-6 d-flex
justify-content-center">
            <div class="footer-widget">
                <h6>NewsLetter</h6>
                <div class="footer-newslatter">
                    <p>Be the first to know about new arrivals &
promos!</p>
                    <form action="#">
                        <input type="text" placeholder="Your Email" />
                        <button type="submit"><span><i class="fa fa-
envelope"></i></span></button>

                    </form>
                </div>
            </div>
        </div>
    </div>
    <div class="row">
        <div class="col-lg-12 text-center">
            <div class="footer-copyright-text">
                <p>Copyright &copy; 2024 All rights reserved <i
class="fa fa-heart-o"></i> by <a
                    href="#">Cool Apparel</a></p>
            </div>
        </div>
    </div>
    </div>
    </footer>

    <!-- Modal -->
    <div class="modal fade" id="exampleModal" tabindex="-1" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <h1 class="modal-title fs-5" id="modalTitleH1"></h1>
                    <button type="button" class="btn-close" data-bs-
dismiss="modal" aria-label="Close"></button>
                </div>
                <div class="modal-body" id="modalBodyDiv">
```

```html
            </div>
            <div class="modal-footer">
                <button type="button" class="btn btn-primary" data-bs-dismiss="modal" id="placeOrderButton"
                        onclick="order()">Place Order</button>
            </div>
        </div>
    </div>
</div>

    <script src="https://kit.fontawesome.com/8a4dd340f5.js" crossorigin="anonymous"></script>
    <script src="assets/bootstrap/js/bootstrap.min.js"></script>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
    <script src="assets/js/main.js"></script>
</body>

</html>
```

2.6 navigation-footer.json:

```json
[
    {
        "id": 1,
        "url": "index.html",
        "icon": "fas fa-home fa-lg",
        "text": "Home"
    },
    {
        "id": 2,
        "url": "about.html",
        "icon": "far fa-address-card fa-lg",
        "text": "About"
    },
    {
        "id": 3,
        "url": "shop.html",
        "icon": "fas fa-shopping-cart fa-lg",
        "text": "Shop"
    },
    {
        "id": 4,
```

```json
        "url": "Dokumentacija.pdf",
        "icon": "fas fa-book fa-lg",
        "text": "Documentation"
    }
]
```

2.7 products.json:

```json
[
    {
        "id": 1,
        "title": "24/7 Places Spiral Notebook",
        "category": "Accessories",
        "image": "/assets/images/Product1.png",
        "price": "20.00",
        "link": "order-items.html"
    },
    {
        "id": 2,
        "title": "Tasty Food Clock",
        "category": "Accessories",
        "image": "/assets/images/Product2.png",
        "price": "18.00",
        "oldPrice": "20.00",
        "link": "order-items.html",
        "rating": "5"
    },
    {
        "id": 3,
        "title": "Cat-A-Bunga Coasters",
        "category": "Accessories",
        "badge": "Sale",
        "image": "/assets/images/Product3.png",
        "price": "25.00",
        "oldPrice": "50.00",
        "link": "order-items.html"
    },
    {
        "id": 4,
        "title": "Crying Dog Classic T-shirt",
        "category": "Clothing",
        "image": "/assets/images/Product4.png",
        "price": "40.00",
        "link": "order-items.html",
```

```
        "rating": "4"
    },
    {
        "id": 5,
        "title": "Gray Cat Baseball Cap",
        "category": "Clothing",
        "badge": "Sale",
        "image": "/assets/images/Product5.png",
        "price": "25.00",
        "oldPrice": "30.00",
        "link": "order-items.html"
    },
    {
        "id": 6,
        "title": "Happy Mushroom Mug",
        "category": "Accessories",
        "image": "/assets/images/Product6.png",
        "price": "15.00",
        "link": "order-items.html"
    },
    {
        "id": 7,
        "title": "Heart & Brain Mouse Pad",
        "category": "Accessories",
        "badge": "Sale",
        "image": "/assets/images/Product7.png",
        "price": "18.00",
        "oldPrice": "20.00",
        "link": "order-items.html",
        "rating": "5"
    },
    {
        "id": 8,
        "title": "Kitty Cat Mat",
        "category": "Accessories",
        "image": "/assets/images/Product8.png",
        "price": "15.00",
        "link": "order-items.html",
        "rating": "2"
    },
    {
        "id": 9,
        "title": "Llama Bath Mat",
        "category": "Accessories",
        "image": "/assets/images/Product9.png",
```

```json
        "price": "40.00",
        "link": "order-items.html",
        "rating": "5"
    },
    {

        "id": 10,
        "title": "Nao Magnet",
        "category": "Accessories",
        "image": "/assets/images/Product10.png",
        "price": "10.00",
        "link": "order-items.html",
        "rating": "5"
    },
    {

        "id": 11,
        "title": "Stinky Sneaker Laptop Skin",
        "category": "Accessories",
        "image": "/assets/images/Product11.png",
        "price": "30.00",
        "link": "order-items.html",
        "rating": "3"
    },
    {

        "id": 12,
        "title": "Stonks Water Bottle",
        "category": "Accessories",
        "image": "/assets/images/Product12.png",
        "price": "20.00",
        "link": "order-items.html",
        "rating": "5"
    },
    {

        "id": 13,
        "title": "Arisa Throw Pillow",
        "category": "Accessories",
        "image": "/assets/images/Product13.png",
        "price": "22.00",
        "link": "order-items.html",
        "rating": "4"
    },
    {

        "id": 14,
        "title": "Ninja Backpack",
        "category": "Accessories",
        "image": "/assets/images/Product14.png",
```

```
        "price": "32.00",
        "link": "order-items.html",
        "rating": "1"
    },
    {
        "id": 15,
        "title": "Teddy Bear",
        "category": "Clothing",
        "image": "/assets/images/Product15.png",
        "price": "14.00",
        "link": "order-items.html",
        "rating": "3"
    },
    {
        "id": 16,
        "title": "Dont let it slide Tote Bag",
        "category": "Accessories",
        "image": "/assets/images/Product16.png",
        "price": "14.00",
        "link": "order-items.html",
        "rating": "2"
    }
]
```

2.8 slider.json:

```
[
    {
        "id": 1,
        "src": "/assets/images/slider1.png",
        "alt": "slide1"
    },
    {
        "id": 2,
        "src": "/assets/images/slider2.png",
        "alt": "slide2"
    },
    {
        "id": 3,
        "src": "/assets/images/slider3.png",
        "alt": "slide3"
    }
]
```

2.9 social-media-footer.json:

```json
[
    {
        "id": 1,
        "class" : "text-primary",
        "href": "https://www.facebook.com/",
        "text": "Facebook",
        "icon": "fab fa-facebook-f fa-lg"
    },
    {
        "id": 2,
        "class" : "text-info",
        "href": "https://www.twitter.com/",
        "text": "Twitter",
        "icon": "fab fa-twitter fa-lg"
    },
    {
        "id": 3,
        "class" : "text-warning",
        "href": "https://www.google.com/",
        "text": "Google",
        "icon": "fab fa-google fa-lg"
    },
    {
        "id": 4,
        "class" : "text-danger",
        "href": "https://www.instagram.com/",
        "text": "Instagram",
        "icon": "fab fa-instagram fa-lg"
    }
]
```

2.9.1 tesimonial.json:

```json
[
    {
        "id": 1,
        "name": "Emma Thompson",
        "position": "Marketing Manager",
        "image": "/assets/images/testimonial1.png",
        "alt": "testimonial1",
```

```
        "text": "Our cool apparel website is more than just a clothing store,
it's a lifestyle. We believe in empowering individuals to express themselves
through fashion and make a statement with their style. With our exclusive designs
and high-quality materials, you'll be the talk of the town!"
    },
    {
        "id": 2,
        "name": "Aria Jackson",
        "position": "Fashion Designer",
        "image": "/assets/images/testimonial2.png",
        "alt": "testimonial2",
        "text": "As a passionate fashion designer, I am always on the lookout for
new and innovative ways to express my creativity. That's why I was thrilled to
come across the cool apparel website, which is selling the most cutting-edge
designs in the industry. From bold graphic tees to statement jackets, this site
has it all. I am so excited to see where my next creative inspiration will take
me, thanks to this amazing resource!"
    },
    {
        "id": 3,
        "name": "Emma Johnson",
        "position": "Cool Apparel Enthusiast",
        "image": "/assets/images/testimonial3.png",
        "alt": "testimonial3",
        "text": "As a fashion-forward individual, I am always on the lookout for
the latest and greatest in trendy designs. That's why I was beyond excited to
discover the cool apparel website, with its wide selection of unique and eye-
catching pieces. From graphic tees to statement accessories, this site has
everything I need to up my style game and stand out from the crowd. I can't
recommend it enough for anyone looking to add some edge to their wardrobe!"
    }
]
```

2.9.2 main.js:

```javascript
let products = [];

window.addEventListener('load', function () {
    // jQuery efekti
    document.querySelector('.loading-screen').style.display = "none";
    $('h2, h5, p').hide().delay(500).fadeIn(2000).delay(5000);
    $('a, button').hover(function () {
        $(this).css('transform', 'scale(1.1)');
    }, function () {
```

```javascript
        $(this).css('transform', 'scale(1)');
    });
    $('.about-avatar img').animate({
        opacity: '0.3'
    }, 1000);
    $('.about-avatar img').animate({
        opacity: '1'
    }, 1000);
    $('.carousel-inner img').animate({
        opacity: '0.3'
    }, 1000);
    $('.carousel-inner img').animate({
        opacity: '1'
    }, 1000);

    if (window.location.pathname == "/order-items.html" ||
window.location.pathname == "/order-items") {
        fetchData("products", populateCart);
    }

    if (window.location.pathname == "/index.html" || window.location.pathname ==
"/") {
        let showSuccessfullOrderModal =
localStorage.getItem('showSuccessfullOrderModal');
        if (showSuccessfullOrderModal) {
            $('#orderSuccessfullyCreatedModal').modal('show');
            localStorage.clear();
        }

        fetchData("slider", populateSlider);
        fetchData("testimonials", populateReviews);
    }

    if (window.location.pathname == "/shop.html" || window.location.pathname ==
"/shop") {
        fetchData("products", populateShop);
    }

    fetchData("social-media-footer", populateSocialMedia);
    fetchData("navigation-footer", populateNavigationFooter);

    // Filtriranje i sortiranje
    $("#category-filter").change(() => {
        fetchData("products", populateShop);
    })
```

```javascript
    $("#rating-filter").change(() => {
        fetchData("products", populateShop);
    })
    $("#sort-by").change(() => {
        fetchData("products", populateShop);
    })

    refreshProductNumber();
});

// Ova funkcija koristi AJAX zahtev kako bi dobavila podatke iz JSON fajla na
serveru
function fetchData(fileName, callback) {
    $.ajax({
        url: "assets/json/" + fileName + ".json",
        method: "get",
        datatype: "json",
        success: function (data) {
            callback(data);
        },
        error: function (xhr) { console.log(xhr); }
    })
}

// Ova funkcija generiše HTML kod za pravljenje slajdera sa proizvodima
function populateSlider(products) {
    let sliderDiv = document.getElementById("sliderDiv");
    sliderDiv.innerHTML = products.map(product =>
        `<div class="carousel-item ${products[0] == product ? "active" : " "}">
            <img src="${product.src}" class="d-block w-100" alt="${product.alt}"
/>
        </div> `).join(" ");


}

// Funkcija koja generiše HTML kod za prikazivanje testimonijala
function populateReviews(testimonials) {
    let testimonialsDiv = document.getElementById("testimonialsDiv")
    testimonialsDiv.innerHTML = testimonials.map(testimonial => `<div class="col-
md-4">
    <div class="card p-3 text-center px-4">
        <div class="user-image">
            <img src="${testimonial.image}" alt="${testimonial.alt}" class="full-
circle" />
        </div>
```

```
        <div class="user-content">
            <h5 class="mb-0">${testimonial.name}</h5>
            <span>${testimonial.position}</span>
            <p>${testimonial.text}</p>
        </div>
    </div>
</div>`).join(" ");

}

// Funkcija koja generiše HTML kod za prikazivanje ikona društvenih mreža
function populateSocialMedia(socialMedias) {
    let socialMediaUl = document.getElementById("socialMediaUl");
    socialMediaUl.innerHTML = socialMedias.map(socialMedia => `<li><a
class="${socialMedia.class}" id="${socialMedia.id}" href="${socialMedia.href}"
role="button"><i
                                                            class="${socialMe
dia.icon}"></i> ${socialMedia.text}</a></li>`).join(" ");
}

// Funkcija koja generiše HTML kod za prikazivanje stavki navigacionog menija u
podnožju stranice
function populateNavigationFooter(navigationFooterItems) {
    let navigationMenuUl = document.getElementById("navigationMenuUl");
    navigationMenuUl.innerHTML = navigationFooterItems.map(navigationFooterItem
=> `<li><a href="${navigationFooterItem.url}"><i
class="${navigationFooterItem.icon}"></i> ${navigationFooterItem.text}</a></
li>`).join(" ")
}

// Funkcija koja generiše HTML kod za prikazivanje liste proizvoda u prodavnici
function populateShop(shopItems) {
    products = shopItems;

    let shopItemsDiv = document.getElementById("shopItemsDiv")
    let category = document.getElementById("category-filter").value
    let rating = document.getElementById("rating-filter").value
    let sortBy = document.getElementById("sort-by").value
    shopItemsDiv.innerHTML = shopItems
        .filter(shopItem => (category == shopItem.category || category == "All
Categories") && (rating == 0 || rating <= shopItem.rating))
        .sort((a, b) => sortBy == "priceAsc" ? (a.price - b.price) :
            sortBy == "priceDesc" ? (b.price - a.price) :
                sortBy == "nameAsc" ? a.title.localeCompare(b.title) :
                    sortBy == "nameDesc" ? b.title.localeCompare(a.title) :
```

```
                            0)
        .map(shopItem => `<div class="col mb-5">
    <div class="card h-100">
        ${shopItem.badge ? `<div class="badge bg-dark text-white position-
absolute">${shopItem.badge}</div>` : " "}
        <img class="card-img-top" src="${shopItem.image}" alt="Product2" />
        <div class="card-body p-4">
            <div class="text-center">
                <h5 class="fw-bolder">${shopItem.title}</h5>
                <div class="d-flex justify-content-center small text-warning mb-
2">
                ${`<div class="bi-star-fill"></div>`.repeat(shopItem.rating)
            }

                </div>
                <span class="text-muted text-decoration-line-
through">${shopItem.oldPrice ? "$" + shopItem.oldPrice : " "}</span>
                ${"$"}${shopItem.price}
            </div>
        </div>
        <div class="card-footer p-4 pt-0 border-top-0 bg-transparent">
            <div class="text-center">
            <a class="btn btn-outline-dark mt-auto"
onclick="addToCart(${shopItem.id})">Add
                    to cart</a>
            </div>
        </div>
    </div>
</div>` ).join(" ");
}

// Funkcija koja dodaje proizvod u korpu
function addToCart(idProizvoda) {
    let product = products.find(x => x.id == idProizvoda);

    if (product) {
        $('#productAddedToCartName').text(product.title);
        $('#addedToCartModal').modal('show');

    }

    let cart = JSON.parse(localStorage.getItem("cart"));

    if (!cart) {
        cart = [idProizvoda];
```

```javascript
    } else {
        cart.push(idProizvoda);
    }
    localStorage.setItem("cart", JSON.stringify(cart));
    refreshProductNumber()
}

// Funkcija koja ažurira broj proizvoda prikazanih u korpi
function refreshProductNumber() {
    let cart = JSON.parse(localStorage.getItem("cart"));
    let productsNumber = cart ? cart.length : 0;
    document.getElementById("productsNumberSpan").innerHTML = productsNumber;
}

// Funkcija koja generiše HTML kod za prikazivanje proizvoda u korpi
function populateCart(shopItems) {
    let shopItemsDiv = document.getElementById("shopItemsDiv");
    let cart = JSON.parse(localStorage.getItem("cart"));
    cart = cart ? cart : []
    let filteredShopItems = shopItems.filter(shopItem =>
cart.includes(shopItem.id));
    let totalPrice = 0
    filteredShopItems.forEach(shopItem => {
        totalPrice = totalPrice + parseFloat(shopItem.price) *
cart.filter(cartItem => cartItem == shopItem.id).length
    });
    document.getElementById("totalSpan").innerHTML = totalPrice
    shopItemsDiv.innerHTML = filteredShopItems.map(shopItem => `<div class="col
mb-5">
    <div class="card h-100">
        ${shopItem.badge ? `<div class="badge bg-dark text-white position-
absolute">${shopItem.badge}</div>` : " "}
        <img class="card-img-top" src="${shopItem.image}" alt="Product2" />
        <div class="card-body p-4">
            <div class="text-center">
                <h5 class="fw-bolder">${shopItem.title}</h5>
                <div class="d-flex justify-content-center small text-warning mb-
2">
                ${`<div class="bi-star-fill"></div>`.repeat(shopItem.rating)
    }

                </div>
                <span class="text-muted text-decoration-line-
through">${shopItem.oldPrice ? "$" + shopItem.oldPrice : " "}</span>
                ${"$"}${shopItem.price}
```

```
                </div>
        </div>
        <div class="card-footer p-4 pt-0 border-top-0 bg-transparent">
            <div class="text-center">
                ${cart.filter(cartItem => cartItem == shopItem.id).length}X
            </div>
        </div>
    </div>
</div>` ).join(" ");
}

// Funkcija koja uklanja sve proizvode iz korpe
function removeCart() {
    localStorage.removeItem("cart");
    fetchData("products", populateCart);
}

// Funkcija koja validira informacije unete u formi za naručivanje i prikazuje
odgovarajući modal
function orderNow() {
    const validationRules = [
        {
            input: document.getElementById("name").value,
            regex: /^[A-Z]+(([',. -][a-zA-Z ])?[a-zA-Z]*)*$/,
            errorMessage: "The name is mandatory and must have the first initial
capital letter.",
        },
        {
            input: document.getElementById("last-name").value,
            regex: /^[A-Z]+(([',. -][a-zA-Z ])?[a-zA-Z]*)*$/,
            errorMessage: "The last name is mandatory and must have the first
initial capital letter."
        },
        {
            input: document.getElementById("email").value,
            regex: /^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/,
            errorMessage: "Email address is required and must be in the correct
format."
        },
        {
            input: document.getElementById("phone").value,
            regex: /^(?!\s*$).+/,
            errorMessage: "Phone number is mandatory!"
        },
        {
```

```javascript
            input: document.getElementById("address").value,
            regex: /^(?!\s*$).+/,
            errorMessage: "Address is mandatory!"
        },
        {
            input: document.getElementById("credit-card-number").value,
            regex: /^(?!\s*$).+/,
            errorMessage: "Credit card number is mandatory!"
        }
    ];

    var errorMessages = [];

    for (var rule of validationRules) {
        if (!validateField(rule.input, rule.regex)) {
            errorMessages.push(rule.errorMessage);
        }
    }

    if (!document.getElementById("agree-to-rules").checked) {
        errorMessages.push("You must agree to the terms and conditions!");
    }

    if (!document.querySelector('input[name="payment-method"]:checked')) {
        errorMessages.push("Select a payment method!");
    }

    if (errorMessages.length > 0) {
        writeErrors(errorMessages);
    } else {
        writeSuccess();
    }
}

// Funkcija koja vrši validaciju unetih podataka u formi koristeći regularni
izraz
function validateField(fieldValue, regex) {
    return regex.test(fieldValue);
}

//Funkcija koja Generiše poruke o greškama i prikazuje ih korisniku
function writeErrors(greske) {
    populateModal("none", "Invalid information", greske.map(greska => `<p
class="text-danger">${greska}</p>`).join(""));
}
```

```javascript
// Funkcija koja generiše potvrdu o uspešnoj narudžbini i prikazuje je korisniku
function writeSuccess() {
    let modalBody = "<h3>Are you sure you want to place the order?</h3>"
    modalBody += `<p>Name: ${document.getElementById("name").value}</p>`
    modalBody += `<p>Credit Card Type:
${document.querySelector('input[name="payment-method"]:checked').value}</p>`
    populateModal("block", "Order Confirmation", modalBody);
}

// Funkcija koja popunjava modalni prozor sa određenim naslovom, sadržajem i
// opcijom za naručivanje
function populateModal(orderButtonDisplay, modalTitle, modalBody) {
    let modalBodyDiv = document.getElementById("modalBodyDiv");
    let modalTitleH1 = document.getElementById("modalTitleH1");
    let placeOrderButton = document.getElementById("placeOrderButton");
    placeOrderButton.style.display = orderButtonDisplay;
    modalTitleH1.innerHTML = modalTitle;
    modalBodyDiv.innerHTML = modalBody;
}

// Funkcija koja obavlja procesiranje narudžbine, čisti korpu i preusmerava
// korisnika na početnu stranicu, sa dodatnim prikazom potvrde o uspešnoj narudžbini
function order() {
    localStorage.removeItem("cart");
    localStorage.setItem('showSuccessfullOrderModal', 'true');
    window.location.href = "/";
}
```

2.9.3 style.css:

```css
* {
  margin: 0px;
  padding: 0px;
}

#logo {
  width: 250px;
  height: auto;
}

.background-color {
  background-color: rgb(34, 33, 77);
```

```css
}

.navbar {
  background-image: url(/assets/images/background4.jpg);
  background-position: center;
  background-repeat: no-repeat;
  background-size: cover;
}

body {
  background-image: url(/assets/images/background3.jpg);
  background-size: cover;
  background-position: center;
  background-repeat: no-repeat;
}

#slider {
  width: 60%;
  margin: 0px auto;
  margin-top: 30px;
  margin-bottom: 30px;
}

.carousel-inner {
  border-radius: 30px;
}

#jumbotron {
  background-image: url('/assets/images/background.jpg');
  background-repeat: no-repeat;
  background-size: cover;
  background-position: center;
}

.mask {
  background-color: rgba(0, 0, 0, 0.6);
  margin: 20px;
  border-radius: 20px;
}

.text-white {
  margin: 15px;
}

.card {
```

```css
  border: none;
}

.user-content p {
  margin-top: 5px;
  font-size: 15px;
}

.full-circle {
  border-radius: 50%;
  overflow: hidden;
  background-repeat: no-repeat;
  background-position: center;
  background-size: cover;
  width: 200px;
  height: 200px;
  object-fit: contain;
  margin-bottom: 10px;
}

body {
  color: #6F8BA4;
  margin-top: 20px;
}

.section {
  padding: 100px 0;
  position: relative;
}

.gray-bg {
  background-color: #f5f5f5;
}

img {
  max-width: 100%;
}

img {
  vertical-align: middle;
  border-style: none;
}

.about-text h3 {
  font-size: 45px;
```

```css
  font-weight: 700;
  margin: 0 0 6px;
}

@media (max-width: 767px) {
  .about-text h3 {
    font-size: 35px;
  }
}

.about-text h6 {
  font-weight: 600;
  margin-bottom: 15px;
}

@media (max-width: 767px) {
  .about-text h6 {
    font-size: 18px;
  }
}

.about-text p {
  font-size: 18px;
  max-width: 450px;
}

.about-text p mark {
  font-weight: 600;
  color: #20247b;
}

.about-list {
  padding-top: 10px;
}

.about-list .media {
  padding: 5px 0;
}

.about-list label {
  color: #20247b;
  font-weight: 600;
  width: 88px;
  margin: 0;
  position: relative;
```

```css
}

.about-list label:after {
  content: "";
  position: absolute;
  top: 0;
  bottom: 0;
  right: 11px;
  width: 1px;
  height: 12px;
  background: #20247b;
  transform: rotate(15deg);
  margin: auto;
  opacity: 0.5;
}

.about-list p {
  margin: 0;
  font-size: 15px;
}

@media (max-width: 991px) {
  .about-avatar {
    margin-top: 30px;
    display: flex;
    justify-content: center;
  }
}

.about-section .counter {
  padding: 22px 20px;
  background: #ffffff;
  border-radius: 10px;
  box-shadow: 0 0 30px rgba(31, 45, 61, 0.125);
}

.about-section .counter .count-data {
  margin-top: 10px;
  margin-bottom: 10px;
}

.about-section .counter .count {
  font-weight: 700;
  color: #20247b;
  margin: 0 0 5px;
```

```css
}

.about-section .counter p {
  font-weight: 600;
  margin: 0;
}

.theme-color {
  color: #fc5356;
}

.dark-color {
  color: #20247b;
}


footer p {
  font-size: 15px;
  font-family: "Nunito Sans", sans-serif;
  color: #3d3d3d;
  font-weight: 400;
  line-height: 25px;
  margin: 0 0 15px 0;
}

footer img {
  max-width: 100%;
}

footer a {
  text-decoration: none;
}

footer ul {
  padding-left: 0;
}

input:focus {
  outline: none;
}

a:hover, a:focus {
  text-decoration: none;
  outline: none;
  color: #ffffff;
```

```css
}

.footer {
  background: rgb(34, 33, 77);
  padding-top: 70px;
}

.footer-about {
  margin-bottom: 30px;
}

.footer-about .footer-logo {
  margin-bottom: 30px;
}

.footer-about p {
  color: #b7b7b7;
  margin-bottom: 30px;
}

.footer-widget {
  margin-bottom: 30px;
}

.footer-widget h6 {
  color: #ffffff;
  font-size: 15px;
  font-weight: 700;
  text-transform: uppercase;
  letter-spacing: 2px;
  margin-bottom: 20px;
}

.footer-widget ul li {
  line-height: 36px;
  list-style: none;
}

.footer-widget ul li a {
  color: #b7b7b7;
  font-size: 15px;
}

.footer-widget ul li a:hover {
  color: #e53637;
```

```css
}

.footer-widget .footer-newslatter p {
  color: #b7b7b7;
}

.footer-widget .footer-newslatter form {
  position: relative;
}

.footer-widget .footer-newslatter form input {
  width: 100%;
  font-size: 15px;
  color: #ffffff;
  background: transparent;
  border: none;
  padding: 15px 0;
  border-bottom: 2px solid #ffffff;
}

.footer-widget .footer-newslatter form input::placeholder {
  color: #b7b7b7;
}

.footer-widget .footer-newslatter form button {
  color: #b7b7b7;
  font-size: 16px;
  position: absolute;
  right: 5px;
  top: 0;
  height: 100%;
  background: transparent;
  border: none;
}

.footer-copyright-text {
  border-top: 1px solid rgba(255, 255, 255, 0.1);
  padding: 20px 0;
  margin-top: 40px;
}

.footer-copyright-text p {
  color: #b7b7b7;
  margin-bottom: 0;
}
```

```css
.footer-copyright-text p i {
  color: #e53637;
}

.footer-copyright-text p a {
  color: #e53637;
}

#documentation {
  color: #f3f3f3;
}

.loading-screen {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background-color: #fff;
  z-index: 9999;
  display: flex;
  justify-content: center;
  align-items: center;
}

.loading-spinner {
  border: 16px solid #f3f3f3;
  border-top: 16px solid #3498db;
  border-radius: 50%;
  width: 120px;
  height: 120px;
  animation: spin 2s linear infinite;
}

@keyframes spin {
  0% {
    transform: rotate(0deg);
  }

  100% {
    transform: rotate(360deg);
  }
}
```

```css
@media screen and (max-width:1000px) {
  #text-center-responsive {
    align-items: center;
    font-size: 20px;
  }

  #slider {
    width: 90%;
  }

  .footer-about a {
    display: flex;
    justify-content: center;
    align-items: center;
  }
}

.form-check-label {
  color: white;
}
```

3.Funkcionalnosti

3.1 funkcionalnosti "index.html"

U poglavlju stranice prvo što možemo videti je da je stranica podeljena u nekoliko segmenta kao što su navigacija sa navigacionim linkovima, korpom, logom stranice, naslovima i tekstualnim poljima, slider-u sa slikama, pregledima zadovoljnih korisnika kao i footer koji takođe sadrži navigacione linkove, dodatne linkove ka društvenim mrežama kao i polje za "newsletter".
Stranica je responzivna i sadrži fadeIn animacije na određenim elementima kao što su linkovi, slike i paragrafi.
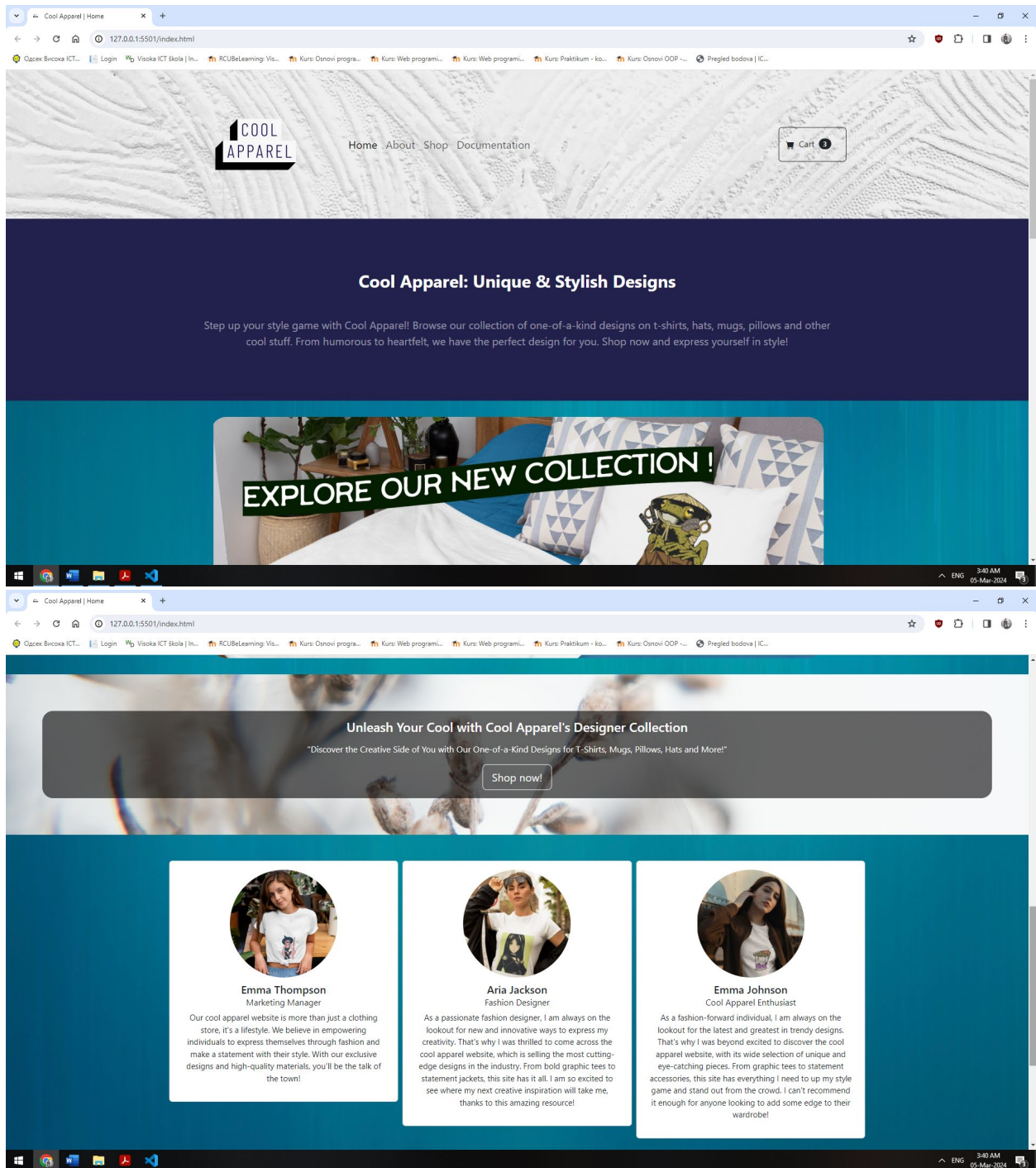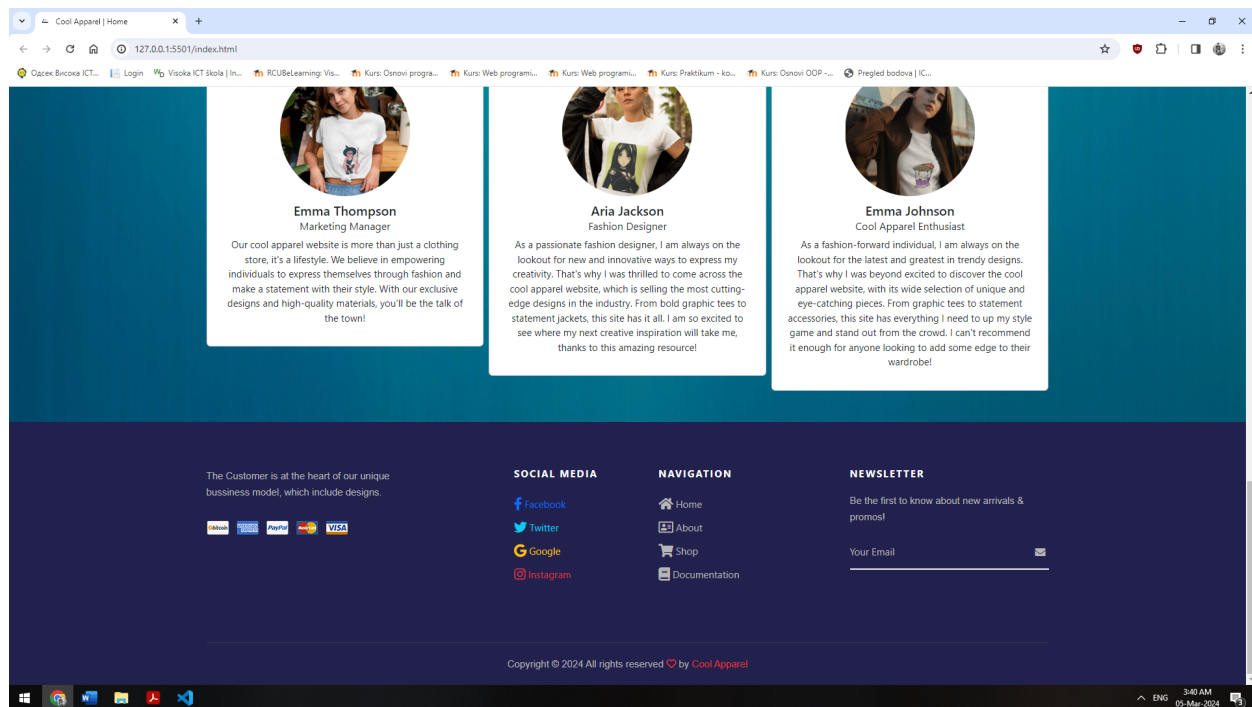
S obzirom da je ceo sajt responzivan, takođe je ugrađena funkcija drop-down menija sa navigacionim linkovima i korpom kako bi korisnici na mobilnim telefonima i tabletima lakše pristupali ovoj sekciji sajta.
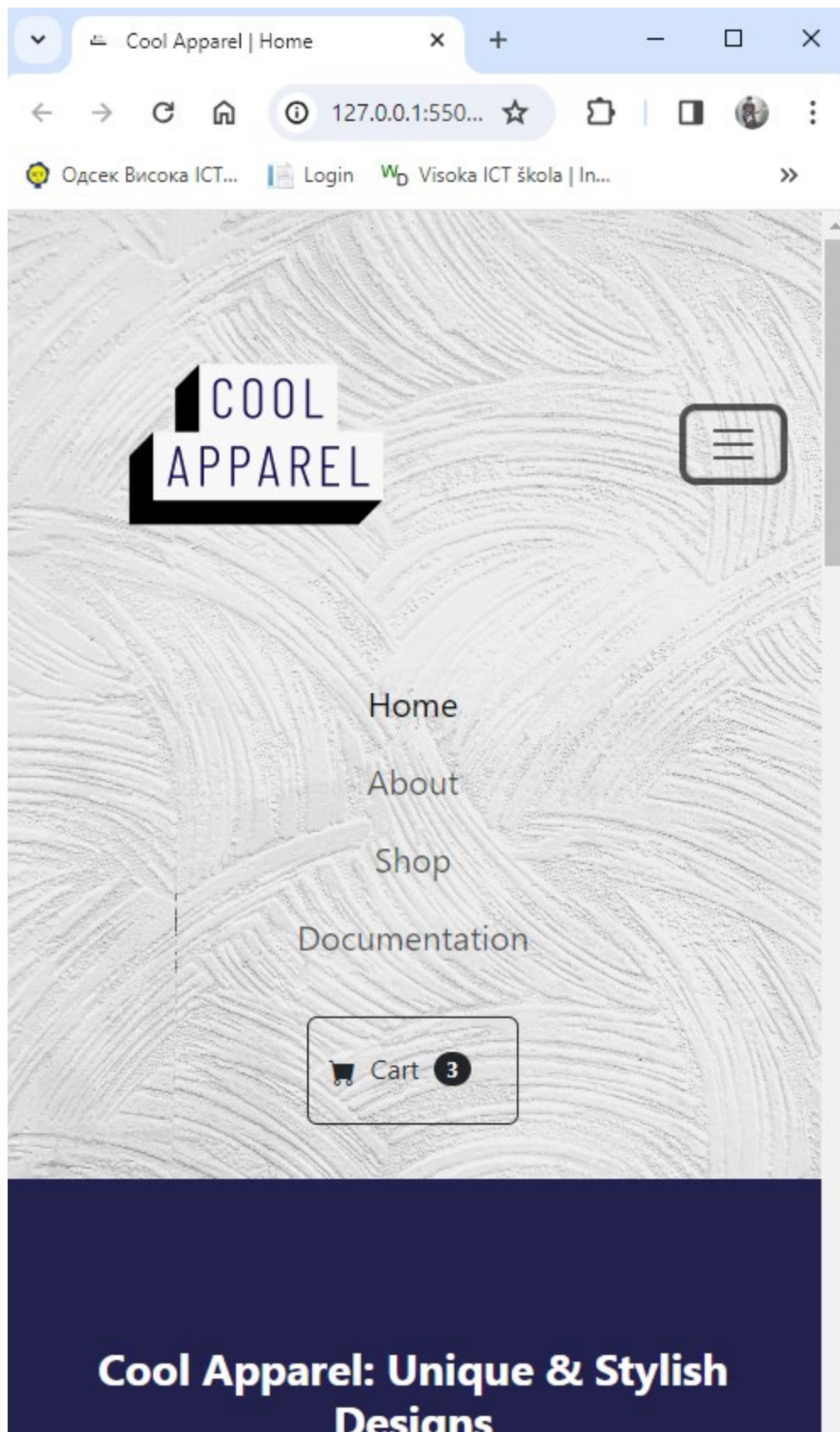
2.3 Funckionalnosti "about.html"

Ova stranica, takođe je responzivna i prilagođena za sve vrste uređaja, takođe sadrži header i footer kao i na ostalim stranicama poput index.html-a i sadrži pre svega sliku autora i kratku biografiju sa podacima o smeru, školi, broju indexa i td. Slici autora i tekstu je takođe dodeljen efekat FadeIn animacije radi boljeg doživljaja samih korisnika sajta. Sajt takođe sadrži animaciju loading spinner-a kako bi obavestila korisnike ukoliko se stranica još učitava.
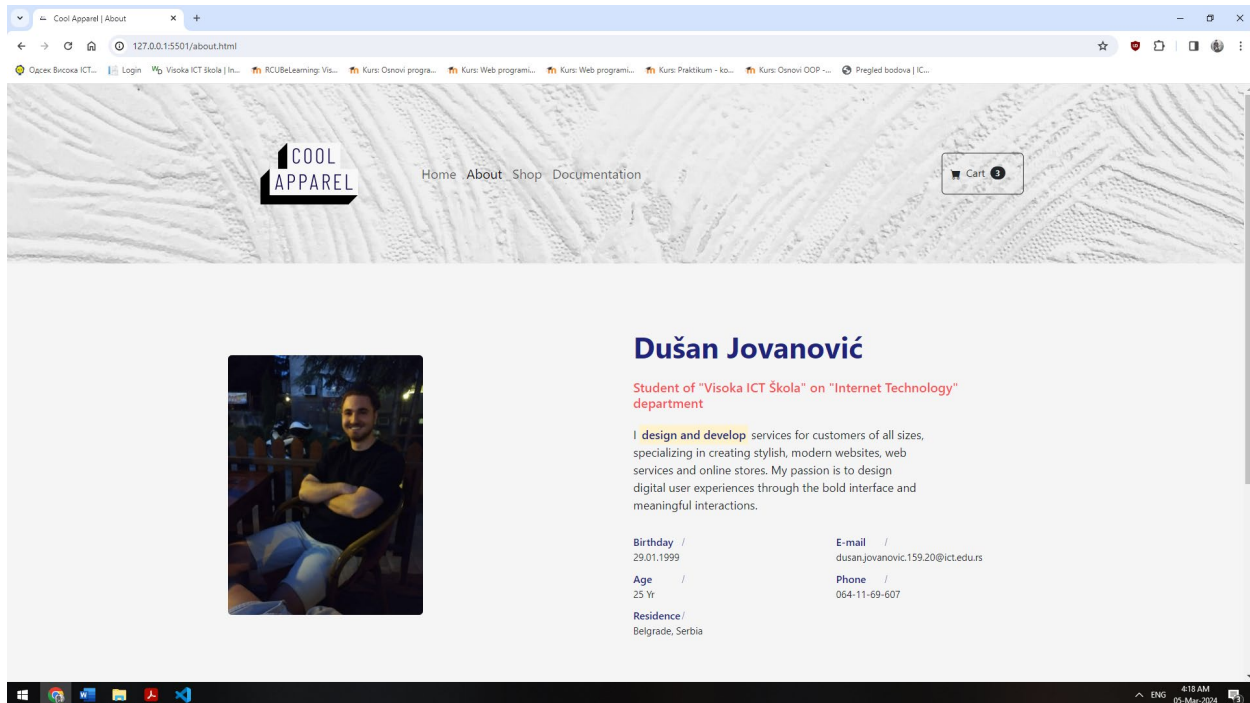
3.3 Funkcionalnosti "shop.html"

Ova stranica sadrži proizvode koji su dostupni za kupovinu sa njihovim cenama, slikama, ocena korisnika i dodatnih elemenata koji ukazuju na popust cena određenih proizvoda. Takođe je ugrađena mogućnost filtriranja i sortiranja proizvoda po različitim kriterijumima kao što su cena, naziv, kategorija, ocena korisnika i td.

Klikom na dugme, ispod proizvoda dodaje se proizvod u korpu kojoj se kasnije može pristupiti klikom na istu u sekciji navigacionog menija.
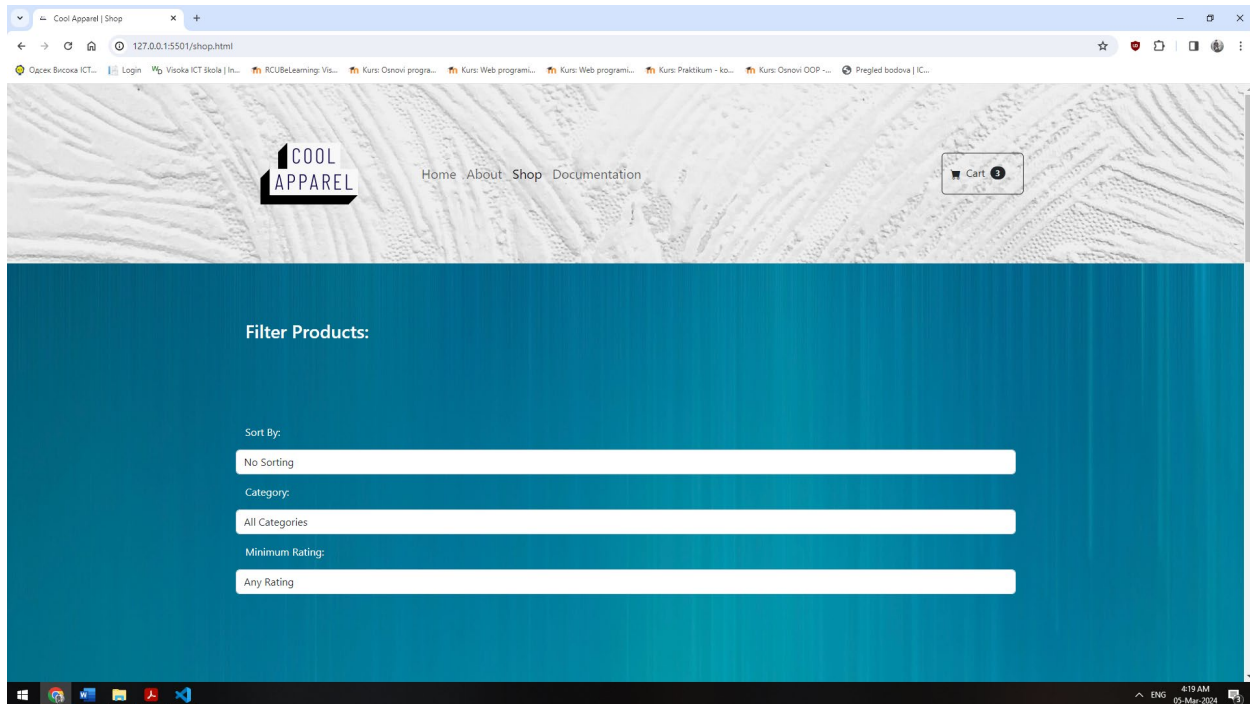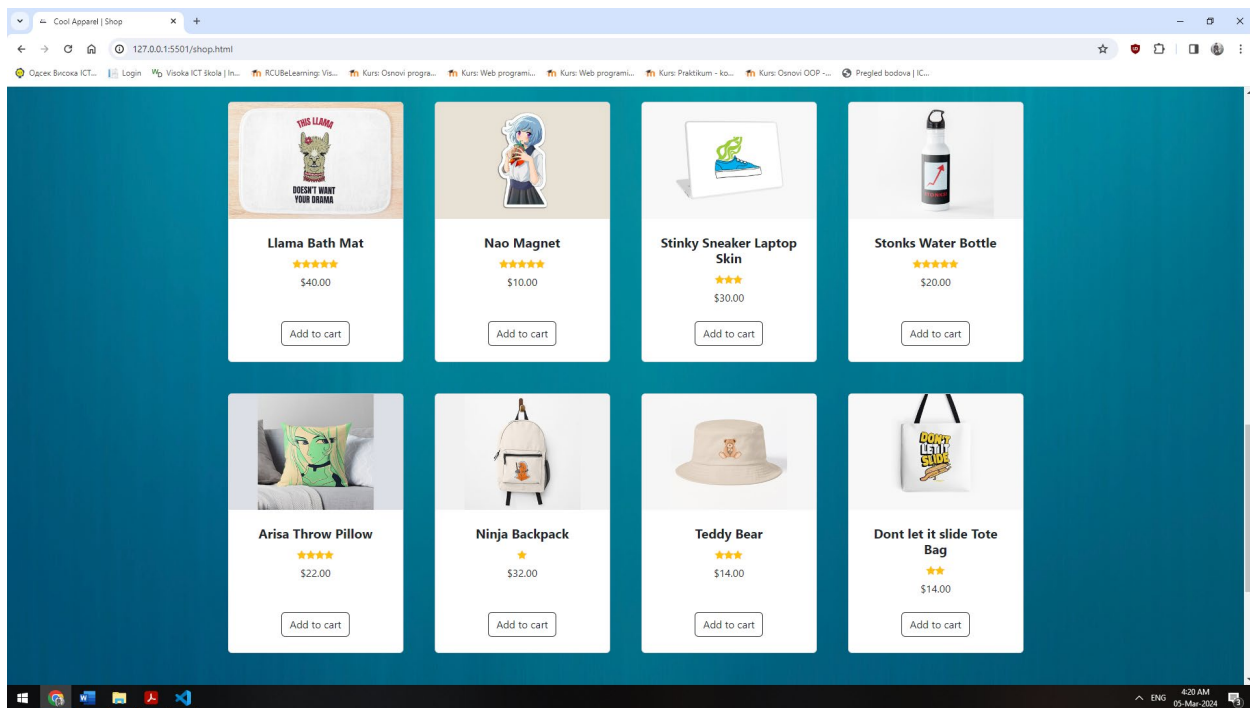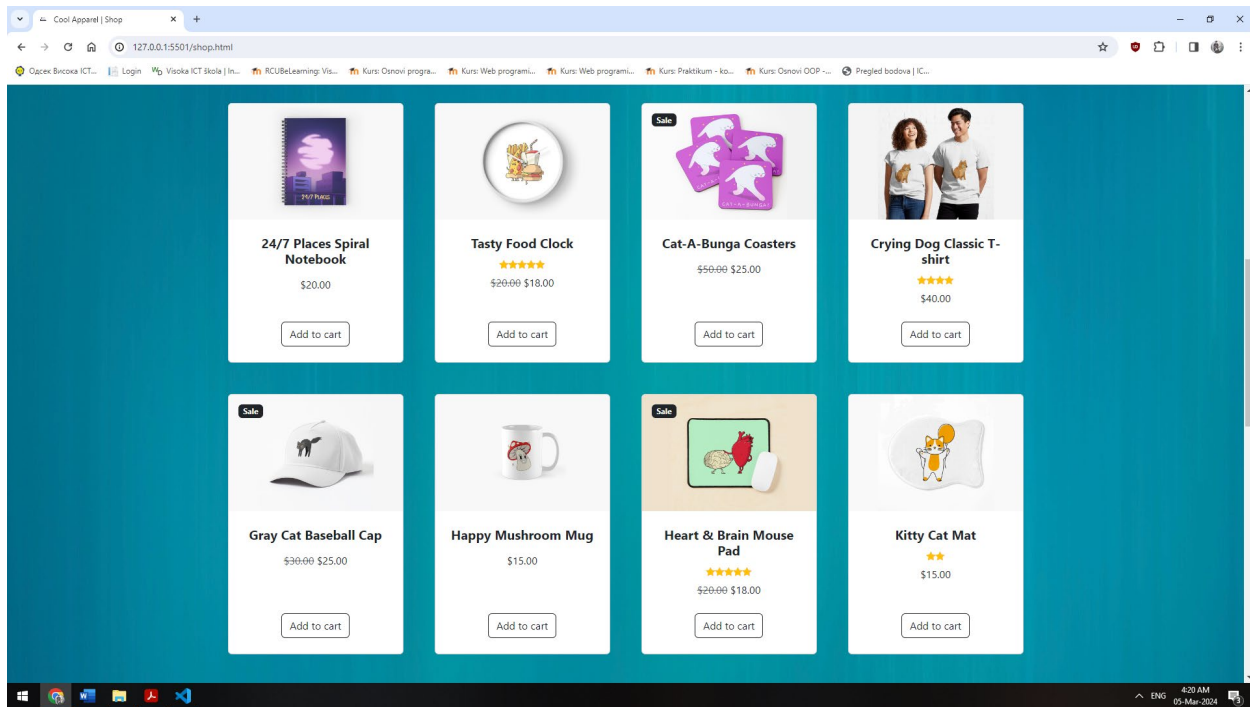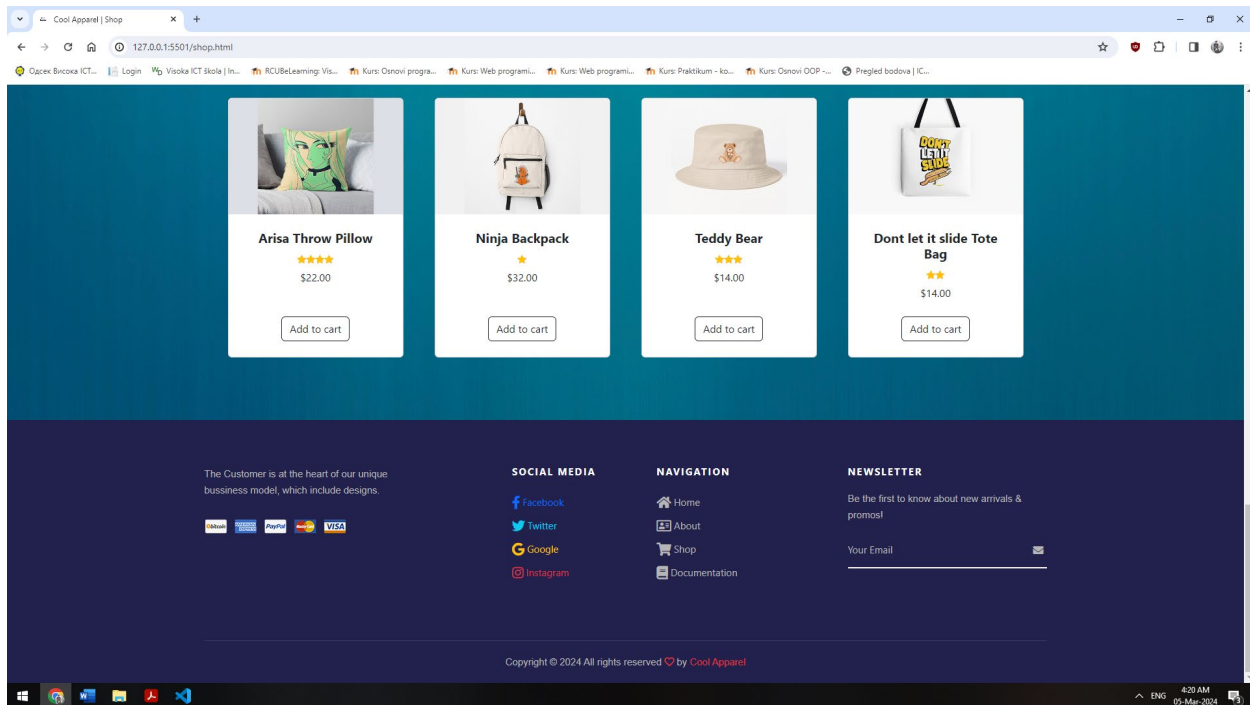
Proizvodi koji su dodati u korpu ostaće prisutni na sajtu korisnika dokle god ih on sam ne obriše jer je ova opcija napravljena korišćenjem local-storage-a.

3.4 Funkcionalnosti "order-items.html"

Ovoj stranici se pristupa klikom na korpu ("cart"), koja nas vodi do posebne stranice i forme sa proverom podataka u koju je korisnik dužan da upiše svoje podatke kako bi poručio određene proizvode.

Ova stranica sadrži slike dodatih proizvoda, dugme za potvrdu porudžbine kao i dugme za brisanje proizvoda iz korisničke korpe.

Korisniku je prikazana takođe i cena proizvoda koja je smeštena odmah pored prethodno pomenutih dugmadi.

Ukoliko korisnik klikne na dugme ("Place order"), pojaviće mu se poseban prozor u kome će da piše da mora da popuni obavezna polja ispravno ukoliko nije popunio, a ukoliko jeste pitaće ga da li je siguran da želi da poruči određene proizvode.

54
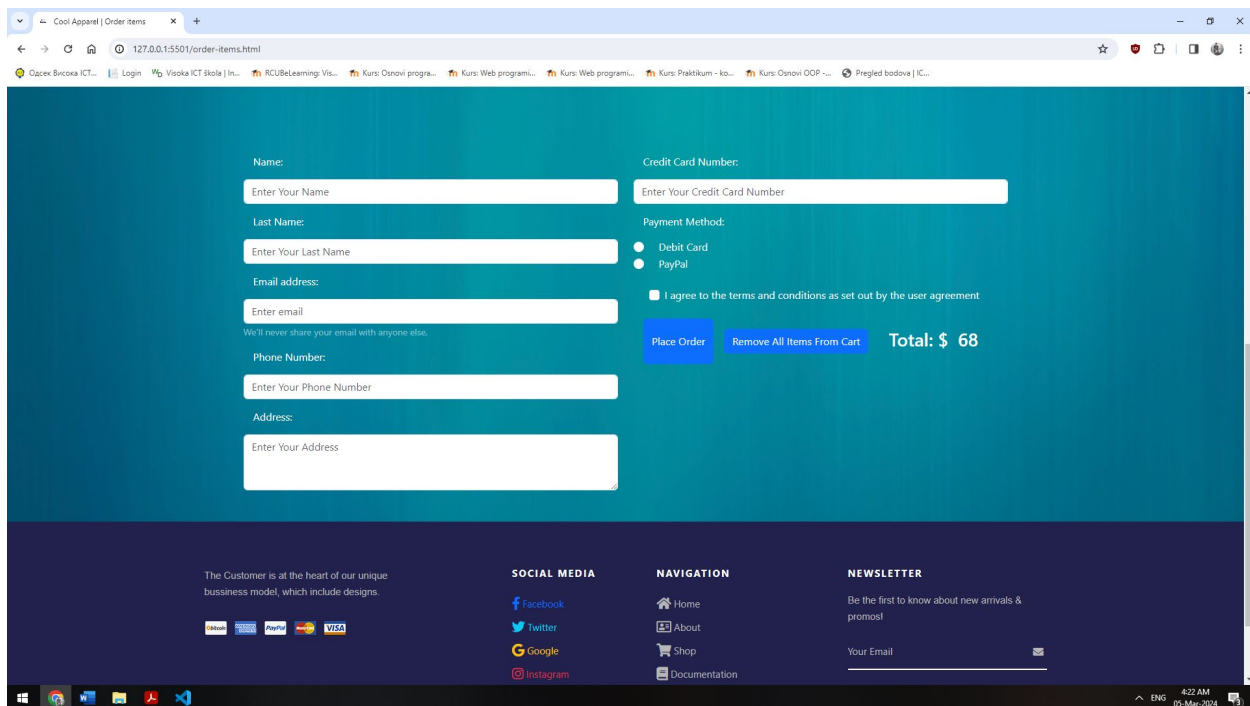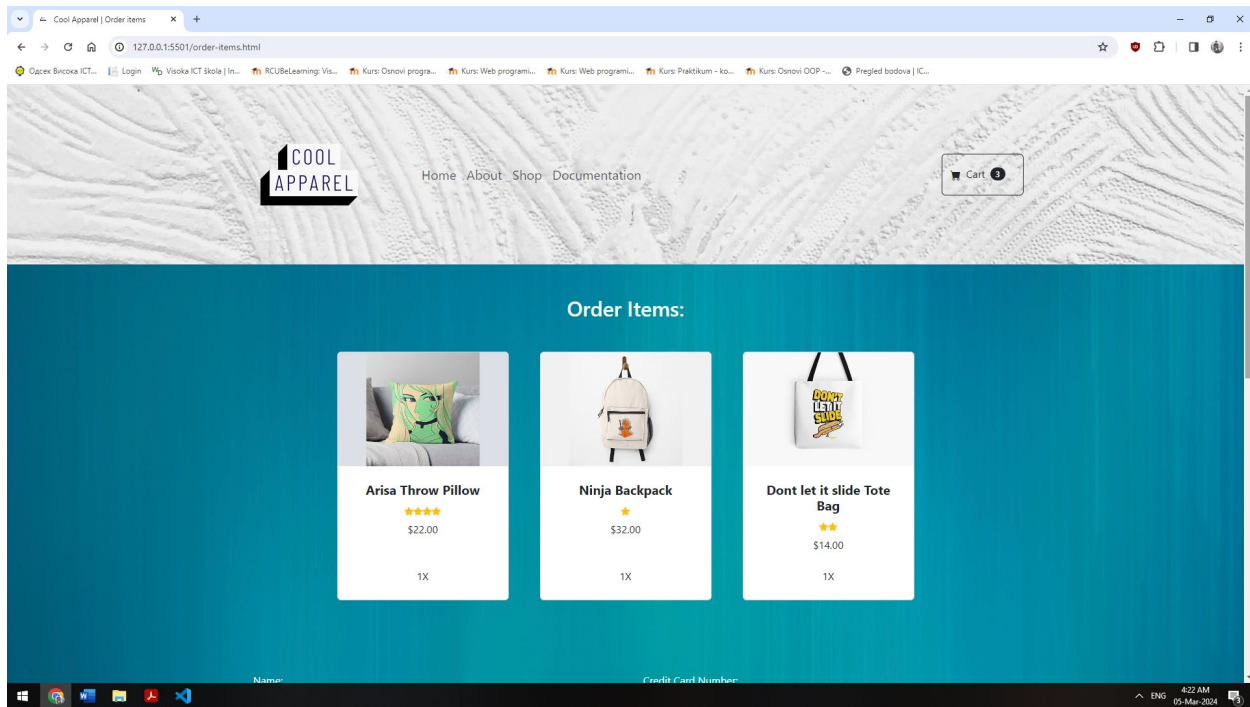
Takođe forma koju popunjava korisnik sadrži više različitih elemenata kojima korisnik bira vrstu elektronskog računa, piše broj kartice i označava da je saglasan sa pravilima sajta i validnim unosom podataka u formu.

Radi poboljšavanja samog doživljaja korišćenja ovog web sajta dodate su takođe animacije za "iskakajuća dugmad i linkove" pomoću Jquery-ja
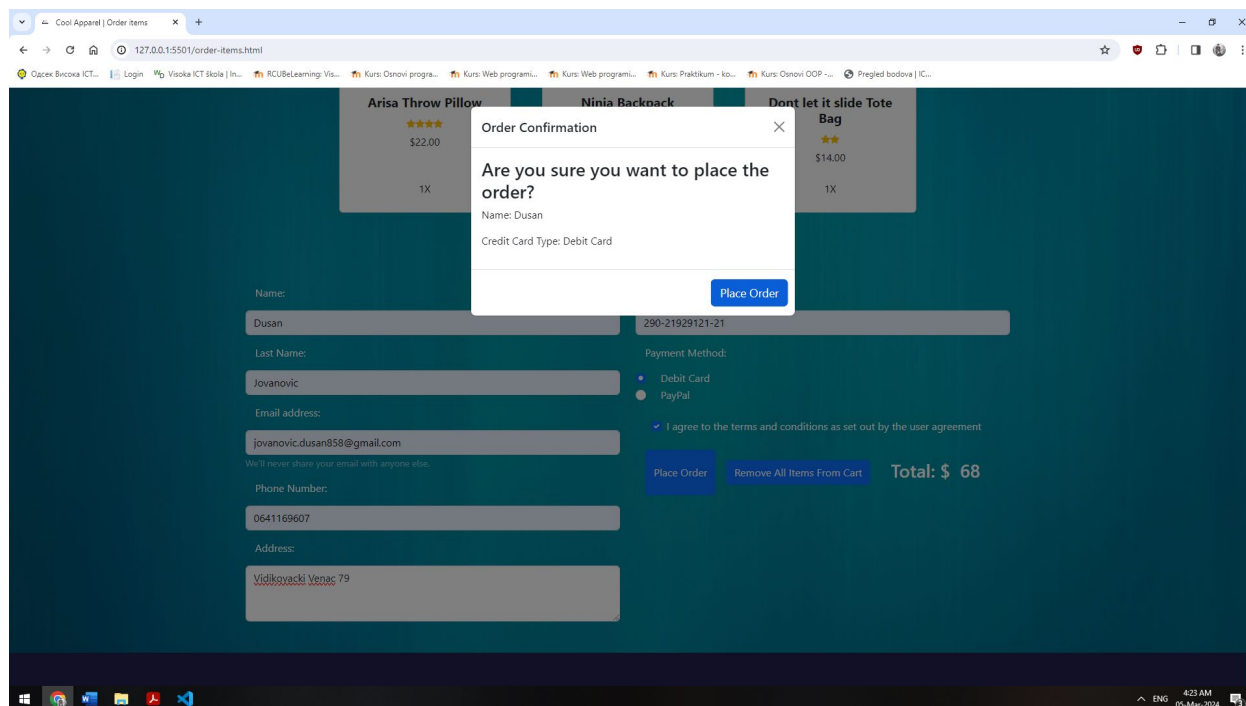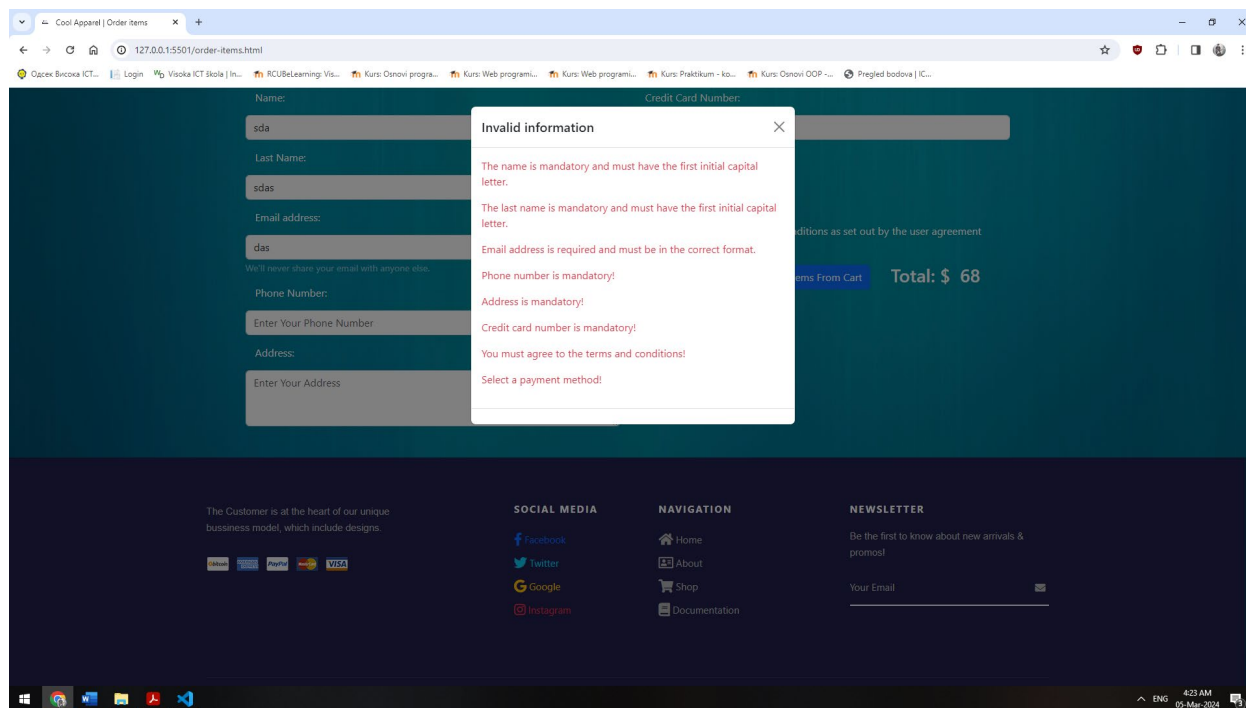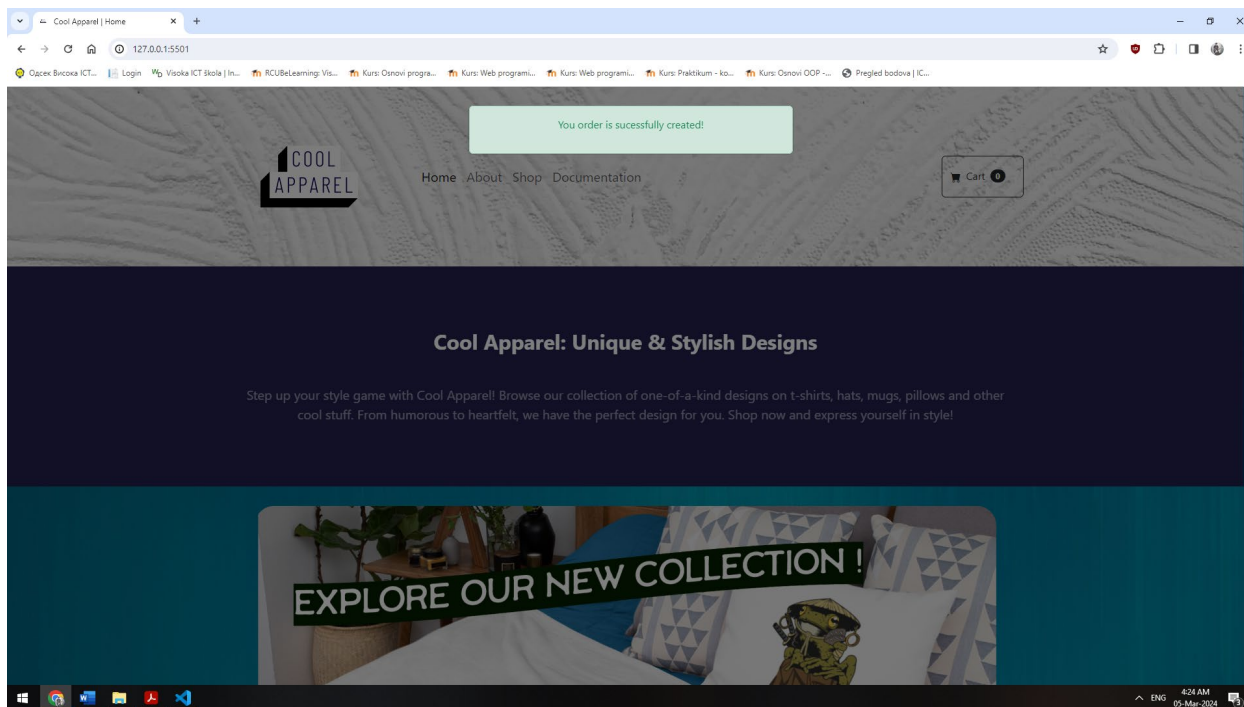
Nakon uspešne provere podataka unetih u formu i klikom na dugme "Place Order", korisnik će biti vraćen na početnu stranu i izaći će mu poruka u vidu modala sa obaveštenjem da je porudžbina uspešno prosleđena.

4.Zaključak

Cool Apparel je dobro optimizovan i uređen sajt koji može dosta dobro da posluži kao online prodavnica sa intresantnim elementima koji korisnicima pružaju jedno posebno iskustvo u primeni samog sajta kao i ugodan vizuelni i intuitivni doživljaj samog korisnika.