VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACIONE TEHNOLOGIJE

INTERNET TEHNOLOGIJE

DOKUMENTACIJA

https://anica02.github.io/dreamy/index.html

Predmet: Web programiranje 2   Student: Anica Radenković 57/20

Sadržaj

Uvod

Korišćeni jezici

       Markup jezici : HTML, XML

       Stilski jezik : CSS

       Skript jezik : JavaScript, biblioteka jQuery, framework Bootstrap

Opis funkcionalnosti

- Responsive sajt, korišćen Bootstrap
- Dohvatanje proizvoda AJAX-om
- Dinamički ispis proizvoda iz JSON-a
- Obrada forme za poružbinu
- Dodavanje proizvoda u korpu, LocalStorage
- Filtriranje, sortiranje proizvoda
- Obrada svih mogućih grešaka

Template

Nije korišćen template, samostalno pisan kod.

Organizacija

sitemap.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <url>
        <loc>https://anica02.github.io/dreamy/index.html</loc>
        <lastmod>2022-03-10</lastmod>
        <changefreq>monthly</changefreq>
        <priority>0.8</priority>
    </url>
     <url>
        <loc>https://anica02.github.io/dreamy/products.html</loc>
        <lastmod>2022-03-10</lastmod>
        <changefreq>daily</changefreq>
        <priority>1</priority>
    </url>
     <url>
        <loc>https://anica02.github.io/dreamy/cart.html</loc>
        <lastmod>2021-03-10</lastmod>
        <changefreq>monthly</changefreq>
        <priority>0.7</priority>
    </url>
     <url>
        <loc>https://anica02.github.io/dreamy/author.html</loc>
        <lastmod>2021-03-10</lastmod>
        <changefreq>yearly</changefreq>
        <priority>0.5</priority>
    </url>
</urlset>
```
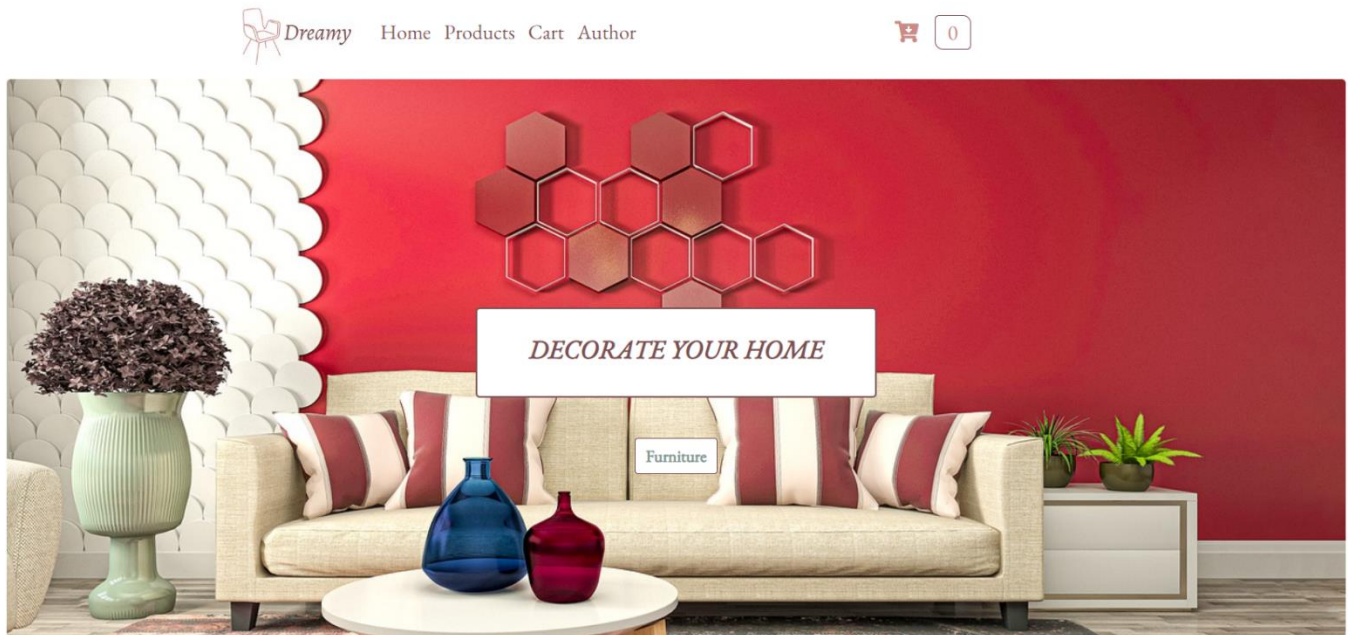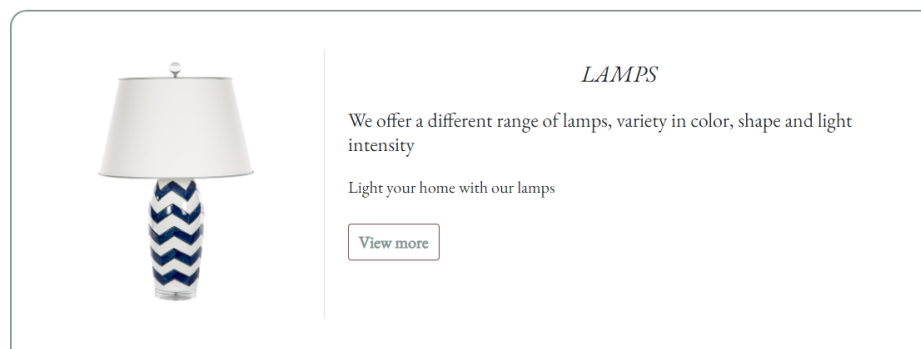
Organizacija stranica

Izgled stranica i opis njihovih funkcionalnosti :

index.html

U header-u se nalazi nav sa linkovima ka drugim stranicama, kao i broj proizvoda koji se nalazi u korpi.

Nav je dohvaćen pomoću AJAX funkcije iz JSON fajla i ispisan u html-u.

Kartice koje se nalaze ispod banera su takodje dohvaćene iz JSON-a, dugme View more vodi ka stranici Products.

Divovi koji u sebi imaju slike su takođe dohvaćeni iz JSON-a.

products.html

Proizvodi su dohvaćeni iz JSON-a. Svakom promenom filtera ili sorta menja se prikaz proizvoda.

Div sa kategorijama, bojama i statusom napravljen je u obliku accordion-a, a podaci su dohvaćeni iz JSON-a.

Klikom na checkbox, radio button, polje za pretragu i padajucu listu za popuste filtriraju se proizvodi po određenim kriterijumima.

Takodje imamo sortiranje po nazivu proizvoda, po njegovoj ceni i načinu prikaza proizvoda po kolonama.

Svi filteri i sortiranja su međusobno povezana i klikom na ikonicu ispod pretrage se uklanjaju.

Svaki proizvod ima svoj naziv, sliku, kategoriju kojoj pripada.

Ukoliko ima označen popust onda je prikazana i stara cena, dok kod drugih nije.

Ako je označeno da je proizvod u zalihama onda je moguće taj proizvod kupiti klikom na dugme PURCHASE i samim tim proizvod dodati u korpu.

Broj dodatih proizvoda se može pratiti u ovom sektoru.

cart.html

Ukoliko se ne klikne na dugme PURCHASE prikaz korpe je prazan.

Kada se klikne na dugme onda se proizvod skladišti u LocalStorage, i tako bude dostupan za prikaz u sekciji cart. Količina proizvoda zavisi od broja klika na dugme PURCHASE.

U svakom redu se nalazi dugme Remove koje uklanja proizvod iz tog reda i iz same porudžbine.

Ukupna cena je obračun količine i cene svih proizvoda.

Klikom na dugme Remove all, brišu se svi proizvodi iz korpe.

Ukoliko su proizvodi dodati u korpu i nema grešaka pri popunjavanju forme za porudžbinu, klikom na Submit pojaviće se modal sa porukom da je porudžbina uspešna.

Nakon poruke se brišu svi proizvodi iz korpe.

author.html

Kodovi

index.html

```html
<!DOCTYPE html>
<html>
    <head>
        <title>Dreamy | Furniture store</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="products, furniture, lamps, tables, armchairs,
         sofas"/>
        <meta name="description" content="Dreamy furniture store, here to help you
         decorate your home with our furniture"/>
        <link rel="shortcut icon" href="img/logo1.png"/>
        <script src="https://kit.fontawesome.com/ce9a3cdf18.js"
         crossorigin="anonymous"></script>
        <link rel="stylesheet"
         href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css"
         integrity="sha384
         zCbKRCUGaJDkqS1kPbPd7TveP5iyJE0EjAuZQTgFLD2ylzuqKfdKlfG/eSrtxUkn"
         crossorigin="anonymous">
        <link type="text/css" rel="stylesheet" href="css/style.css"/>
    </head>
    <body>
        <header>
            <div class="container">
                <nav class="navbar navbar-expand-lg navbar-light">
                    <a class="navbar-brand" href="index.html"><img alt="logo"
                        src="img/logo1.png"/></a>
                    <button class="navbar-toggler" type="button" data-toggle="collapse"
                        data-target="#navbarTogglerDemo02" aria-
                        controls="navbarTogglerDemo02" aria-expanded="false" aria-
                        label="Toggle navigation">
                      <span class="navbar-toggler-icon"></span>
                    </button>
                    <div class="collapse navbar-collapse" id="navbarTogglerDemo02">
                      <ul class="navbar-nav mr-auto mt-2 mt-lg-0 text-center
                          colorRottenCherry" id="navigation">
                      </ul>
                      <div id="cart"class="colorPink">
                        <i class="fas fa-cart-arrow-down mr-3"></i>
                        <span>0</span>
```

```html
                </div>
              </div>
           </nav>
        </div>
    </header>
    <div class="container-fluid">
          <div id="banner">
              <div id="apperText">
                  <div class="row">
                      <div class="col">
                          <div id="motto" class="centering text-center
                                  colorRottenCherry">
                              <h2 class="font-weight-bold font-italic">DECORATE
                                  YOUR HOME</h2>
                          </div>
                      </div>
                  </div>
                  <div class="row">
                      <div class="col">
                          <div id="buttons-Links" class="text-center ">
                              <a class="btn dugme colorMint"
                                  href="products.html">Furniture</a>
                          </div>
                      </div>
                  </div>
              </div>
          </div>
    </div>
    <div class="container mt-5">
        <div class="row">
            <h2 class="centering border-bottom font-italic">What do we offer?</h2>
        </div>
        <div id="productDes">
        </div>
    </div>
    <div class="container-fluid mt-5">
        <div class="row my-5 col-12">
            <h2 class="centering border-bottom font-italic">Need help with room
                design, here are some ideas?</h2>
        </div>
        <div id="rooms-Gallery">
          <div class="row my-5" id="room">
          </div>
        </div>
    </div>
</div>
```

```html
<footer>
    <div class="container-fluid">
        <div id="footer">
            <div class="row mb-5 ">
                <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                    <p class="footerCol py-1"><i class="fas fa-phone-alt "></i>
                    Call us: +381 123 4567</p>
                </div>
                <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                    <p class="footerCol py-1"><i class="fas fa-envelope "></i>
                    Email us: dreamy@gmail.com</p>
                </div>
                <div class="col-12 col-sm-6 col-lg-3   mb-2 text-center">
                  <p class="footerCol py-1"><i class="fas fa-map-marker-alt"></i>
                     Visit us at: <a href="https://g.page/golden-tulip-zira-
                     belgrade?share" target="_blank" class="text-decoration-none
                     colorWhite"> Zira, Belgrade</a></p>
                </div>
                <div class="col-12 col-sm-6 col-lg-3   mb-2 text-center">
                  <p class="footerCol py-1"></i> Dream big!</p>
                </div>
            </div>
            <div class="row">
              <div class="col-12 col-sm-6 col-lg-3 text-center">
                  <img alt="logo" src="img/logo1.png"/>
              </div>
              <div class="col-12 col-sm-6 col-lg-3 text-center
              colorRottenCherry">
                  <h4 class="font-italic font-weight-bold">About</h4>
                  <h5 class="font-weight-bold">Small business furniture
                  shop</h5>
              </div>
              <div class="col-12 col-sm-6 col-lg-3 text-center
              colorRottenCherry">
                  <h4 class="font-italic font-weight-bold">Documentation</h4>
                  <a href="Documentation/documentation.pdf" target="_blank"
                  class="colorRottenCherry font18"><i class="fas fa-file-
                  alt"></i></a>
              </div>
              <div class="col-12 col-sm-6 col-lg-3 text-center
               colorRottenCherry">
                  <h4 class="font-italic font-weight-bold">Find us</h4>
                  <div id="socialN">
                  </div>
              </div>
```
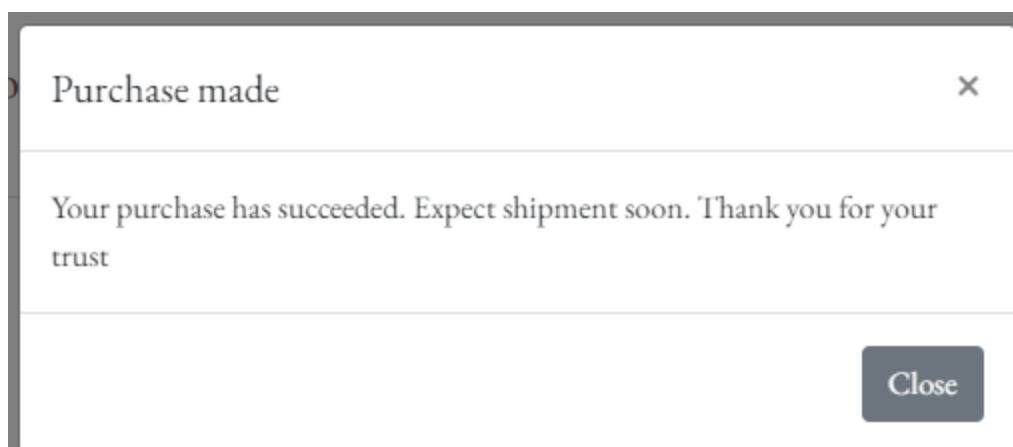
```html
                    </div>
                    <div class="row">
                        <div class="col-12 text-center colorRottenCherry">
                            <h6 class="font-weight-bold">Copyright &copy; Dreamy|
                            Furniture shop</h6>
                        </div>
                    </div>
                </div>
            </div>
        </footer>
        <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
        integrity="sha384-
        DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
        crossorigin="anonymous"></script>
        <script
      src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-fQybjgWLrvvRgtW6bFlB7jaZrFsaBXjsOMm/tB9LTS58ONXgqbR9W8oWht/amnpF"
    crossorigin="anonymous"></script>
        <script
      src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
        <script type="text/javascript" src="js/main.js"></script>
    </body>
</html>
```

products.html

```html
<!DOCTYPE html>
<html>
    <head>
        <title>Dreamy | Products</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="products, lamp, table, armchair, sofa,
         nightstand, sort, purchase, discount"/>
        <meta name="description" content="Dreamy furniture store, where you can
        purchase furniture with a good discount"/>
        <link rel="shortcut icon" href="img/logo1.png"/>
        <script src="https://kit.fontawesome.com/ce9a3cdf18.js"
        crossorigin="anonymous"></script>
        <link rel="stylesheet"
      href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css"
    integrity="sha384-zCbKRCUGaJDkqS1kPbPd7TveP5iyJE0EjAuZQTgFLD2ylzuqKfdKlfG/eSrtxUkn"
     crossorigin="anonymous">
```

```html
        <link type="text/css" rel="stylesheet" href="css/style.css"/>
</head>
<body>
    <header>
        <div class="container ">
            <nav class="navbar navbar-expand-lg navbar-light">
                <a class="navbar-brand" href="index.html"><img alt="logo"
                src="img/logo1.png"/></a>
                <button class="navbar-toggler" type="button" data-toggle="collapse"
                 data-target="#navbarTogglerDemo02" aria-
                 controls="navbarTogglerDemo02" aria-expanded="false" aria-
                 label="Toggle navigation">
                  <span class="navbar-toggler-icon"></span>
                </button>
                <div class="collapse navbar-collapse" id="navbarTogglerDemo02">
                  <ul class="navbar-nav mr-auto mt-2 mt-lg-0 text-center
                  colorRottenCherry" id="navigation">
                  </ul>
                  <div id="cart"class="colorPink">
                    <i class="fas fa-cart-arrow-down mr-3"></i>
                    <span>0</span>
                  </div>
                </div>
            </nav>
        </div>
    </header>
    <div class="container-fluid">
      <hr/>
    </div>
    <div class="container-fluid">
        <div class="row">
          <div class="col-12 col-sm-3 col-lg-2">
              <div id="filterP">
                <ul>
                  <li class="active">
                    <h5 class="filterC py-1 pl-2 font-weight-bold pointer">
                     Categories</h5>
                    <ul class="list-group mb-2 pointer" id="categories">
                     </ul>
                  </li>
                  <li>
                    <h5 class="filterC py-1 pl-2 font-weight-bold pointer">
                     Colors</h5>
                    <ul class="list-group mb-2 pointer" id="colors">
                     </ul>
```

```html
        </li>
        <li>
         <h5 class="filterC py-1 pl-2 font-weight-bold pointer">
          Producst status </h5>
         <ul class="list-group pointer">
           <li class="list-group-item borderLi"> <input type="radio"
           name="radioS" class="radioS" value="inStock"/> In stock</li>
             <li class="list-group-item borderLi"> <input type="radio"
             name="radioS" class="radioS" value="outOfStock"/> Out of
             stock</li>
         </ul>
        </li>
      </ul>
    </div>
  </div>
  <div class="col mb-3" id="priceHtml">
    <label class="font-weight-bold font18 colorRottenCherry">Sort by
    price</label>
    <select name="priceSort" class="font18" id="priceSort">
      <option value="">Choose</option>
      <option value="desc">Price descending</option>
      <option value="asc">Price growing</option>
    </select>
  </div>
  <div class="col mb-3" id="nameHtml">
    <label class="font-weight-bold font18 colorRottenCherry">Sort by
    name</label>
    <select name="nameSort" class="font18" id="nameSort">
      <option value="">Choose</option>
      <option value="desc">Name descending</option>
      <option value="asc">Name growing</option>
    </select>
  </div>
  <div class="col mb-3" id="dicountHtml">
    <label class="colorRottenCherry font18 font-weight-bold">Show
    dicsounts</label>
    <select name="discountFilter" class="font18" id="discountFilter">
      <option value="0">Choose</option>
      <option value="1">Discount Week</option>
      <option value="2">Spring Cleaning</option>
      <option value="3">Holiday discount</option>
    </select>
  </div>
  <div class="col mb-3">
    <label class="colorRottenCherry font18 font-weight-bold">
    View</label>
```

```html
              <i class="fas fa-th-large fontIS mx-1 colorMint colV" data
                value="2"> </i>
              <i class="fas fa-th fontIS colorMint colV" data-value="3"></i>
            </div>
            <div class="col mb-3">
              <form class="form-inline">
                <input type="search" name="text" id="find" placeholder="Search by
                  model.."/>
              </form>
            </div>
            <div class="col">
              <label class="colorRottenCherry font-weight-bold mr-1"
                for="removeFilter">Remove all filters</label>
              <li class="list-inline-item colorRottenCherry font18"><i
                class="fas fa-ban" id="removeFilter"></i></li>
            </div>
          </div>
          <div class="col-12 col-sm-9 col-lg-10">
            <div class="row" id="products">
            </div>
          </div>
        </div>
      </div>
  <footer>
      <div class="container-fluid">
          <div id="footer">
              <div class="row mb-5 ">
                  <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                      <p class="footerCol py-1"><i class="fas fa-phone-alt"></i>
                      Call us: +381 123 4567</p>
                   </div>
                  <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                      <p class="footerCol py-1"><i class="fas fa-envelope"></i>
                      Email us: dreamy@gmail.com</p>
                  </div>
                  <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                    <p class="footerCol py-1"><i class="fas fa-map-marker-alt"></i>
                        Visit us at: <a href="https://g.page/golden-tulip-zira-
                        belgrade?share" target="_blank" class="text-decoration-none
                        colorWhite"> Zira, Belgrade</a></p>
                  </div>
                  <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                    <p class="footerCol py-1"></i> Dream big!</p>
                  </div>
              </div>
```

```html
                    <div class="row">
                        <div class="col-12 col-sm-6 col-lg-3 text-center">
                            <img alt="logo" src="img/logo1.png"/>
                        </div>
                        <div class="col-12 col-sm-6 col-lg-3 text-center
                        colorRottenCherry">
                            <h4 class="font-italic font-weight-bold">About</h4>
                            <h5 class="font-weight-bold">Small business furniture
                            shop</h5>
                        </div>
                        <div class="col-12 col-sm-6 col-lg-3 text-center
                        colorRottenCherry">
                            <h4 class="font-italic font-weight-bold">Documentation</h4>
                            <a href="Documentation/documentation.pdf" target="_blank"
                            class="colorRottenCherry font18"><i class="fas fa-file-
                            alt"></i></a>
                        </div>
                        <div class="col-12 col-sm-6 col-lg-3 text-center
                         colorRottenCherry">
                            <h4 class="font-italic font-weight-bold">Find us</h4>
                            <div id="socialN">
                            </div>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col-12 text-center colorRottenCherry">
                            <h6 class="font-weight-bold">Copyright &copy; Dreamy|
                            Furniture shop</h6>
                        </div>
                    </div>
                </div>
            </div>
        </footer>

<script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-fQybjgWLrvvRgtW6bFlB7jaZrFsaBXjsOMm/tB9LTS58ONXgqbR9W8oWht/amnpF"
 crossorigin="anonymous"></script>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script type="text/javascript" src="js/main.js"></script>
```

```
            </body>
</html>
```

cart.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Dreamy | Cart</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="products, cart, payment, delivery, order,
        total"/>
        <meta name="description" content="Dreamy furniture store, make a purchase of
        the products that you put in the cart"/>
        <link rel="shortcut icon" href="img/logo1.png"/>
        <script src="https://kit.fontawesome.com/ce9a3cdf18.js"
         crossorigin="anonymous"></script>
        <link rel="stylesheet"
     href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css"
        integrity="sha384-
        zCbKRCUGaJDkqS1kPbPd7TveP5iyJE0EjAuZQTgFLD2ylzuqKfdKlfG/eSrtxUkn"
        crossorigin="anonymous">
        <link type="text/css" rel="stylesheet" href="css/style.css"/>
        <a href="https://icons8.com/icon/vy9QfEGutlBU/buying"></a>
    </head>
    <body>
        <header>
            <div class="container">
                <nav class="navbar navbar-expand-lg navbar-light">
                    <a class="navbar-brand" href="index.html"><img alt="logo"
                      src="img/logo1.png"/></a>
                    <button class="navbar-toggler" type="button" data-toggle="collapse"
                     data-target="#navbarTogglerDemo02" aria-
                    controls="navbarTogglerDemo02" aria-expanded="false" aria-
                    label="Toggle navigation">
                        <span class="navbar-toggler-icon"></span>
                    </button>
                    <div class="collapse navbar-collapse" id="navbarTogglerDemo02">
                        <ul class="navbar-nav mr-auto mt-2 mt-lg-0 text-center
                        colorRottenCherry" id="navigation">
                        </ul>
```

```html
                    <div id="cart" class="text-center colorPink">
                        <i class="fas fa-cart-arrow-down mr-3"></i>
                        <span>0</span>
                    </div>
                    </div>
                </nav>
        </div>
</header>
<div class="container-fluid border-top">
    <div class="row">
        <div class="col-12 col-md-4 col-lg-4 py-5 px-5">
            <div id="order">
                <h3 class="font-weight-bold font-italic text-center mb-3
                    colorRottenCherry">Your order</h3>
                <form method="GET" action="#" name="forma1">
                    <div class="form-group" id="inputName">
                        <label class="font-weight-bold colorRottenCherry
                        font18" for="flName">First name and last name: *</label>
                        <input type="text" name="flName" id="flName"
                        class="form-control" placeholder="Petar Petrović"/>
                        <div></div>
                    </div>
                    <div class="form-group" id="inputAdress">
                        <label class="font-weight-bold colorRottenCherry
                        font18" for="adress">Adress: *</label>
                        <input type="text" name="adress" id="adress"
                        class="form-control" placeholder="Dimitrija Tucovića 12,
                        Beograd 11000"/>
                        <div></div>
                    </div>
                    <div class="form-group" id="inputNumber">
                        <label class="font-weight-bold colorRottenCherry
                        font18" for="phoneNumber">Phone number: *</label>
                        <input type="text" name="phoneNumber" id="phoneNumber"
                        class="form-control" placeholder="06xxxxxxxx"/>
                        <div></div>
                    </div>
                    <div class="form-group" id="selectPayment">
                        <label class="font-weight-bold colorRottenCherry
                        font18" for="payment">Payment: *</label><br/>
                        <select class="form-control" id="payment">
                            <option value="0">Chosee payment</option>
                            <option value="cash">Cash</option>
                            <option value="creditCard">Credit card</option>
                        </select>
```

```html
            <div></div>
        </div>
        <div class="form-group" id="inputDelivery">
            <label class="font-weight-bold colorRottenCherry
            font18" for="delivery">Delivery: *</label><br/>
            <input type="radio" name="delivery" id="adress"
            value="adress"> Home adress  
            <input type="radio" name="delivery" id="postOffice"
             value="postOffice"> The post office
            <div></div>
        </div>
        <!-- Button trigger modal -->
            <button type="button" onclick='submitPurchase()'
            class="btn bcGreen colorWhite py-2 px-3 font-weight-bol
            modalBtn"  >
                Submit
            </button>
            <div id="cartError"></div>
                <!-- Modal -->
            <div class="modal fade" id="exampleModal" tabindex="-1"
            aria-labelledby="exampleModalLabel" aria-hidden="true"
            id="myModal">
                <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                    <h5 class="modal-title"
                    id="exampleModalLabel">Purchase made</h5>
                    <button type="button" class="close" data-
                    dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">&times;</span>
                    </button>
                    </div>
                    <div class="modal-body">
                     Your purchase has succeeded. Expect
                     shipment soon. Thank you for your trust
                    </div>
                    <div class="modal-footer">
                    <button type="button" class="btn btn-secondary"
                     data-dismiss="modal">Close</button>
                    </div>
                </div>
                </div>
            </div>
    </form>
</div>
```

```html
            </div>
            <div class="col-12 col-md-5 col-lg-4 py-5">
                <h3 class="font-weight-bold font-italic text-center
                 colorRottenCherry">Cart status</h3>
                <div id="cartStatus">
                </div>
                <div class="row my-4">
                    <div class="col-6 text-center">
                        <p>Total price</p>
                        <p id="totalPrice"></p>
                    </div>
                    <div class="col-6 text-center">
                        <p>Remove all from cart</p>
                        <button onclick="removeAllFromCart()" class="removeButton
                         colorMint py-1 px-1">Remove all</button>
                    </div>
                </div>
            </div>
            <div class="col-12 col-md-3 text-center col-lg-4 py-5" id="cart">
                <img src="img/flat-design-g85fbe6512_640.png" alt="Shopping bag"
                class="my-5"/>
            </div>
        </div>
    </div>
    <footer>
        <div class="container-fluid">
            <div id="footer">
                <div class="row mb-5 ">
                    <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                        <p class="footerCol py-1"><i class="fas fa-phone-alt "></i>
                         Call us: +381 123 4567</p>
                    </div>
                    <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                        <p class="footerCol py-1"><i class="fas fa-envelope "></i>
                          Email us: dreamy@gmail.com</p>
                    </div>
                     <div class="col-12 col-sm-6 col-lg-3  mb-2 text-center">
                        <p class="footerCol py-1"><i class="fas fa-map-marker-
                        alt"></i> Visit us at: <a href="https://g.page/golden-
                        ulip-zira-belgrade?share" target="_blank" class="text-
                        decoration-none colorWhite"> Zira, Belgrade</a></p>
                    </div>
                    <div class="col-12 col-sm-6 col-lg-3  mb-2 text-center">
                        <p class="footerCol py-1"></i> Dream big!</p>
                    </div>
```

```html
                </div>
                <div class="row">
                    <div class="col-12 col-sm-6 col-lg-3 text-center">
                        <img alt="logo" src="img/logo1.png"/>
                    </div>
                    <div class="col-12 col-sm-6 col-lg-3 text-center
                        colorRottenCherry">
                        <h4 class="font-italic font-weight-bold">About</h4>
                        <h5 class="font-weight-bold">Small business furniture
                        shop</h5>
                    </div>
                    <div class="col-12 col-sm-6 col-lg-3 text-center
                    colorRottenCherry">
                        <h4 class="font-italic font-weight-bold">Documentation</h4>
                        <a href="Documentation/documentation.pdf" target="_blank"
                        class=" colorRottenCherry font18"><i class="fas fa-file-
                        lt"></i></a>
                    </div>
                    <div class="col-12 col-sm-6 col-lg-3 text-center
                     colorRottenCherry">
                        <h4 class="font-italic font-weight-bold">Find us</h4>
                        <div id="socialN">
                        </div>
                    </div>
                </div>
                <div class="row">
                    <div class="col-12 text-center colorRottenCherry">
                        <h6 class="font-weight-bold">Copyright &copy; Dreamy|
                        Furniture shop</h6>
                    </div>
                </div>
            </div>
        </div>
    </footer>
    <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
    integrity="sha384-
    DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
fQybjgWLrvvRgtW6bFlB7jaZrFsaBXjsOMm/tB9LTS58ONXgqbR9W8oWht/amnpF"
crossorigin="anonymous"></script>
    <script
  src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
```

```
                <script type="text/javascript" src="js/main.js"></script>
        </body>
</html>
```

author.html

```
<!DOCTYPE html>
<html>
    <head>
        <title>Dreamy | Author</title>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <meta name="keywords" content="products,cart, author, store"/>
        <meta name="description" content="Dreamy furniture store, something about our
        author"/>
        <link rel="shortcut icon" href="img/logo1.png"/>
        <script src="https://kit.fontawesome.com/ce9a3cdf18.js"
         crossorigin="anonymous"></script>
        <link rel="stylesheet"
         href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css"
         integrity="sha384-
         zCbKRCUGaJDkqS1kPbPd7TveP5iyJE0EjAuZQTgFLD2ylzuqKfdKlfG/eSrtxUkn"
         crossorigin="anonymous">
        <link type="text/css" rel="stylesheet" href="css/style.css"/>
    </head>
    <body>
        <header>
            <div class="container">
                <nav class="navbar navbar-expand-lg navbar-light">
                    <a class="navbar-brand" href="index.html"><img alt="logo"
                    src="img/logo1.png"/></a>
                    <button class="navbar-toggler" type="button" data-toggle="collapse"
                     data-target="#navbarTogglerDemo02" aria-
                     controls="navbarTogglerDemo02" aria-expanded="false" aria-
                     label="Toggle navigation">
                      <span class="navbar-toggler-icon"></span>
                    </button>
                    <div class="collapse navbar-collapse" id="navbarTogglerDemo02">
                      <ul class="navbar-nav mr-auto mt-2 mt-lg-0 text-center
                      colorRottenCherry" id="navigation">
                      </ul>
                      <div id="cart" class="colorPink">
                        <i class="fas fa-cart-arrow-down mr-3"></i>
```

```html
                    <span>0</span>
                </div>
                </div>
            </nav>
        </div>
    </header>
    <div class="container my-4">
        <div class="row">
            <div class="col-12 col-lg-6 text-center mb-3" id="authorImg">
                <img src="img/DSC02387-2.jpg" alt="author"/>
            </div>
            <div class="col-12 col-lg-6">
                <div class="card py-3 px-4" id="authorText">
                    <div class="card-body">
                        <h4 class="card-title">My name is Anica Radenković</h4>
                        <h6 class="card-subtitle mb-2 text-muted">Here's something
                        about me</h6>
                        <p class="card-text fontSize">Date of birth: 14.02.2002</p>
                        <p class="card-text fontSize">Status: Student</p>
                        <p class="card-text fontSize">Place of study: ICT College</p>
                        <p class="card-text fontSize">Module: Web programming</p>
                        <p class="card-text fontSize">Title after graduation:
                        Professional Engineer of Electrical Engineering and
                        Computing</p>
                        <p class="card-text fontSize">Objective: Acquiring adequate
                        knowledge, expertise and skills to work in creative places in
                        the field of programming</p>
                        <a href="https://anica02.github.io/portfolioWebPage/"
                        class="card-link fontSize" target="_blank">My portfolio</a>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <footer>
        <div class="container-fluid">
            <div id="footer">
                <div class="row mb-5 ">
                    <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                        <p class="footerCol py-1"><i class="fas fa-phone-alt"></i>
                        Call us: +381 123 4567</p>
                    </div>
                    <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                        <p class="footerCol py-1"><i class="fas fa-envelope"></i>
                        Email us: dreamy@gmail.com</p>
```

```html
                </div>
                <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                    <p class="footerCol py-1"><i class="fas fa-map-marker-
                    alt"></i> Visit us at: <a href="https://g.page/golden-
                    ulip-zira-belgrade?share" target="_blank" class="text-
                    decoration-none colorWhite"> Zira, Belgrade</a></p>
                </div>
                <div class="col-12 col-sm-6 col-lg-3 mb-2 text-center">
                    <p class="footerCol py-1"></i> Dream big!</p>
                </div>
            </div>
            <div class="row">
                <div class="col-12 col-sm-6 col-lg-3 text-center">
                    <img alt="logo" src="img/logo1.png"/>
                </div>
                <div class="col-12 col-sm-6 col-lg-3 text-center
                    colorRottenCherry">
                    <h4 class="font-italic font-weight-bold">About</h4>
                    <h5 class="font-weight-bold">Small business furniture
                    shop</h5>
                </div>
                <div class="col-12 col-sm-6 col-lg-3 text-center
                colorRottenCherry">
                    <h4 class="font-italic font-weight-bold">Documentation</h4>
                    <a href="Documentation/documentation.pdf" target="_blank"
                    class="colorRottenCherry font18"><i class="fas fa-file-
                    lt"></i></a>
                </div>
                <div class="col-12 col-sm-6 col-lg-3 text-center
                 colorRottenCherry">
                    <h4 class="font-italic font-weight-bold">Find us</h4>
                    <div id="socialN">
                    </div>
                </div>
            </div>
            <div class="row">
                <div class="col-12 text-center colorRottenCherry">
                    <h6 class="font-weight-bold">Copyright &copy; Dreamy|
                    Furniture shop</h6>
                </div>
            </div>
        </div>
    </div>
</footer>
<script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
```

```
    integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
        <script
    src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-fQybjgWLrvvRgtW6bFlB7jaZrFsaBXjsOMm/tB9LTS58ONXgqbR9W8oWht/amnpF"
    crossorigin="anonymous"></script>
        <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
        <script type="text/javascript" src="js/main.js"></script>
    </body>
</html>
```

style.css

```css
@import
url('https://fonts.googleapis.com/css2?family=EB+Garamond:ital@1&display=swap');
@import url('https://fonts.googleapis.com/css2?family=EB+Garamond&display=swap');
*{
    margin:0px;
    padding:0px;
    font-family: 'EB Garamond', serif;
}
header{
    font-family: 'EB Garamond', serif;

}
ul{
    list-style-type: none;
}

ul li{
    display: inline;
}

ul li a{
    font-size:25px;
    color:#7D4F50 !important;
}

ul li a:hover{
    border-bottom: #839791 2px solid;
    text-decoration: none;
```

```css
}

.colorRottenCherry{
    color:#7D4F50;
}
.colorMint{
    color:#839791;
}
.colorPink{
    color:#CC8B86;
}
.colorWhite{
    color:#fff;
}
.font26{
    font-size: 26px;
}
.font18{
    font-size:18px;
}
#navigation i{
    display: none;
}

#banner{
    background-image: url("../img/living-room-g1b3b990f6_1280.jpg");
    background-size: cover;
    width: 100%;
    height: 680px;
    border-radius: 5px;
}

#motto{
    width: 30%;
    margin-top: 17%;
    margin-bottom: 3%;
    border: 2px solid #7D4F50;
    border-radius: 5px;
    background-color: #ffff;
    padding: 30px 10px;
}

#buttons-Links{
    margin:1 auto;
}
```

```css
.dugme{
    border: 1px solid #7D4F50;
    background-color: #ffff;
    font-weight: bold;
    font-size: 20px;
}
.dugme:hover{
    color:#7D4F50;
    box-shadow: 3px 4px #839791;
}
.btnCart{
    border: 1px solid #7D4F50;
    background-color: #ffff;
    font-size: 15px;
}
.btnCart:hover{
    color:#7D4F50;
    box-shadow: 3px 4px #839791;
}
.description{
    padding:2%;
    height: inherit;
}
.centering{
    margin:0 auto;
}
.top-margin{
    margin-top:10%;
}

#footer{
    border-top:2px solid #839791;
    border-radius: 5px;
    padding: 2% 0;
}

#cart span{
    font-size: 26px;
    border:1px solid #7D4F50;
    padding:3px 15px;
    border-radius: 5px 10px;
}
#cart i{
    font-size: 26px;
}
```

```css
#cart i:hover{
    font-size: 30px;
}
.borderCards{
    border:2px solid #839791;
    border-radius: 20px 5px;
    border-style: outset;
    padding: 4% 2%;
}

.borderLi{
    border-color: #839791;
    border-style: inset;
}
.week{
    background-color: #839791;
    color:#fff;
    border-radius:5px 10px;
}
.spring{
    background-color:#CC8B86;
    color:#fff;
    border-radius:5px 10px;
}
.holiday{
    background-color:#7D4F50;
    color:#fff;
    border-radius:5px 10px;
}
.filterC{
    background-color:#AA998F;
    color:#fff;
    border-radius: 5px 10px;
}

.pointer {
    cursor: pointer;
}
input[type=search]{
    border: none;
    border-bottom:2px solid #7D4F50;
    padding: 5px;
}
.fontIS{
    font-size: 22px;
```

```css
}
.inStock{
    color:green;
    font-size: 17px;
}
.outStock{
    color:#ae2012;
    font-size: 17px;
}
.fontSize{
    font-size: 19px;
}
.footerCol{
    background-color:#839791;
    border-radius: 5px 10px;
    color:#fff;
    font-size: 18px;
}
.fontSI{
    font-size:25px
}
#socialN a:hover{
    color:#839791;
}
#cart{
    width:30%;
}
#cart img{
    width: 70%;
}
.bcGreen{
    background-color:#839791
}
.widthNum{
    width:60%;
}
.removeButton{
    border: 1px solid #7D4F50;
    border-radius: 5px 10px;
    background-color: #ffff;
    font-weight: bold;
    font-size: 17px;
}
#authorImg img{
    border-radius: 10px 30px;
```

```css
}
#authorText{
    border-radius: 10px 30px;
    border:3px solid #7D4F50;
}

@media screen and (max-width:769px){
    ul li{
        display: block !important;
    }
    #navigation i{
        display: block !important;
    }

}
@media screen and (max-width:426px){
    .centering{
        font-size:20px;
    }
    #banner{
        height: 300px;
    }

    #motto h2{
        font-size: 12px;
        padding:0px;
    }
    .dugme{
        font-size:14px;
    }
}
```

categories.json

```json
[
    {
        "id":1,
        "name":"Lamp"
    },
    {
```

```json
        "id":2,
        "name":"Table"
    },
    {

        "id":3,
        "name":"Armchair"
    },
    {

        "id":4,
        "name":"Sofa"
    },
    {

        "id":5,
        "name":"Nightstand"
    }
]
```

colors.json

```json
[
    {

        "id":1,
        "name":"Black"
    },
    {

        "id":2,
        "name":"Pink"
    },
    {

        "id":3,
        "name":"White"
    },
    {

        "id":4,
        "name":"Green"
    },
    {

        "id":5,
        "name":"Yellow"
    },
    {

        "id":6,
        "name":"Blue"
```

```
        }
]
```

discounts.json

```json
[
    {
        "id":1,
        "name":"Discount Week",
        "cssStyle":"week"
    },
    {
        "id":2,
        "name":"Spring Cleaning",
        "cssStyle":"spring"
    },
    {
        "id":3,
        "name":"Holiday discount",
        "cssStyle":"holiday"
    }

]
```

nav.json

```json
[
    {
        "href":"index.html",
        "text":"Home"
    },
    {
        "href":"products.html",
        "text":"Products"
    },
    {
        "href":"cart.html",
        "text":"Cart"
    },
    {
```

```json
        "href":"author.html",
        "text":"Author"
    }
]
```

productDes.json

```json
[
    {
        "id":1,
        "img":{
            "src":"lamp4.png",
            "alt":"Lamp 4"
        },
        "title":"LAMPS",
        "description":{
            "h4":"We offer a different range of lamps, variety in color, shape and
             light intensity",
            "h5":"Light your home with our lamps"
        }
    },
    {
        "id":2,
        "img":{
            "src":"Table 3.png",
            "alt":"Table 3"
        },
        "title":"TABLES",
        "description":{
            "h4":"We offer a wide range of tables, from nightstands to tables for the
             living room",
            "h5":"Where is the best place to put your things away than our tables"
        }
    },
    {
        "id":3,
        "img":{
            "src":"Armchair6.jpg",
            "alt":"Armchair 6"
        },
        "title":"ARMCHAIRS",
        "description":{
            "h4":"We provide a wide range of armchairs, which differ in material,
             appearance and color. Comfort is guaranteed",
```

```
            "h5":"Make your living room look better with our products"
        }
    },
    {
        "id":4,
        "img":{
            "src":"Sofa1.png",
            "alt":"Sofa 1"
        },
        "title":"SOFAS",
        "description":{
            "h4":"We provide a wide range of sofas, a variety of colors, sizes and
             materials",
            "h5":"It doesn't matter if you are reading a book or relaxing, our sofa
            provides great comfort"
        }
    }

]
```

roomsImg.json

```
[
    {
        "id":1,
        "img":{
            "src":"room1.jpg",
            "alt":"Room 1"
        }
    },
    {
        "id":2,
        "img":{
            "src":"room2.jpg",
            "alt":"Room 2"
        }
    },
    {
        "id":3,
        "img":{
            "src":"room5.jpg",
            "alt":"Room 5"
        }
```

```
    },
    {
        "id":4,
        "img":{
            "src":"room4.jpg",
            "alt":"Room 4"
        }
    }

]
```

socialNetworks.json

```
[
    {
        "id":1,
        "icon":"fab fa-instagram-square",
        "href":"https://www.instagram.com/_sweetheart55_/"
    },
    {
        "id":2,
        "icon":"fab fa-twitter-square",
        "href":"https://twitter.com/anika99black"
    },
    {
        "id":3,
        "icon":"fab fa-linkedin",
        "href":"https://www.linkedin.com/in/anica-radenkovi%C4%87-9519b3206/"
    },
    {
        "id":4,
        "icon":"fab fa-facebook-square",
        "href":"https://www.facebook.com/anica.radenkovic96/"
    },
    {
        "id":5,
        "icon":"fab fa-github-square",
        "href":"https://github.com/anica02"
    }
]
```

products.json

```json
[
    {
        "id":1,
        "name":"SOLKLINT",
        "categoryId":1,
        "img":{
            "src":"lamp1.png",
            "alt":"Lamp 1"
        },
        "discountId":1,
        "price":{
            "active":37.15,
            "discount":55.73
        },
        "colorId":6,
        "supplies": true

    },
    {

        "id":2,
        "name":"VIMLE",
        "categoryId":4,
        "img":{
            "src":"Sofa1.png",
            "alt":"Sofa 1"
        },
        "discountId":1,
        "price":{
            "active":241.47,
            "discount":260.06
        },
        "colorId":6,
        "supplies": true

    },
    {

        "id":3,
        "name":"FRIHETEN",
        "categoryId":3,
        "img":{
            "src":"Armchair1.png",
            "alt":"Armchair 1"
        },
        "discountId":3,
        "price":{
```

```json
            "active":213.61,
            "discount":250.77
        },
        "colorId":5,
        "supplies": false

    },
    {

        "id":4,
        "name":"MALM",
        "categoryId":5,
        "img":{
            "src":"nightstand1.png",
            "alt":"Nightstand 1"
        },
        "discountId":2,
        "price":{
            "active":83.58,
            "discount":92.88
        },
        "colorId":3

    },
    {

        "id":5,
        "name":"TONVIS",
        "categoryId":1,
        "img":{
            "src":"lamp5.png",
            "alt":"Lamp 5"
        },
        "discountId":null,
        "price":{
            "active":46.43,
            "discount":null
        },
        "colorId":2,
        "supplies": true

    },
    {

        "id":6,
        "name":"GLOSTAD",
        "categoryId":4,
        "img":{
```

```json
            "src":"Sofa3.png",
            "alt":"Sofa 3"
        },
        "discountId":null,
        "price":{
            "active":222.91,
            "discount":null
        },
        "colorId":4,
        "supplies": false

    },
    {
        "id":7,
        "name":"PELLO",
        "categoryId":3,
        "img":{
            "src":"Armchair2.png",
            "alt":"Armchair 2"
        },
        "discountId":null,
        "price":{
            "active":352.94,
            "discount":null
        },
        "colorId":6,
        "supplies": true

    },
    {
        "id":8,
        "name":"TOFTERYD",
        "categoryId":2,
        "img":{
            "src":"Table5.png",
            "alt":"Table 5"
        },
        "discountId":null,
        "price":{
            "active":269.34,
            "discount":null
        },
        "colorId":1,
        "supplies": true
```

```json
    },
    {
        "id":9,
        "name":"ASTRID",
        "categoryId":1,
        "img":{
            "src":"lamp3.png",
            "alt":"Lamp 3"
        },
        "discountId":1,
        "price":{
            "active":25.08,
            "discount":26.93
        },
        "colorId":4,
        "supplies": true

    },
    {

        "id":10,
        "name":"LANDSKRONA",
        "categoryId":4,
        "img":{
            "src":"Sofa2.png",
            "alt":"Sofa 2"
        },
        "discountId":3,
        "price":{
            "active":1764.68,
            "discount":2229.07
        },
        "colorId":5,
        "supplies": true

    },
    {

        "id":11,
        "name":"EKERO",
        "categoryId":3,
        "img":{
            "src":"Armchair4.png",
            "alt":"Armchair 4"
        },
        "discountId":2,
        "price":{
```

```json
            "active":566.55,
            "discount":603.71
        },
        "colorId":3,
        "supplies": false

    },
    {

        "id":12,
        "name":"LACK",
        "categoryId":5,
        "img":{
            "src":"nightstand5.png",
            "alt":"Nightstand 5"
        },
        "discountId":3,
        "price":{
            "active":13.93,
            "discount":16.72
        },
        "colorId":2,
        "supplies": true


    }

]
```

main.js

```javascript
let categories, colors, discounts;
function ajaxCall(fileName,outcome){
    $.ajax({
        url:"json/"+fileName,
        method:"get",
        dataType:"json",
        success:outcome,
        error:function(xhr){
            console.log(xhr);
        }
    });
}
function setItem(name,data){
  localStorage.setItem(name,JSON.stringify(data));
}
```

```javascript
function getItem(name){
  return JSON.parse(localStorage.getItem(name));
}
window.onload = function(){
    let url=window.location.pathname;
    if(url=="/dreamy/" || url=="/dreamy/index.html"){

    ajaxCall("nav.json", function (data){
      navigationBar(data)
    });
    cartLength();

    ajaxCall("productDes.json", function(data){
      productCardDes(data);
    });

    ajaxCall("roomsImg.json", function(data){
      roomsImg(data);
    });

    ajaxCall("socialNetworks.json", function(data){
      socialNetHtml(data);
    });

    window.addEventListener("scroll", apperCard);
    }

  if(url=="/dreamy/products.html"){

    ajaxCall("nav.json", function (data){
      navigationBar(data)
    });

    ajaxCall("categories.json", function(data){
        fetchCategories(data);
        categories=data;
        ajaxCall("colors.json", function(data){
          fetchColors(data);
          colors=data;
          ajaxCall("discounts.json",function(data){
            discounts=data;
            ajaxCall("products.json", function (data){
              setItem('products', data);
              productsHtml(data);
              cartLength();
```

```javascript
            ajaxCall("socialNetworks.json", function(data){
                socialNetHtml(data);
            })
        });
      });
    });
});


$("#priceSort").change(allFilters);
$("#nameSort").change(allFilters);
$("#discountFilter").change(allFilters);
$(".radioS").change(allFilters);
$("#find").blur(allFilters);
$("#removeFilter").click(removeAll);


}

if(url=="/dreamy/cart.html"){

  ajaxCall("nav.json", function (data){
    navigationBar(data)
  });
  cartLength();
  let cartP = getItem('cart');
  getItem('products');
  if(cartP==null){
    emptyCart();
  }
  else{
    showCart();
  }

  ajaxCall("socialNetworks.json", function(data){
    socialNetHtml(data);
  })


}

if(url=="/dreamy/author.html"){
  ajaxCall("nav.json", function (data){
    navigationBar(data)
  });
```

```javascript
      ajaxCall("socialNetworks.json", function(data){
        socialNetHtml(data);
      });
    }
}

function roomsImg(data){

  let html="";

  for(let img of data){
    html+=`<div class="col-12 col-sm-6 col-lg-3 mb-3">
            <div class="card bg-dark text-white cardRoom">
              <img src="img/${img.img.src}" class="card-img"  alt="${img.img.alt}">
            </div>
          </div>`;
  }
  $("#room").html(html);
}

function productCardDes(data){
  let html="";
  for(let card of data){
    html+=`
          <div class="row top-margin borderCards cardP col-12 ml-1">
            <div class="col-sm-4 border-right">
              <img src="img/${card.img.src}" alt="${card.img.alt}" class="w-100"/>
            </div>
            <div class="col-sm-8">
              <div class="description text-left">
                <h3 class="font-italic text-center">${card.title}</h3>
                <h4 class="mt-4">${card.description.h4}</h4>
                <h5 class="mt-4">${card.description.h5}</h5>
                <a class="btn dugme colorMint mt-4" href="products.html">View more</a>
              </div>
            </div>
          </div>`;
  }

  $("#productDes").html(html);
}

function socialNetHtml(data){

  let html="";
```

```javascript
  for(let soc of data){
    html+=`<a href="${soc.href}" target="_blank" class="colorRottenCherry fontSI mr-
2"><i class="${soc.icon}"></i></a>`
  }

  $('#socialN').html(html);
}

function fetchCategories(data){
  let html="";
  let divCategories=document.getElementById("categories");

  for(let cat of data){
      html+=`<li class="list-group-item borderLi">
                  <input type="checkbox" value="${cat.id}" name="chCat${cat.id}"
class="chCat" id="${cat.id}"> ${cat.name}
            </li>`
  }
  divCategories.innerHTML=html;

  $(".chCat").change(allFilters);

}

function fetchColors(data){
  let html="";
  let divColors=document.getElementById("colors");
  for(let col of data){
      html+=`<li class="list-group-item borderLi">
                  <input type="checkbox" value="${col.id}" name="chCol${col.id}"
class="chCol" id="chCol${col.id}"> ${col.name}
            </li>`
  }
  divColors.innerHTML=html;
  $(".chCol").change(allFilters);
}



function navigationBar(data){
  let html = "";
  let divNav = document.querySelector("#navigation");
  for(let id of data){
```

```javascript
        html+=` <li class="nav-item"><a class="nav-link"
href="${id.href}">${id.text}</a></li>`;
  }
  divNav.innerHTML=html;
}

function productsHtml(data){

  let html="";
  let divProducts=document.getElementById("products");
  data=filterCategories(data);
  data=filterColors(data);
  data=filterByDiscount(data);
  data=sortByName(data);
  data=stockCheck(data);
  data=sortByPrice(data);
  data=modelSearch(data);



  if(data.length==0){
    html=`<div class="col-12">
          <p class="alert-danger my-5 text-center py-2 font-weight-bold">No products
were found</p>
        </div>`;
  }
  else{
    for(let product of data){
      html+=`<div class="col-12 col-sm-6  col-lg-4 col-xl-3 product">
        <div class="card mb-5 py-3 px-4 text-center cardWidth">
          <div>
            ${addDiscount(product.discountId)}
          </div>

          <img src="img/${product.img.src}" class="card-img-top "
alt="${product.img.alt}">
            <div class="card-body text-left">
              <h4 class="card-title">${product.name}</h4>
              <h5 class="card-text">${productPrice(product.price)}</h5>
              <h6 class="card-text">${addData(product.colorId, colors)} /
${addData(product.categoryId, categories)}</h6>
              <div>
                ${productStatus(product.supplies, product.id)}
              </div>
```

```
            </div>
          </div>
      </div>`;
  }


  }
  divProducts.innerHTML=html;
  $(".btnCart").click(addToCart);



}

function addDiscount(disId){

  let html="";

  if(disId!=null){
    for(dis of discounts){
      if(dis.id==disId){
        html=`<div class="text-left pl-2 ${dis.cssStyle}">
              <h5 class="py-1 font-italic">${dis.name}</h5>
            </div>`;
      }
    }
  }
  return html;
}


function addData(id,array){

  let html="";

  for(let p of array){
    if(p.id==id){
      html=`${p.name}`;
    }
  }
  return html;
}

function productPrice(price){

  let html="";
```

```javascript
   if(price.discount!=null){
     html=` ${price.active}$  <s>${price.discount}$</s>`;
   }
   else{
     html=` ${price.active}$`;
   }
   return html;
}

function productStatus(status,id){

   if(status){
      return `<button type="button" class="btn btnCart colorMint font-weight-bold" data-
id="${id}">
            PURCHASE
            </button>
         <p class="card-text inStock text-right"><i class="fas fa-check-circle"></i>
In stock</p>`;
   }
   else{
     return `<p class="card-text outStock  text-right"><i class="fas fa-times-
circle"></i> Out of stock</p>`
   }
}

function filterCategories(data){
  let catArray=[];
     $('.chCat:checked').each(function (){
        catArray.push(parseInt($(this).val()));
     })
     if(catArray.length!=0){
      return data.filter((item) => catArray.includes(item.categoryId));
     }
     return data;

}//DOBAR

function filterColors(data){
  let catArray=[];
     $('.chCol:checked').each(function (){
        catArray.push(parseInt($(this).val()));
     })

     if(catArray.length!=0){
       return data.filter((item) => catArray.includes(item.colorId));
```

```javascript
    }
    return data;

}//DOBAR

function sortByPrice(data){
let sortTypeP= document.getElementById("priceSort").value;
    if(sortTypeP == 'asc'){
    return data.sort((a,b) => a.price.active > b.price.active? 1 : -1);

    }
    else if(sortTypeP == 'desc'){
      return data.sort((a,b) => a.price.active < b.price.active ? 1 : -1);

    }
    return data;
}


function sortByName(data){
  let sortTypeN= document.getElementById("nameSort").value;
  if(sortTypeN!=""){
    data.sort(function (a,b){
     if(sortTypeN=="asc"){
      if(a.name>b.name){
        return -1;
      }
      else if(a.name<b.name){
        return 1;
      }
      else{
        return 0;
      }
     }
     else{
      if(a.name<b.name){
        return -1;
      }
      else if(a.name>b.name){
        return 1;
      }
      else{
        return 0;
      }
     }
    }
```

```javascript
    });
        return data;
  }
     return data;
}

function filterByDiscount(data){

  let filterType= document.getElementById("discountFilter").value;

  if(filterType!=0){
    return data.filter(x=>x.discountId==filterType);
  }
  return data;

}

function stockCheck(data){

  let filterStock = document.getElementsByName('radioS');

  for(let fil in filterStock){
    if(filterStock[fil].checked && filterStock[fil].value=="inStock"){
      return data.filter(x => x.supplies);
    }

    else if(filterStock[fil].checked && filterStock[fil].value=="outOfStock"){
      return data.filter(x =>x.supplies==false);
    }
  }
  return data;
}

function modelSearch(data){

  let model= document.getElementById("find").value;

  if(model){
    return data.filter(function(el){
      if(el.name.toUpperCase().indexOf(model.trim().toUpperCase())!=-1){
        return el;
      }
    });
  }
```

```javascript
    else{
      return data;
    }

}

$('.colV').click(changeView);

function changeView(){

  var products=document.querySelectorAll('.product');

  if($(this).data('value')==2){
    for(let i=0;i<products.length;i++){
      products[i].classList.remove("col-lg-4","col-xl-3", "col-xl-4");
      products[i].classList.add("col-lg-5","col-xl-5");
    }
  }

  else if($(this).data('value')==3){
    for(let i=0;i<products.length;i++){
      products[i].classList.remove("col-xl-3", "col-xl-5","col-lg-5");
      products[i].classList.add("col-lg-4","col-xl-4");
    }
  }

  else{
    let product = getItem('products');
      productsHtml(product);
  }

}

function allFilters(){

  let product = getItem('products');
  productsHtml(product);

}

function removeAll(){
  $("#priceSort").val("");
  $("#nameSort").val("");
  $("#discountFilter").val(0);
```

```javascript
    $("#find").val(null);
    $("input[type=radio][name=radioS]").prop('checked', false);
    $('.chCat').prop('checked', false);
    $('.chCol').prop('checked', false);
    var products=document.querySelectorAll('.product');
    for(let i=0;i<products.length;i++){
      products[i].classList.remove("col-lg-5"||"col-lg-4");
    }
    let product = getItem('products');
    productsHtml(product);
}


$(document).ready(function(){
  $('#filterP ul > li ul')
    .click(function(e){
      e.stopPropagation();
    })
    .filter(':not(:first)')
    .hide();

  $('#filterP ul > li').click(function(){
    var selfClick = $(this).find('ul:first').is(':visible');
    if(!selfClick) {
      $(this)
        .parent()
        .find('> li ul:visible')
        .slideToggle();
    }

    $(this)
      .find('ul:first')
      .stop(true, true)
      .slideToggle();
  });
});

//CART

function addToCart(){
    let idProduct=$(this).data('id');
    let cartP = getItem('cart');

    if(cartP){
      if(existingProduct()){
```

```javascript
      updateCart();
    }
    else{
      addNewProduct();
      cartLength();
    }
  }else{
    addProduct();
    cartLength();
  }

  function addProduct(){
    let products=[];
    products[0]={
      id:idProduct,
      quantity:1
    }
    setItem('cart', products);
  }
  function existingProduct(){
    return cartP.filter(p=>p.id==idProduct).length;
  }

  function updateCart(){
    let cartP=getItem('cart');
    for(let p of cartP){
      if(p.id==idProduct){
        p.quantity++;
        break;
      }
    }
    setItem('cart', cartP);
  }

function addNewProduct(){
  let cartP=getItem('cart');

  cartP.push({
    id:idProduct,
    quantity:1
  });
  setItem('cart', cartP);
}

}
```

```javascript
function cartLength(){
      let cartP = getItem('cart');
      let numberP="";

      if(cartP){
        numberP=cartP.length;
      }
      else{
       numberP=0;
      }
      $("#cart span").html(numberP);
}

function emptyCart(){
  let html=`<div class="col-12">
            <p class="alert-danger my-5 text-center py-2 font-weight-bold">Cart is
empty</p>
          </div>`;
   $("#cartStatus").html(html);
}

function showCart(){
  let products=getItem('products');
  let cartP = getItem('cart');

  let product = products.filter(p=>{
    for(let prod of cartP){
        if(p.id==prod.id){
          p.quantity=prod.quantity;
          return true;
        }
    }
    return false;
  })
  showCartProducts(product);
}

function showCartProducts(product){
  let html="";
  let cartDiv=document.getElementById('cartStatus');
  let total=0;

  html=`<div class="row">
          <div class="col text-center">
```

```
                <p>Product</p>
            </div>
            <div class="col text-center">
              <p>Name</p>
            </div>
            <div class="col text-center">
              <p>Quantity</p>
            </div>
            <div class="col text-center">
              <p>Price</p>
             </div>
            <div class="col text-center">
              <p></p>
            </div>
        </div>`;
    for(let p of product){
       html+=`<div class="row">
               <div class="col text-center">
               <img src="img/${p.img.src}" class="w-100" alt="${p.img.alt}">
                </div>
               <div class="col text-center py-4">
                 <p>${p.name}</p>
               </div>
               <div class="col text-center py-4">
                 <p>${p.quantity}
               </div>
               <div class="col text-center py-4">
                 <p>${p.price.active*p.quantity}</p>
               </div>
               <div class="col text-center py-4">
                 <button onclick='remove(${p.id})' class="removeButton py-1 px-
1">Remove</button>
               </div>
         </div>`;
         total+=p.price.active*p.quantity;
    }
       if(total==0){
         $("#totalPrice").html("");

       }else{
         $("#totalPrice").html(total);
       }
   cartDiv.innerHTML=html;

}
```

```javascript
function remove(id){
    let product = getItem('cart');
    let filter = product.filter(p=>p.id!=id);
    setItem('cart', filter);
    showCart();
    cartLength();
}

function removeAllFromCart(){
  localStorage.removeItem('cart');
  emptyCart();
  cartLength();
  $("#totalPrice").html("");
}

//FORM

function submitPurchase(){

  var name,adress, number, payment, delivery;
  var valueName, valueAdress, valueNumber;
  nizPodaci = [];
  name = document.querySelector("#flName");
  valueName = name.value;
  adress = document.querySelector("#adress");
  valueAdress = adress.value;
  number = document.querySelector("#phoneNumber");
  valueNumber = number.value;
  payment = document.querySelector("#payment");
  delivery = document.getElementsByName("delivery");

  let errors=0;

  //name

  let reName=/^[A-ZČĆŠĐŽ]{1}[a-zčćšđž]{2,15}(\s[A-ZČĆŠĐŽ]{1}[a-zčćšđž]{2,15})+$/;

  if(reName.test(valueName)){
    document.querySelector("#inputName > div").innerHTML = `<p class=" text-success"><i class="far fa-check-circle"></i></p>`;

  }
  else{
```

56

```javascript
    document.querySelector("#inputName > div").innerHTML =  `<p class="text-danger"><i
class="fas fa-exclamation-circle "></i> Name and surname aren't entered in a good
format</p>`;
    errors++;
  }

  //adress

  let reAdress=/^[A-ZČĆŠĐŽ]{1}[a-zčćšđž]{2,15}(\s[A-ZČĆŠĐŽ]{1}[a-
zčćšđž]{0,15})*\s[\d]{1,5}(\s[A-ZČĆŠĐŽ]{1}[a-zčćšđž]{2,15})*,(\s[A-ZČĆŠĐŽ]{1}[a-
zčćšđž]{2,10})+\s[\d]{5}$/;

  if(reAdress.test(valueAdress)){
    document.querySelector("#inputAdress > div").innerHTML = `<p class="text-
success"><i class="far fa-check-circle"></i></p>`;

  }
  else{
    document.querySelector("#inputAdress > div").innerHTML = `<p class="text-danger"><i
class="fas fa-exclamation-circle "></i> Address is not entered in a good form</p>`;

    errors++;

  }
  //phoneNumber

  let reNumber=/^06[0-689][0-9]{6,9}$/;
  if(reNumber.test(valueNumber)){
    document.querySelector("#inputNumber > div").innerHTML = `<p class="text-
success"><i class="far fa-check-circle "></i></p>`;
  }
  else{
    document.querySelector("#inputNumber > div").innerHTML =`<p class="text-danger"><i
class="fas fa-exclamation-circle "></i> Phone number is not entered in a good
form</p>`;

    errors++;

  }

  //payment

  if(payment.options[payment.options.selectedIndex].value=="0"){
    document.querySelector("#selectPayment > div").innerHTML =`<p class="text-danger"
<i class="fas fa-exclamation-circle  "></i> You must select a payment method</p>`;
```

```javascript
        errors++;
    }
    else{
        document.querySelector("#selectPayment > div").innerHTML = `<p class="text-success"><i class="far fa-check-circle "></i></p>`;



    }


    //delivery

    var value=" ";
    for(let i=0;i<delivery.length;i++){
        if(delivery[i].checked){
            value = delivery[i].value;
            break;
        }
    }



    if(value!=" "){
        document.querySelector("#inputDelivery > div").innerHTML =`<p class="text-success"><i class="far fa-check-circle"></i></p>`;
    }
    else{

        document.querySelector("#inputDelivery > div").innerHTML = `<p class="text-danger"><i class="fas fa-exclamation-circle  "></i>You must select a delivery method</p>`;
        errors++;
    }

    //chechCart
    let cart = getItem('cart');
    let button =document.querySelector(".modalBtn");
    let errorMessage =`<p class="text-danger"><i class="fas fa-exclamation-circle "></i> Your cart is empty, add products so you can purchase them</p>`;
    if(cart==null){
     errors++;
     button.removeAttribute("data-toggle");
     button.removeAttribute("data-target");
        $("#cartError").html(errorMessage);
    }
    else{
```

```
    if(errors==0){
      button.setAttribute("data-toggle","modal");
      button.setAttribute("data-target","#exampleModal");


    }
    removeAllFromCart();
  }
}
```