

Visoka škola strukovnih studija za
informacione i komunikacione tehnologije

Mobile Shop

<https://tamarapav.github.io/MobileShop/>

Tamara Pavlović 175/18

Smer: Internet Tehnologije

Modul: Web programiranje

Predmet: Web programiranje 2

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Uvod

Korišćeni programski jezici

Korišćena tehnologija, programski jezici:

- HTML, CSS3
- JavaScript, JQuery, Ajax, JSON
- FontAwesome font u ikonicama
- Bootstrap, Materialize

Za pisanje koda korišćen je Visual Studio Code.

Opis funkcionalnosti

Sajt poseduje sledeće funkcionalnosti:

1. Dinamičko ispisivanje podataka iz JSON fajlova preko Ajax-a sledećih delova sajta:
 - Meni na svakoj stranici
 - Najprodavaniji proizvodi na Home stranici
 - Članovi tima na Home I About Us stranici
 - Spisak brendova koji se nalaze u shop-u na Home stranici I u formi
 - Kategorije I proizvodi na Products stranici
 - Komentari na About Us stranici
2. Filtriranje I sortiranje proizvoda po zadatim kriterijumima na Products stranici.
3. Dodavanje proizvoda u korpu I brisanje iz iste uz pomoć LocalStorage-a.

Template

Template nije korišćen iz drugih izvora nego je samostalno pisan, stoga će to biti prikazano u sklopu koda na narednim stranicama.

Organizacija

Organizaciona šema

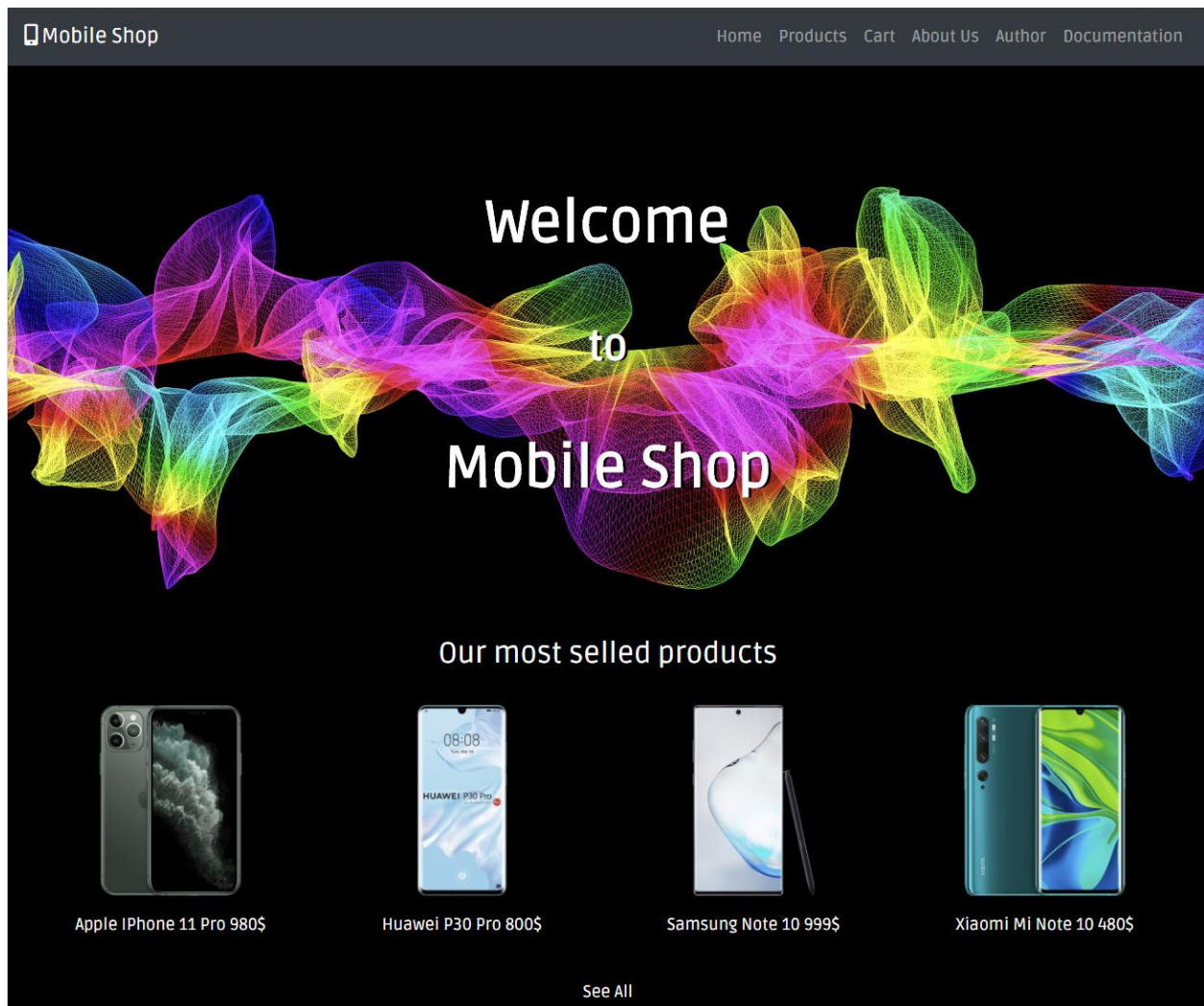
Sa svake stranice se može pristupiti svakoj stranici.

Mapa sajta

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset>
<url>
  <loc>https://tamarapav.github.io/MobileShop/index.html</loc>
  <lastmod>2020-03-17T17:47:00+00:00</lastmod>
  <priority>1.00</priority>
</url>
<url>
  <loc>https://tamarapav.github.io/MobileShop/products.html</loc>
  <lastmod>2020-03-17T17:47:00+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://tamarapav.github.io/MobileShop/aboutus.html</loc>
  <lastmod>2020-03-17T17:47:00+00:00</lastmod>
  <priority>0.80</priority>
</url>
</urlset>
```

Stranice

Index.html – Welcome I Najprodavaniji proizvodi



Index.html – Članovi tima, Brendovi, Repair Service I Forma

About Us




We are a small local store placed in the center of Delridge, Seattle

Meet Our Team

Ted

Tamara

Alex



See more

In our shop you can buy





- Apple
- Honor
- Huawei
- Samsung
- Xiaomi

We also provide phone repair services

If your phone has a broken screen, silly virus who won't leave you alone or you simply can't turn it on, come by our store and we can help you!

Our Address: 7712 Delridge Way SW

Or if you don't have time to stop by, fill up the form and send us a message. We will do our best to help you as soon as possible!



Your name:

Insert Your name

Brand:

Choose

Describe your problem:

SEND

Email:

Insert Your email

Model:

Model

Klikom na dugme Send, podaci se pomoću regularnih izraza validiraju. Ukoliko uneta vrednost ne odgovara kriterijumima, pojavljuje se crvena linija oko polja koje nije u redu.

Your name:

s

Email:

aaa

Brand:

Choose

Model:

a

Describe your problem:

SEND

Products.html – Prikaz proizvoda

Na ovoj stranici se inicijalno prikazuju svi proizvodi. Klikom na neki brend, izborom operativnog sistema ili memorije telefona, proizvodi se filtriraju. Izborom sort opcije, sortiraju se po zadatom kriterijumu.

Mobile Shop

HomeProductsCartAbout UsAuthorDocumentation

Brand

Apple

Honor

Huawei

Samsung

Xiaomi


OS

Choose

Memory

Choose

Sort: Choose




Apple

iPhone 11 Pro

980\$

SPECIFICATION

BUY




Apple

iPhone 11

850\$

SPECIFICATION

BUY




Apple

iPhone XS

870\$

SPECIFICATION

BUY




Apple

iPhone 8

530\$

SPECIFICATION

BUY




Honor

8X

180\$

SPECIFICATION

BUY




Honor

20

340\$

SPECIFICATION

BUY



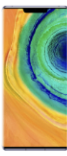
Honor

20 Lite

200\$

SPECIFICATION

BUY



Huawei

Mate 30 Pro

970\$

SPECIFICATION

BUY

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Klikom na dugme Specification prikazuju se dodatni podaci o proizvodu.

Mobile Shop

HomeProductsCartAbout UsAuthorDocumentation

Brand

Apple

Honor

Huawei

Samsung

Xiaomi


OS

Choose

Memory

Choose

Sort: Choose



Apple

iPhone 11 Pro

980\$

SPECIFICATION


BUY

OS: iOS

Rare camera: 12 + 12 + 12 MP

Front camera: 12 MP

Memory: 128 GB



Apple

iPhone 11

850\$

SPECIFICATION


BUY

OS: iOS

Rare camera: 12 MP

Front camera: 12 MP

Memory: 64 GB




Apple

iPhone XS

870\$

SPECIFICATION

BUY



Apple

iPhone 8

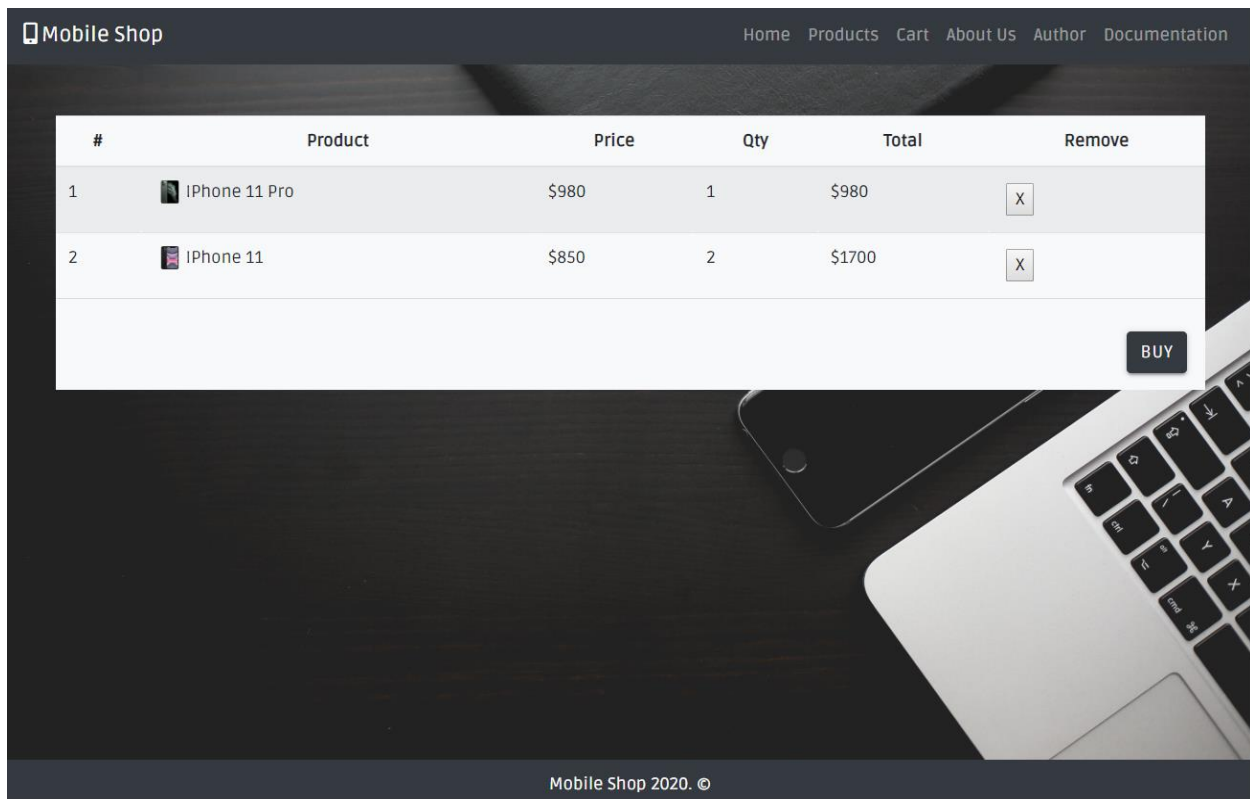
530\$

SPECIFICATION



BUY

Klikom na dugme Buy, proizvod se ubacuje u korpu.

Cart.html – Prikaz korpe

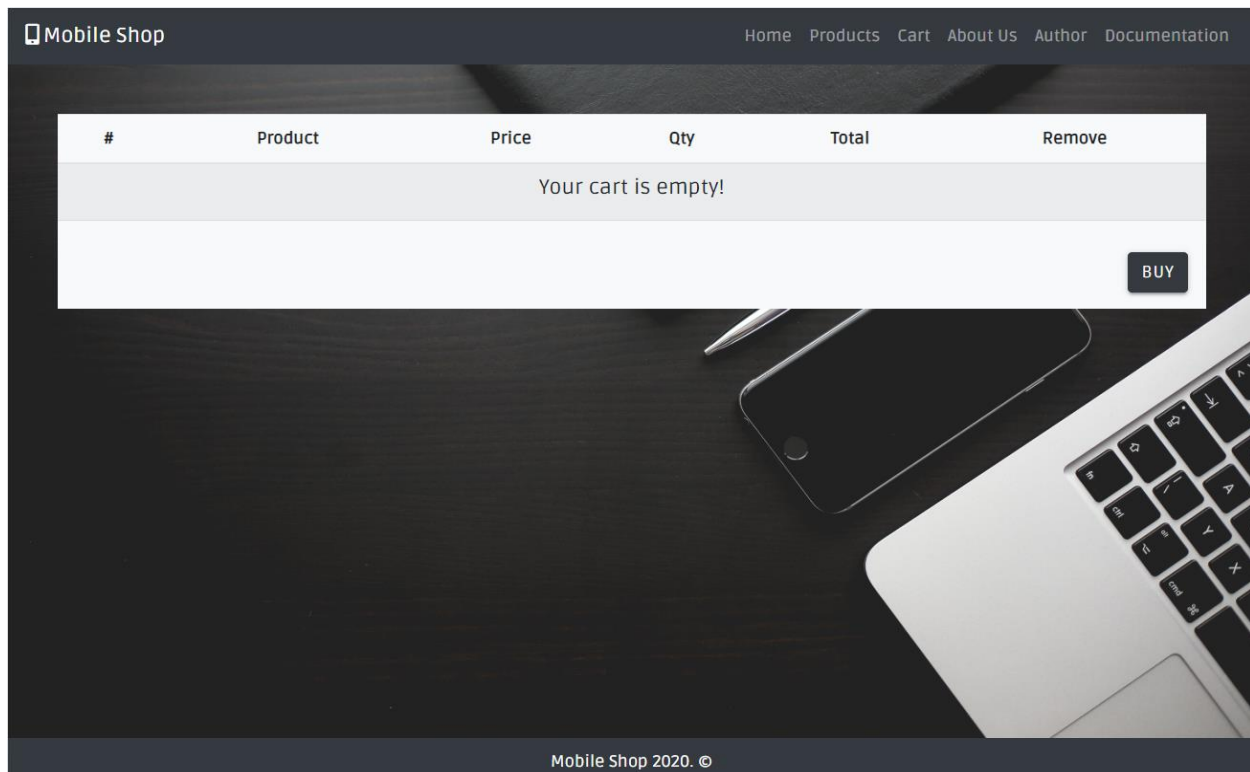


The screenshot shows the 'Mobile Shop' website with a dark header containing navigation links: Home, Products, Cart, About Us, Author, and Documentation. The main content area features a white cart table with the following data:

#	Product	Price	Qty	Total	Remove
1	 iPhone 11 Pro	\$980	1	\$980	<input type="button" value="X"/>
2	 iPhone 11	\$850	2	\$1700	<input type="button" value="X"/>

Below the table is a 'BUY' button. The footer of the page reads 'Mobile Shop 2020. ©'.

Ako u korpi nema proizvoda prikazuje se sledeći tekst.




The screenshot shows the 'Mobile Shop' website with the same dark header. The main content area displays a white cart table with the following data:

#	Product	Price	Qty	Total	Remove
Your cart is empty!					


Below the table is a 'BUY' button. The footer of the page reads 'Mobile Shop 2020. ©'.

Aboutus.html – Informacije o članovima tima I komentari kupaca

 Mobile Shop


HomeProductsCartAbout UsAuthorDocumentation

Mobile Shop Crew




Ted

Ted is the head of our Mobile Shop. Born in Seattle, graduated at North Seattle College, he opened our shop in 2010. with his son Alex. He is the guy who keeps our prices low and our customers happy.



Tamara

Tamara comes from Serbia, where she graduated at The ICT College of Applied Studies. Tamara is here to keep our website alive and to recommend the best products based on your needs.



Alex

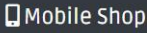
Alex graduated at North Seattle College, like his father. He is out tech-guy. If you have a problem, his face is the one you want to see. People say that he is too generous with repair cost, but he says he likes to make people happy.

They said about us


<p>"I had a problem with my Iphone, the Camera App wasn't working, but Alex, the sweetest guy fixed within a minute. I definitely recomend this place!"</p> <p>Anna</p>	<p>"I wanted to surprise my girlfriend with a new phone, but I wasn't sure which one would she like. Tamara gave me the best advice, my girlfriend was thrilled!"</p> <p>David</p>	<p>"Proffesional. Quality. Safe buy. Best store in Seattle!"</p> <p>Jake</p>	<p>"I had a problem with my headphones, it was a small problem with wire connection and Alex fixed it for free!"</p> <p>Meredith</p>
---	--	--	--

Mobile Shop 2020. ©

Autor.html – Podaci o autoru

 Mobile Shop

Home Products Cart About Us Author Documentation



My name is Tamara Pavlović, I live in Mladenovac, Serbia. Currently I am a student at The ICT College of Applied Studies - Internet Technologies. When I was a little girl I wanted to be many things when I grow up, but when I saw the beauty and creativity of Web Design, I instantly fell in love with it.

My portfolio: Tamara Pavlović

Mobile Shop 2020. ©

Kodovi

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Mobile Shop</title>
  <meta name="description" content="Welcome to Mobile Shop! Here you can find latest mobile devices and equipment!">
  <meta name="keywords" content="mobile, shop, phone, services">
  <meta name="robots" content="index, follow" />
  <link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">
  <link href="https://fonts.googleapis.com/css?family=Calligraffiti|Ruda&display=swap" rel="stylesheet">
  <script src="https://kit.fontawesome.com/6a571d5020.js"></script>
  <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css">
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
  <link rel="stylesheet" type="text/css" href="assets/css/style.css"/>
</head>
<body>
  <div class="container-fluid navbar navbar-expand-sm navbar-dark bg-dark white-text">
    <a class="navbar-brand" href="index.html"><i class="fas fa-mobile-alt mr-1"></i>Mobile Shop</a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#meni" aria-controls="meni" aria-expanded="false" aria-label="Toggle navigation"> <span class="navbar-toggler-icon"></span></button>

    <div class="collapse navbar-collapse" id="meni">
```

```

    </div>

</div>
<div id="welcome" class="p-5">
    <div id="welcometext">
        <h1 class="p-5">Welcome</h1>
        <h2 class="p-1">to</h2>
        <h1 class="p-5">Mobile Shop</h1>
    </div>
</div>

<div class="container-fluid" id="topProizvodi">
    <h3 class="text-center text-white pt-2">Our most sold products</h3>
    <div class="row pt-2 m-0" id="topProduct">

        </div>
        <p class="text-center p-2 m-0"><a class="text-
white" href="products.html">See All</a></p>
    </div>

<div class="container-fluid p-0" id="us" >
    <div class="row m-0">
        <div class="col-sm-12 col-md-6 col-lg-6">
            <h3 class="p-3 text-center">About Us</h3>
            <p class="text-
center">We are a small local store placed in the center of Delridge, Seattle</p>
            <p class="text-center">Meet Our Team</p>
            <ul class="text-center p-2 mt-2 list-inline" id="crew1">

                </ul>
                <a class="text-white" href="aboutus.html">See more</a>
            </div>
            <div class="col-sm-12 col-md-6 col-lg-6">
                <h3 class="p-3 text-center">In our shop you can buy</h3>
                <ul class="text-center p-4 mt-2" id="buy">

                    </ul>
                </div>
            </div>
</div>

```

```

<div class="container-fluid" id="services">
  <div class="row m-0">
    <div class="col-md-6 col-sm-12 pt-2">
      <h4 class="text-center p-
3">We also provide phone repair services</h4>
      <p class="text-center p-
3">If your phone has a broken screen, silly virus who won't leave you alone or yo
u simply can't turn it on, come by our store and we can help you!</p>
      <p class="text-center p-
1">Our Adress: 7712 Delridge Way SW</p>
      <p class="text-center p-
3">Or if you don't have time to stop by, fill up the form and send us a message.
We will do our best to help you as soon as possible!</p>
      <p class="text-center"><a class="text-white p-
3 icons" href="#"><i class="fab fa-facebook fa-2x"></i></a>
      <a class="text-white p-3 icons" href="#"><i class="fab fa-
instagram fa-2x"></i></a>
      <a class="text-white p-3 icons" href="#"><i class="fas fa-
at fa-2x"></i></a>
      <a class="text-white p-3 icons" href="#"><i class="fab fa-
whatsapp fa-2x" ></i></a></p>
    </div>
    <div class="col-md-6 col-sm-12 pt-2">
      <form class="m-
3" name="autorcontact" action="" method="get" id="autorcontact">
        <div class="row p-0 m-0">
          <div class="col-6">
            <label class="white-text" for="name">Your name:</label>
            <input id="name" class="white-
text" type="text" placeholder="Insert Your name" name="name" required>
          </div>
          <div class="col-6">
            <label class="white-text" for="email">Email:</label><br/>
            <input id="email" class="white-
text" type="email" placeholder="Insert Your email" name="email" required>
          </div>
        </div>
        <br/>
        <div class="row p-0 m-0">
          <div class="col-6">
            <label class="white-text" for="email">Brand:</label>
            <div id="formBrand">

          </div>
        </div>
      </form>
    </div>
  </div>

```

```

        <div class="col-6">
            <label class="white-text" for="model">Model:</label>
            <input id="model" class="white-
text" type="text" placeholder="Model" name="model">
        </div>
    </div><br/>

        <label class="white-
text" for="message">Describe your problem:</label><br/>
        <textarea id="message" class="white form-control black-
text" rows="3"></textarea>
        <div class="center">
            <button id="sendMessage" type="submit" class="btn btn-
dark btn-md white-text mt-1">Send</button>
        </div>
    </form>
</div>
</div>

<div class="container-fluid bg-dark" id="footer">
    <p class="text-center white-text">Mobile Shop 2020. &copy;</p>
</div>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.
js"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstra
p.min.js" integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="an
onymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/ma
terialize.min.js"></script>
    <script src="assets/js/ispis.js"></script>
    <script src="assets/js/main.js"></script>
</body>
</html>

```

Products.html

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Mobile Shop</title>
    <meta name="description" content="List of products available at our store
.">
    <meta name="keywords" content="phone, samsung, huawei, iphone, xiaomi, ho
nor">
    <meta name="robots" content="index, follow" />
    <link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">
    <link href="https://fonts.googleapis.com/css?family=Ruda&display=swap" rel=
l="stylesheet">
    <script src="https://kit.fontawesome.com/6a571d5020.js"></script>
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel=
"stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/mater
ialize/1.0.0/css/materialize.min.css">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap
/4.3.1/css/bootstrap.min.css" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQU0hcWr7x9JvoRxT2MZw1T" crossorigin="an
onymous">
    <link rel="stylesheet" type="text/css" href="assets/css/style.css"/>

  </head>
<body>
  <div class="container-fluid navbar navbar-expand-sm navbar-dark bg-
dark white-text">
    <a class="navbar-brand" href="index.html"><i class="fas fa-mobile-
alt mr-1"></i>Mobile Shop</a>

    <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#meni" aria-controls="meni" aria-
expanded="false" aria-label="Toggle navigation"> <span class="navbar-toggler-
icon"></span></button>

    <div class="collapse navbar-collapse" id="meni">

    </div>

  </div>

```



```

<div class="container-fluid p-0">
  <div class="row m-0 p-0">
    <div class="col-md-3 col-sm-12 pt-2" id="categories">
      <h5 class="pt-5"><a id="brand" class="text-
white" href="#">Brand</a></h5>
      <ul class="pt-3" id="brend">

      </ul>
      <h5 class="pt-5">OS</h5>
      <div id="os" class="pt-4">

      </div>
      <h5 class="pt-5">Memory</h5>
      <div id="memory" class="pt-4 pb-4">

      </div>

    </div>
    <div class="col-md-9 col-sm-12 pt-2">
      <div class="row m-0">
        <div class="col-6 p-0 m-0 d-flex flex-row">
          <p class="p-1">Sort:</p>
          <select id="sort" name="sort" class="custom-
select custom-select-sm">
            <option value="0">Choose</option>
            <option class="sortiraj" data-sort="name" data-
order="asc" value="1">Name A-Z</option>
            <option class="sortiraj" data-sort="name" data-
order="desc" value="2">Name Z-A</option>
            <option class="sortiraj" data-sort="price" data-
order="asc" value="3">Price low to high</option>
            <option class="sortiraj" data-sort="price" data-
order="desc" value="4">Price high to low</option>
          </select>
        </div>
      </div>
      <div class="row m-0" id="products">

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

<div class="container-fluid bg-dark" id="footer">
  <p class="text-center white-text">Mobile Shop 2020. &copy;</p>

```

```
</div>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js"></script>
    <script src="assets/js/ispis.js"></script>
    <script src="assets/js/main.js"></script>

</body>
</html>
```

Cart.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Mobile Shop</title>
    <meta name="description" content="Shopping cart">
    <meta name="keywords" content="cart, item, price">
    <meta name="robots" content="index, follow" />
    <link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">
    <link href="https://fonts.googleapis.com/css?family=Ruda&display=swap" rel="stylesheet">
    <script src="https://kit.fontawesome.com/6a571d5020.js"></script>
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
    <link rel="stylesheet" type="text/css" href="assets/css/style.css"/>
  </head>
  <body>
    <div class="container-fluid navbar navbar-expand-sm navbar-dark bg-dark white-text">
      <a class="navbar-brand" href="index.html"><i class="fas fa-mobile-alt mr-1"></i>Mobile Shop</a>

      <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#meni" aria-controls="meni" aria-expanded="false" aria-label="Toggle navigation"> <span class="navbar-toggler-icon"></span></button>

      <div class="collapse navbar-collapse" id="meni">

      </div>

    </div>
```

```

<div class="container-fluid pt-5 m-0 black" id="cart">
  <div class="container bg-light">
    <div class="row">
      <table class="table table-striped">
        <thead>
          <tr>
            <th scope="col">#</th>
            <th scope="col">Product</th>
            <th scope="col">Price</th>
            <th scope="col">Qty</th>
            <th scope="col">Total</th>
            <th scope="col">Remove</th>
          </tr>
        </thead>
        <tbody id="itemsInCart">

          </tbody>
        </table>
        <div class="ml-auto">
          <button id="kupi" class="btn bg-dark text-light m-
3" value="Buy">Buy</button>
        </div>
      </div>
    </div>
  </div>

  <div class="container-fluid bg-dark" id="footer">
    <p class="text-center white-text">Mobile Shop 2020. &copy;</p>
  </div>

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.
js"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstra
p.min.js" integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="an
onymous"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/ma
terialize.min.js"></script>
  <script src="assets/js/ispis.js"></script>
  <script src="assets/js/main.js"></script>

```

```
<script src="assets/js/cart.js"></script>
```

```
</body>
```

```
</html>
```

Aboutus.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Mobile Shop</title>
    <meta name="description" content="Meet our shop crew who will help you with any problem.">
    <meta name="keywords" content="crew, shop, about ">
    <meta name="robots" content="index, follow" />
    <link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">
    <link href="https://fonts.googleapis.com/css?family=Ruda&display=swap" rel="stylesheet">
    <script src="https://kit.fontawesome.com/6a571d5020.js"></script>
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/materialize/1.0.0/css/materialize.min.css">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
    <link rel="stylesheet" type="text/css" href="assets/css/style.css"/>
  </head>
  <body>
    <div class="container-fluid navbar navbar-expand-sm navbar-dark bg-dark white-text">
      <a class="navbar-brand" href="index.html"><i class="fas fa-mobile-alt mr-1"></i>Mobile Shop</a>

      <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#meni" aria-controls="meni" aria-expanded="false" aria-label="Toggle navigation"> <span class="navbar-toggler-icon"></span></button>

      <div class="collapse navbar-collapse" id="meni">

      </div>

    </div>
```

```

<div class="container-fluid text-center p-0" id="aboutus">
<div class="blur">
  <div class="container">
    <h1 class="p-5">Mobile Shop Crew</h1>
    <div class="row m-0" id="crew2">

    </div>
    <div>
      <h3 class="p-3 text-center">They said about us</h3>
    </div>
    <div class="row m-0" id="comments">

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

<div class="container-fluid bg-dark" id="footer">
  <p class="text-center white-text">Mobile Shop 2020. &copy;</p>
</div>

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"
"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-U02eT0CpHqD5JQ6hJty5KVphhtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEeAff/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js"></script>
  <script src="assets/js/ispis.js"></script>
  <script src="assets/js/main.js"></script>

```

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


Autor.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Mobile Shop</title>
  <meta name="description" content="Find out something about author of this site.">
  <meta name="keywords" content="about me, autor">
  <meta name="robots" content="index, follow" />
  <link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">
  <link href="https://fonts.googleapis.com/css?family=Ruda&display=swap" rel="stylesheet">
  <script src="https://kit.fontawesome.com/6a571d5020.js"></script>
  <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css">
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQU0hcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
  <link rel="stylesheet" type="text/css" href="assets/css/style.css"/>
</head>
<body>
  <div class="container-fluid navbar navbar-expand-sm navbar-dark bg-dark white-text">
    <a class="navbar-brand" href="index.html"><i class="fas fa-mobile-alt mr-1"></i>Mobile Shop</a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#meni" aria-controls="meni" aria-expanded="false" aria-label="Toggle navigation"> <span class="navbar-toggler-icon"></span></button>

    <div class="collapse navbar-collapse" id="meni">

    </div>

  </div>
```

```

        <div class="container-fluid p-0 m-0" id="autor">
            <div class="blur">
                <div class="container">
                    <div class="row p-0 m-0">
                        <div class="col-sm-12 col-md-6 col-lg-6" id="autorimg" ></div>
                        <div class="col-sm-12 col-md-6 col-lg-6 p-4"><p class="text-left p-1 m-1">My name is Tamara Pavlović, I live in Mladenovac, Serbia. Currently I am a student at The ICT College of Applied Studies - Internet Technologies. When I was a little girl I wanted to be many things when I grow up, but when I saw the beauty and creativity of Web Design, I instantly fell in love with it.</p>
                            <p class="text-left p-1 m-0">My portfolio: <a class="text-white" href="https://tampavportfolio.000webhostapp.com/">Tamara Pavlović</a></p>
                        </div>
                    </div>
                </div>
            </div>
        </div>

        <div class="container-fluid bg-dark" id="footer">
            <p class="text-center white-text">Mobile Shop 2020. &copy;</p>
        </div>

        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
        <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js"></script>
        <script src="assets/js/ispis.js"></script>
        <script src="assets/js/main.js"></script>

```

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

style.css

```
body {
  font-family: 'Ruda', sans-serif;
}
h1 {
  font-size: 3.5rem;
}
h2 {
  font-size: 2.5rem;
}
h1, h2, h3, h4 {
  text-shadow: 3px 1px 0px black;
}
#welcome {
  background-image: url("../images/background.jpg");
  background-size: cover;
  background-repeat: no-repeat;
  background-position: right top;
  text-align: center;
  color: white;
}
#welcometext {
  margin: 20px auto;
  -webkit-text-stroke: 1px #FFF;
}
#topProizvodi {
  background-color: black;
}
#us {
  background-image: url("../images/office.jpg");
  background-size: cover;
  background-repeat: no-repeat;
  background-position: center;
  text-align: center;
  color: white;
}
#services {
  background-color: black;
  color: white;
}
#aboutus, #autor, #cart {
  background-image: url("../images/office.jpg");
  background-size: cover;
```

```

    background-repeat: no-repeat;
    background-position: center;
    text-align: center;
    color:white;
}
#autorimg {
    margin: 0 auto;
}
.blur {
    backdrop-filter: blur(10px);
}
#footer {
    padding-top:10px;
    padding-bottom:10px;
    padding-left:0;
    padding-right:0;
    height:40px;
}
#footer p {
    margin-bottom:0;
}

input:focus {
    border-bottom: 1px solid white !important;
}
.error {
    border: 1px solid red !important;
}
.grow {
transition: all .2s ease-in-out;
}

.grow:hover {
transform: scale(1.1);
}
.icons:hover {
    border-bottom: 1px solid white;
}
#categories {
    background-color: black;
    color: white;
}

#cart {

```

```
    min-height:600px;
}

@media only screen and (max-width: 450px) {
    h1 {
        font-size:32px;
    }
    h2 {
        font-size:25px;
    }
}
@media only screen and (min-width: 815px) {
    #welcometext {
        width:50%;
    }
}
@media only screen and (min-width: 768px) {
    .full {
        height: 100vh;
    }
}
```

Ispis.js

```
$(document).ready(function(){

    $("#sort").change(sortiraj);
    showProducts();
    $("#brand").click(showProducts);

    //Meni
    $.ajax({
        url : "assets/data/menu.json",
        method : "GET",
        dataType : "json",
        success: function(meni){
            ispis= `


```

```

        for(let cat of categories){
            if (cat.type == 'brand'){
                iBrend += `<li class="p-2"><a data-
id="${cat.id}" class="text-
white filter" href="products.html">${cat.category}</a></li>`;
                bBrend += `<li class="p-2 text-white">${cat.category}</li>`;
                fBrend += `<option value="${cat.id}">${cat.category}</option>
`;
            }
            else if (cat.type == 'os'){
                iOs += `<option value="${cat.id}">${cat.category}</option>`;
            }
            else if (cat.type == 'memory'){
                iMemory += `<option value="${cat.id}">${cat.category}</option>`;
            }
        }
        iOs+=`</select>`;
        iMemory+=`</select>`;
        fBrend += `</select>`;
        $("#brend").html(iBrend);
        $("#buy").html(bBrend);
        $("#os").html(iOs);
        $("#memory").html(iMemory);
        $("#formBrand").html(fBrend);
        $(".filter").click(filtrirajBrend);
        $("#os").change(filtrirajOs);
        $("#memory").change(filtrirajMemory);

    },
    error : function(xhr, error, status) {
        alert(status);
    }
})

//Zaposleni
$.ajax({
    url : "assets/data/crew.json",
    method : "GET",
    dataType : "json",
    success: function(crew){
        ispisIndex= ``;
        ispisAbout= ``;
        for(let c of crew){
            ispisIndex += `<li class="list-inline-item p-2"><p class="text-
center">${c.name}</p></li>`;

```



```

        ispisAbout += `<div class="col-sm-12 col-md-6 col-lg-4">
            <h4 class="text-center">${c.name}</h4>
            
            <p class="p-4">${c.description}</p>
        </div>`;
    }
    $("#crew1").html(ispisIndex);
    $("#crew2").html(ispisAbout);
},
error : function(xhr, error, status) {
    alert(status);
}
})
//Komentari
$.ajax({
    url : "assets/data/comments.json",
    method : "GET",
    dataType : "json",
    success: function(comments){
        ispis= ``;
        for(let com of comments){
            ispis += `<div class="col-sm-12 col-md-6 col-lg-3 card-panel bg-
dark">

                <p class="text-left p-2">${com.comment}</p>
                <p class="text-right p-2">${com.name}</p>
            </div>`;
        }
        $("#comments").html(ispis);
    },
    error : function(xhr, error, status) {
        alert(status);
    }
})

//Top proizvodi
ajaxProducts(function(products){
    ispis= ``;
    for(let p of products){
        if(p.top)
            ispis += `<div class="col-sm-12 col-md-6 col-lg-3">
                <div class="text-center card black grow">
                    <a href="products.html"></a>

```

```

                <p class="text-
white">${p.brand.name} ${p.name} ${p.price}$</p>
            </div>
        </div>`;
    }
    $("#topProduct").html(ispis);
}
);

});
function ajaxProducts(callbackSuccess){
    $.ajax({
        url: "assets/data/products.json",
        method: "GET",
        success: callbackSuccess
    });
}
function showProducts() {
    ajaxProducts(function(products){
        ispis= ``;
        printProduct(products);
    }
);
}

function filtrirajBrend(blok){
    blok.preventDefault();

    let catId = $(this).data('id');
    ajaxProducts(function(products){
        products = products.filter(x => x.brand.id == catId);

        ispis= ``;
        printProduct(products);
    }
);
}

function printProduct(products) {

    for(let p of products){
        ispis += `<div class="col-lg-3 col-md-6 col-sm-12 p-2">
        

```

```

        <p class="text-center">${p.brand.name}</p>
        <p class="text-center">${p.name}</p>
        <p class="text-center">${p.price}$</p>
        <p class="text-center">
            <a class="btn btn-dark mt-1" data-
toggle="collapse" href="#collapse${p.id}" role="button" aria-
expanded="false" aria-controls="collapse${p.id}">Specification</a>
            <a class="btn btn-dark storage mt-1" data-
id="${p.id}" role="button" href="#">Buy</a>
        </p>
        <div class="collapse" id="collapse${p.id}">
            <p class="text-center p-0">OS: ${p.os}</p>
            <p class="text-center p-0">Rare camera: ${p.camera.rare} MP</p>
            <p class="text-center p-0">Front camera: ${p.camera.front} MP</p>
            <p class="text-center p-0">Memory: ${p.memory} GB</p>
        </div>
    </div>`;
}

$("#products").html(ispis);
$(".storage").click(addToCart);
}

function filtrirajOs(){
    var os = $("#os option:selected").text();
    ajaxProducts(function(products){
        ispis= ``;
        if(os == "Choose") {
            printProduct(products);
        }
        else {
            products = products.filter(x => x.os == os);
            printProduct(products);
        }
    })
};

function filtrirajMemory(){
    var memory = $("#memory option:selected").text();
    ajaxProducts(function(products){
        ispis= ``;

```

```

        if(memory == "Choose") {
            printProduct(products);
        }
        else {
            products = products.filter(x => x.memory == memory);
            printProduct(products);
        }
    }
    );
}

function sortiraj(){
    let sort = $(this).find(':selected').data('sort');
    let order = $(this).find(':selected').data('order');
    var os = $("#os option:selected").text();
    var memory = $("#memory option:selected").text();
    ajaxProducts(function(products){

        if(os == "Choose" || memory == "Choose")
        {
            ispis = ``;
            sortiranje(products, sort, order);
            printProduct(products);
        }
        if(os == "Choose" && memory !== "Choose")
        {
            ispis = ``;
            var x = products.filter(x => x.memory == memory);
            sortiranje(x, sort, order);
            printProduct(x);
        }
        if(os !== "Choose" && memory == "Choose")
        {
            ispis = ``;
            var x = products.filter(x => x.os == os);
            sortiranje(products, sort, order);
            printProduct(x);
        }
        if(os !== "Choose" && memory !== "Choose")
        {
            ispis = ``;
            products = products.filter(x => x.os == os);
            products = products.filter(x => x.memory == memory);
            sortiranje(products, sort, order);
            printProduct(products);
        }
    });
}

```

```

    }
  }
);
}
function sortiranje(products, sort, order) {
  products.sort(function(x,y){
    let first = (sort=="price")? x.price : x.name;
    let second = (sort=="price")? y.price : y.name;
    if(first > second)
      return order=='asc' ? 1 : -1;
    else if(first < second)
      return order=='asc' ? -1 : 1;
    else
      return 0;
  });
}

function productsInCart() {
  return JSON.parse(localStorage.getItem("products"));
}
function addToCart(){
  let id = $(this).data("id");

  var products = productsInCart();

  if(products) {

    if(isItInCart()){
      addOneMore();
    }else {
      addToLocalStorage();
    }
  } else {
    addItemToLocalStorage();
  }
}

function isItInCart(){
  x = products.filter(x=> x.id == id).length;
  return x;
}

```

```

function addToLocalStorage(){
    let products = productsInCart();
    products.push({
        id:id,
        q:1
    });
    localStorage.setItem("products", JSON.stringify(products));
    alert("Item is added to cart!");
}

function addOneMore() {
    let products = productsInCart();
    for (let i in products) {
        if(products[i].id ==id){
            products[i].q++;
            break;
        }
    }
    localStorage.setItem("products", JSON.stringify(products));
    alert("Item is added to cart!");
}

function addItemToLocalStorage(){
    let products = [];
    products[0] = {
        id:id,
        q:1
    };
    localStorage.setItem("products", JSON.stringify(products));
    alert("Item is added to cart!");
}
}

```

Main.js

```
window.onload = function (){
    $("#sendMessage").click(function(event){
        event.preventDefault();
        checkForm();
    });
}

function checkForm() {

    var poljeName = document.querySelector("#name");
    var poljeEmail = document.querySelector("#email");
    var poljeModel = document.querySelector("#model");
    var dropBrand = document.querySelector("#fBrend");
    var poljeMessage = document.querySelector("#message");

    var reName, reEmail, reModel;

    reName = /^[A-Z][a-z]{1,12}(\s[A-Z][a-z]{1,19})+$/;
    reModel = /^[A-Za-z0-9]{2,16}$/;
    reEmail = /^\\w+([.-]?[\\w\\d]+)*@\\w+([.-]?[\\w\\d]+)*(\\.\\w{2,4})+$/;

    if(poljeName.value == ""){
        poljeName.classList.add("error");
    }
    else{
        if(!reName.test(poljeName.value)){
            poljeName.classList.add("error");
        }else{
            poljeName.classList.remove("error");
        }
    }

    if(poljeEmail.value == ""){
        poljeEmail.classList.add("error");
    }
    else{
        if(!reEmail.test(poljeEmail.value)){
            poljeEmail.classList.add("error");
        }else{

```

```

        poljeEmail.classList.remove("error");
    }
}

if(poljeModel.value == ""){
    poljeModel.classList.add("error");
}
else{
    if(!reModel.test(poljeModel.value)){
        poljeModel.classList.add("error");
    }else{
        poljeModel.classList.remove("error");
    }
}

if(dropBrand.value == 0){
    dropBrand.classList.add("error");
}
else{
    dropBrand.classList.remove("error");
}

if(poljeMessage.value == ""){
    poljeMessage.classList.add("error");
}
else{
    poljeMessage.classList.remove("error");
}
}

```


Cart.js

```
$(document).ready(function () {

    checkForProducts();
});

function displayCartData() {
    let products = JSON.parse(localStorage.getItem("products"));

    $.ajax({
        url : "assets/data/products.json",
        success : function(data) {
            let showProducts = [];
            data = data.filter(p => {
                for(let prod of products)
                {
                    if(p.id == prod.id) {
                        p.q = prod.q;
                        return true;
                    }
                }
                return false;
            });
            itemCreation(data)
        }
    });
}

function itemCreation(products) {
    let html = ``;
    let br=1;
    for(let p of products) {
        html += "<tr><td>"+br+"</td>";

        html += `<td>${p.name}</td>
        <td>${p.price}</td>
        <td>${p.q}</td>
        <td>${p.price * p.q}</td>
        <td>
            <div>
                <div class="p-
1"><button onclick='removeFromCart(${p.id})'>X</button> </div>
```

```

        </div>
    </td>
</tr>`;
    br++;
}

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

function showEmptyCart() {
    $("#itemsInCart").html("<tr><td class='center' colspan='6'><h5>Your cart is empty!</h5></td></tr>")
}

function removeFromCart(id) {
    let products = JSON.parse(localStorage.getItem("products"));
    let filtered = products.filter(p => p.id !== id);

    localStorage.setItem("products", JSON.stringify(filtered));

    checkForProducts();
}

function checkForProducts() {
    let products = JSON.parse(localStorage.getItem("products"));
    console.log(products);
    if(products == null || products == 0)
        showEmptyCart();
    else
        displayCartData();
}

```

Categories.json

```
[
  {
    "id" : 1,
    "category" : "Apple",
    "type" : "brand"
  },
  {
    "id" : 2,
    "category" : "Honor",
    "type" : "brand"
  },
  {
    "id" : 3,
    "category" : "Huawei",
    "type" : "brand"
  },
  {
    "id" : 4,
    "category" : "Samsung" ,
    "type" : "brand"
  },
  {
    "id" : 5,
    "category" : "Xiaomi" ,
    "type" : "brand"
  },
  {
    "id" : 6,
    "category" : "iOS" ,
    "type" : "os"
  },
  {
    "id" : 7,
    "category" : "Android" ,
    "type" : "os"
  },
  {
    "id" : 8,
    "category" : "256" ,
    "type" : "memory"
  },
  {
    "id" : 9,
```

```
    "category" : "128" ,  
    "type" : "memory"  
  },  
  {  
    "id" : 10,  
    "category" : "64" ,  
    "type" : "memory"  
  },  
  {  
    "id" : 11,  
    "category" : "32" ,  
    "type" : "memory"  
  }  
]
```

Menu.json

```
[
  {
    "href" : "index.html",
    "name" : "Home"
  },
  {
    "href" : "products.html",
    "name" : "Products"
  },
  {
    "href" : "cart.html",
    "name" : "Cart"
  },
  {
    "href" : "aboutus.html",
    "name" : "About Us"
  },
  {
    "href" : "autor.html",
    "name" : "Author"
  },
  {
    "href" : "dokumentacija.pdf",
    "name" : "Documentation"
  }
]
```

Products.json

```
[
  {
    "id" : 1,
    "image" : {
      "src" : "images/apple/apple-iphone-11-pro.png",
      "alt" : "iphone-11-pro"
    },
    "brand" : {
      "id" : 1,
      "name" : "Apple"
    },
    "name" : "iPhone 11 Pro",
    "price" : "980",
    "os" : "iOS",
    "camera" : {
      "rare" : "12 + 12 + 12",
      "front" : "12"
    },
    "memory": "128",
    "top" : true
  },
  {
    "id" : 2,
    "image" : {
      "src" : "images/apple/apple-iphone-11.png",
      "alt" : "iphone-11"
    },
    "brand" : {
      "id" : 1,
      "name" : "Apple"
    },
    "name" : "iPhone 11",
    "price" : "850",
    "os" : "iOS",
    "camera" : {
      "rare" : "12",
      "front" : "12"
    },
    "memory": "64",
    "top" : false
  },
  {
```

```

    "id" : 3,
    "image" : {
      "src" : "images/apple/apple-iphone-xs.png",
      "alt" : "iphone-xs"
    },
    "brand" : {
      "id" : 1,
      "name" : "Apple"
    },
    "name" : "iPhone XS",
    "price" : "870",
    "os" : "iOS",
    "camera" : {
      "rare" : "12 + 12",
      "front" : "7"
    },
    "memory": "256",
    "top" : false
  },
  {
    "id" : 4,
    "image" : {
      "src" : "images/apple/apple-iphone-8.png",
      "alt" : "iphone-8"
    },
    "brand" : {
      "id" : 1,
      "name" : "Apple"
    },
    "name" : "iPhone 8",
    "price" : "530",
    "os" : "iOS",
    "camera" : {
      "rare" : "12",
      "front" : "7"
    },
    "memory": "64",
    "top" : false
  },
  {
    "id" : 5,
    "image" : {
      "src" : "images/honor/honor-8x.png",
      "alt" : "honor-8x"
    },

```

```

    "brand" : {
      "id" : 2,
      "name" : "Honor"
    },
    "name" : "8X",
    "price" : "180",
    "os" : "Android",
    "camera" : {
      "rare" : "20",
      "front" : "16"
    },
    "memory": "64",
    "top" : false
  },
  {
    "id" : 6,
    "image" : {
      "src" : "images/honor/honor-20.png",
      "alt" : "honor-20"
    },
    "brand" : {
      "id" : 2,
      "name" : "Honor"
    },
    "name" : "20",
    "price" : "340",
    "os" : "Android",
    "camera" : {
      "rare" : "48 + 16 + 2",
      "front" : "32"
    },
    "memory": "128",
    "top" : false
  },
  {
    "id" : 7,
    "image" : {
      "src" : "images/honor/honor-20-lite.png",
      "alt" : "honor-20-lite"
    },
    "brand" : {
      "id" : 2,
      "name" : "Honor"
    },
    "name" : "20 Lite",

```



```

    "price" : "200",
    "os" : "Android",
    "camera" : {
        "rare" : "24 + 8 + 2",
        "front" : "32"
    },
    "memory": "128",
    "top" : false
},
{
    "id" : 8,
    "image" : {
        "src" : "images/huawei/huawei-mate-30-pro.png",
        "alt" : "huawei-mate-30-pro"
    },
    "brand" : {
        "id" : 3,
        "name" : "Huawei"
    },
    "name" : "Mate 30 Pro",
    "price" : "970",
    "os" : "Android",
    "camera" : {
        "rare" : "40 + 40 + 8",
        "front" : "32"
    },
    "memory": "256",
    "top" : false
},
{
    "id" : 9,
    "image" : {
        "src" : "images/huawei/huawei-p30-pro.png",
        "alt" : "huawei-p30-pro"
    },
    "brand" : {
        "id" : 3,
        "name" : "Huawei"
    },
    "name" : "P30 Pro",
    "price" : "800",
    "os" : "Android",
    "camera" : {
        "rare" : "40 + 20 + 8",
        "front" : "32"
    }
}

```

```

    },
    "memory": "128",
    "top" : true
  },
  {
    "id" : 10,
    "image" : {
      "src" : "images/huawei/huawei-p30-lite.png",
      "alt" : "huawei-p30-lite"
    },
    "brand" : {
      "id" : 3,
      "name" : "Huawei"
    },
    "name" : "P30 Lite",
    "price" : "250",
    "os" : "Android",
    "camera" : {
      "rare" : "48 + 8 + 2",
      "front" : "32"
    },
    "memory": "128",
    "top" : false
  },
  {
    "id" : 11,
    "image" : {
      "src" : "images/huawei/huawei-p-smart-pro.png",
      "alt" : "huawei-p-smart-pro"
    },
    "brand" : {
      "id" : 3,
      "name" : "Huawei"
    },
    "name" : "P Smart Pro",
    "price" : "280",
    "os" : "Android",
    "camera" : {
      "rare" : "48 + 8 + 2",
      "front" : "16"
    },
    "memory": "128",
    "top" : false
  },
  {

```

```

    "id" : 12,
    "image" : {
      "src" : "images/huawei/huawei-y7-(2019).png",
      "alt" : "huawei-y7-(2019)"
    },
    "brand" : {
      "id" : 3,
      "name" : "Huawei"
    },
    "name" : "Y7 (2019)",
    "price" : "190",
    "os" : "Android",
    "camera" : {
      "rare" : "13 + 2",
      "front" : "8"
    },
    "memory": "32",
    "top" : false
  },
  {
    "id" : 13,
    "image" : {
      "src" : "images/samsung/samsung-galaxy-s20.png",
      "alt" : "samsung-galaxy-s20"
    },
    "brand" : {
      "id" : 4,
      "name" : "Samsung"
    },
    "name" : "S20",
    "price" : "900",
    "os" : "Android",
    "camera" : {
      "rare" : "12 + 64 + 12",
      "front" : "10"
    },
    "memory": "128",
    "top" : false
  },
  {
    "id" : 14,
    "image" : {
      "src" : "images/samsung/samsung-galaxy-s20-ultra.png",
      "alt" : "samsung-galaxy-s20-ultra"
    },

```

```

    "brand" : {
      "id" : 4,
      "name" : "Samsung"
    },
    "name" : "S20 Ultra",
    "price" : "999",
    "os" : "Android",
    "camera" : {
      "rare" : "108 + 48 + 12",
      "front" : "40"
    },
    "memory": "128",
    "top" : false
  },
  {
    "id" : 15,
    "image" : {
      "src" : "images/samsung/samsung-galaxy-note10.png",
      "alt" : "samsung-galaxy-note10"
    },
    "brand" : {
      "id" : 4,
      "name" : "Samsung"
    },
    "name" : "Note 10",
    "price" : "999",
    "os" : "Android",
    "camera" : {
      "rare" : "16 + 12 + 12",
      "front" : "10"
    },
    "memory": "256",
    "top" : true
  },
  {
    "id" : 16,
    "image" : {
      "src" : "images/samsung/samsung-galaxy-s10.png",
      "alt" : "samsung-galaxy-s10"
    },
    "brand" : {
      "id" : 4,
      "name" : "Samsung"
    },
    "name" : "S10",

```

```

    "price" : "650",
    "os" : "Android",
    "camera" : {
      "rare" : "12 + 12 + 16",
      "front" : "10"
    },
    "memory": "128",
    "top" : false
  },
  {
    "id" : 17,
    "image" : {
      "src" : "images/samsung/samsung-galaxy-s10e.png",
      "alt" : "samsung-galaxy-s10e"
    },
    "brand" : {
      "id" : 4,
      "name" : "Samsung"
    },
    "name" : "S10e",
    "price" : "550",
    "os" : "Android",
    "camera" : {
      "rare" : "12 + 16",
      "front" : "10"
    },
    "memory": "128",
    "top" : false
  },
  {
    "id" : 18,
    "image" : {
      "src" : "images/xiaomi/xiaomi-mi-note-10.png",
      "alt" : "xiaomi-mi-note-10"
    },
    "brand" : {
      "id" : 5,
      "name" : "Xiaomi"
    },
    "name" : "Mi Note 10",
    "price" : "480",
    "os" : "Android",
    "camera" : {
      "rare" : "108",
      "front" : "32"
    }
  }

```

```

    },
    "memory": "128",
    "top" : true
  },
  {
    "id" : 19,
    "image" : {
      "src" : "images/xiaomi/xiaomi-redmi-note-8-pro.png",
      "alt" : "xiaomi-redmi-note-8-pro"
    },
    "brand" : {
      "id" : 5,
      "name" : "Xiaomi"
    },
    "name" : "Redmi Note 8 Pro",
    "price" : "260",
    "os" : "Android",
    "camera" : {
      "rare" : "64",
      "front" : "20"
    },
    "memory": "128",
    "top" : false
  },
  {
    "id" : 20,
    "image" : {
      "src" : "images/xiaomi/xiaomi-redmi-note-8t.png",
      "alt" : "xiaomi-redmi-note-8t"
    },
    "brand" : {
      "id" : 5,
      "name" : "Xiaomi"
    },
    "name" : "Redmi Note 8t",
    "price" : "170",
    "os" : "Android",
    "camera" : {
      "rare" : "48",
      "front" : "13"
    },
    "memory": "32",
    "top" : false
  }
]

```

Crew.json

```
[
  {
    "name" : "Ted",
    "image" : "images/ted.jpg",
    "description" : "Ted is the head of our Mobile Shop. Born in Seattle, graduated at North Seattle College, he opened our shop in 2010. with his son Alex. He is the guy who keeps our prices low and our customers happy."
  },
  {
    "name" : "Tamara",
    "image" : "images/tamara.png",
    "description" : "Tamara comes from Serbia, where she graduated at The ICT College of Applied Studies. Tamara is here to keep our website alive and to recommend the best products based on your needs."
  },
  {
    "name" : "Alex",
    "image" : "images/alex.jpg",
    "description" : "Alex graduated at North Seattle College, like his father . He is out tech-guy. If you have a problem, his face is the one you want to see. People say that he is too generous with repair cost, but he says he likes to make people happy."
  }
]
```

Comments.json

```
[
  {
    "id" : 1,
    "name" : "Anna",
    "comment" : "I had a problem with my Iphone, the Camera App wasn't working, but Alex, the sweetest guy fixed within a minute. I definitely recomend this place!"
  },
  {
    "id" : 2,
    "name" : "David",
    "comment" : "I wanted to surprise my girlfriend with a new phone, but I wasn't sure which one would she like. Tamara gave me the best advice, my girlfriend was thrilled!"
  },
  {
    "id" : 3,
    "name" : "Jake",
    "comment" : "Proffesional. Quality. Safe buy. Best store in Seattle!"
  },
  {
    "id" : 4,
    "name" : "Meredith",
    "comment" : "I had a problem with my headphones, it was a small problem with wire connection and Alex fixed it for free!"
  }
]
```