DOKUMENTACIJA

https://katicakaja.github.io/e-mobile/

Sadržaj

1.UVOD

1.1   Korišćene tehnologije :

- HTML 5
- CSS 3
- JS
- JQUERY
- AJAX
- JSON
- BOOTSTRAP 4

1.2   Okruženje:

- VS code

1.3   Opis funkcionalnosti:

- Index.html :
  - Dinamička navigacija
  - Dinamičko ispisivanje sadržaja
  - Pretraga proizvoda
  - Ukombinovani filter čekboksova (dva uslova)
  - Učitavanje izabranog telefona (bez ponovnog učitavanja stranice)
  - Upisivanje telefona u local storage
  - Ispisivanje broja kupljenih telefona
  - Povratak na sve proizvode (ili isfiltrirane proizvode)
  - Prilagodljivo svim ekranima

- Blogposts.html
  - Dinamička navigacija
  - Dinamičko ispisivanje sadržaja
  - Sortiranje vesti po datumu: najstarije, najnovije

- o Prilagodljivo svim ekranima

- Contact.html
  - o Dinamička navigacija
  - o Provera forme regularnim izrazima
  - o Prilagodljivo svim ekranima

- Cart.html
  - o Dinamička navigacija
  - o Prilagodljivo svim ekranima
  - o Ispisivanje proizvoda iz local storage-a
  - o Brisanje proizvoda iz local storage-a

1.4   Template

Checkout our phones

Search 🔍
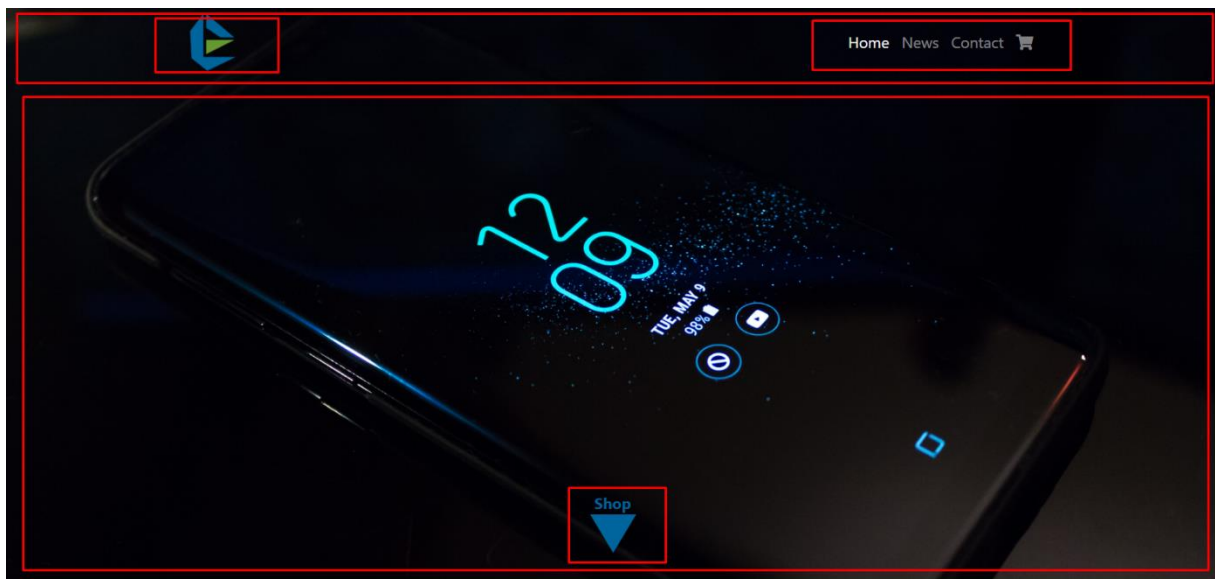
RAM memory
- ☐ 2 Gb
- ☐ 3 Gb
- ☐ 4 Gb

ROM memory
- ☐ 8 Gb
- ☐ 16 Gb
- ☐ 32 Gb
- ☐ 64 Gb

Huawei P Smart	Huawei Mate 20 X	Samsung Galaxy A6
SALE	SALE	
235$ ~~400$~~	924$ ~~999$~~	252$
View configuration	View configuration	View configuration

Apple iPhone 8 (Red)	Xiaomi Redmi Note 7	Xiaomi Redmi Note 7
610$	199$ ~~230$~~	520$
View configuration	View configuration	View configuration

📷 f 🐦 🛒 🤖

Copyright © e-mobile 2019

📱	5.2px
🗄	64 Gb
▥	4 Gb
📷	Selfie: 13px ; Main-camera: 48px
🖥	Octa-core (4x2.4 GHz Cortex-A53 & 4x1.6 GHz Cortex-A53)

Go back	Buy now

1.ORGANIZACIJA

2.1. Organizaciona šema

2.2 Mapa sajta

```
1  <?xml version="1.0"?>
2  <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
3  <url>
4      <loc>https://katicakaja.github.io/e-mobile/index.html</loc>
5      <lastmod>2019-03-13</lastmod>
6      <changefreq>daily</changefreq>
7      <priority>1</priority>
8  </url>
9  <url>
10     <loc>https://katicakaja.github.io/e-mobile/blogposts.html</loc>
11     <lastmod>2019-03-13</lastmod>
12     <changefreq>daily</changefreq>
13     <priority>0.9</priority>
14 </url>
15 <url>
16     <loc>https://katicakaja.github.io/e-mobile/contact.html</loc>
17     <lastmod>2019-03-13</lastmod>
18     <changefreq>monthly</changefreq>
19     <priority>0.7</priority>
20 </url>
21 <url>
22     <loc>https://katicakaja.github.io/e-mobile/cart.html</loc>
23     <lastmod>2019-03-13</lastmod>
24     <changefreq>monthly</changefreq>
25     <priority>0.7</priority>
26 </url>
27 </urlset>
```

2.3 Opis funkcionalnosti

Dinamičko ispisivanje navigacije, promena pozadine posle određene dužine skrola
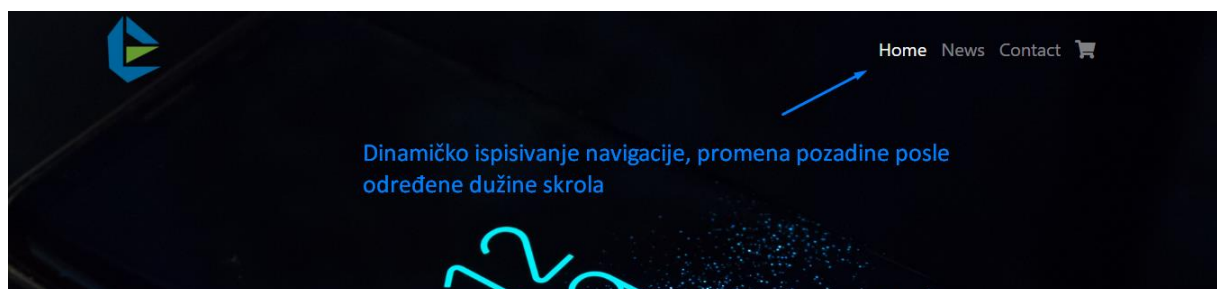
Checkout our phones

DINAMIČKO ISPISIVANJE

PRETRAGA PO IMENU NA PUŠTANJE TASTERA
filteri se ponište

Search

RAM memory
☐ 2 Gb
☐ 3 Gb
☐ 4 Gb

ROM memory
☐ 8 Gb
☐ 16 Gb
☐ 32 Gb
☐ 64 Gb

Filtriranje po ram-u, rom-u
i ram-u i rom-u zajedno.
Search se poništi i obrnuto.

SALE

SALE

Huawei P Smart   Huawei Mate 20 X   Samsung Galaxy A6

235$ 400$ 924$ 999$ 252$

View configuration   View configuration   View configuration

Home News Contact 🛒2

UČITAVA SE KLIKOM NA VIEW CONFIGURATION SA 'SVIH TELEFONA'

Prikazuje broj proizvoda u cart-u
(local storage)

Sve je dinamički
učitano.

📱   6.21px
💾   32 Gb
▥   3 Gb
📷   Selfie: 8px ; Main-camera: 13px
▦   Octa-core (4x2.36 GHz Cortex-A53 & 4x1.7 GHz
                      Cortex-A53)

POVRATAK NA SVE TELEFONE   UBACUJE U LOCAL STORAGE
ILI PREDHONOD ISFILTRIRANE

Go back   Buy now

Home **News** Contact 🛒

Sortiranje od najnovijeg i od najstarijeg posta

Prati promenu lokacije i dodaje
klasu active.

Order by date...   ⬍

Svi postovi su dinamički učitani

**Samsung Galaxy A8+ (2018) gets
Android Pie update**

The Samsung Galaxy A8+ (2018) that was
launched back in December 2017 with
Android Nougat is getting the Android Pie
update with February 2019 Android

**Huawei continues its P30 teaser
campaign with some impressive
zoom photos**

Huawei's upcoming P30 and P30 Pro
flagships have been leaking left and right
over the past few months. So much so, in

**Samsung Galaxy S10 pre-orders
break record in US**

The Samsung Galaxy S10 is doing very well
in sales and the phone just launched on
Friday. Following today's earlier news about
the Galaxy S10 breaking the UK's Samsung

Visoka škola strukovnih studija za informacione i komunikacione tehnologije

ISPISIVANJE PROIZVODA IZ LOCAL STORAGE-A

#Id	Image	Name	Price	Remove
2		Huawei Mate 20 X	924	🗑
6		Xiaomi Redmi Note 7	520	🗑

MOGUĆNOST BRISANJA PROIZVODA SA STRANE I IZ LOCAL STORAGE-A

2. KODOVI

3.1 index.html

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <meta charset="utf-8" />
5       <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
6       <title>e-mobile</title>
7       <meta name="viewport" content="width=device-width, initial-scale=1"/>
8       <link rel="shortcut icon" href="emobile.ico" type="image/x-icon">
9       <meta name="description" content="Welcome to e-mobile, find the right brand and model for you. Any configuration, ram, rom send us your question and we will find it. We are constantly updat
10      <meta name="keywords" content="brand,phone,samsung,huawei,emobile,product,meizu,xiaomi,rom,ram,configuration">
11      <meta name="author" content="Katica Rankovic">
12      <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ" crossorigin="anonym
13      <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-GJzZqFGwb1QTTN6wy59ffF1BuGJpLSa9DkKMp0DgiMDm4iYMj70gZWKYbI706twS" cr
14      <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css" integrity="sha384-fnmOCqbTlWIlj8LyTjo7mOUStjsKC4pOpQbqyi7RrhN7udi9RwhKkMHpvLbHG9Sr" crossorigin="anony
15      <link rel="stylesheet" type="text/css" media="screen" href="assets/css/main.css" />
16  </head>
17  <body>
18      <nav class="navbar navbar-dark navbar-expand-lg navbar-inverse bg-inverse fixed-top p-0" id="menu">
19
20          <div class="container">
21              <a href="#"><img src="assets/images/logo2.png" alt="logo" class="navbar-brand" id="logo"/></a>
22              <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="To
23                  <span id="menuButton" class="fa fa-bars"></span>
24              </button>
25              <div class="collapse navbar-collapse" id="navbarSupportedContent">
26                  <ul class="navbar-nav ml-auto text-center" id="nav">
27
28                  </ul>
29
30              </div>
31          </div>
32      </nav>
33      <div class="container-fluid d-flex flex-column justify-content-end" id="landingImg">
34          <div id="arrow" class="d-flex align-items-center flex-column mb-5"><span class="arrowText">Shop</span><a href="#content" class="arrow-down"></a></div>
35      </div>
36      <div class="container" id="content">
37          <div id="singlePhone" class="d-none"></div>
38          <div id="allPhones" class="d-block fade-in">
39              <h1 class="m-5 text-center"><span class="myBorder pb-2">Checkout our <span class="color"> phones</span></span></h1>
40              <div class="row">
41                      <div class="col-lg-3 mb-3">
42                          <form>
43                              <div id="align" class="mb-3">
44                                  <input class="form-control" type="text" placeholder="Search" id="search">
45                                  <i class="fas fa-search" id="btnSearch"></i>
46                              </div>
47                              <div class="d-md-flex flex-lg-column flex-xs-column justify-content-md-around" id="categories">
48
49                              </div>
50                          </form>
51
52                      </div>
53                      <div class="col-lg-9">
54                          <div class="row" id="products"></div>
55                      </div>
56                  </div>
57          </div>
58
59      </div>
60      <footer class="w-100 bgcolor py-2 text-white">
61          <div class="container">
62              <div class="configItem d-flex justify-content-end">
63                  <a href="https://www.instagram.com"><span class="fab fa-instagram mr-2"></span></a>
64                  <a href="https://www.facebook.com"><span class="fab fa-facebook-square mr-2"></span></a>
65                  <a href="https://www.twitter.com"><span class="fab fa-twitter-square mr-2"></span></a>
66                  <a href="assets/documentation.pdf"><span class="fas fa-scroll mr-2"></span></a>
67                  <a href="https://katicakaja.github.io/automagazine/assets/pages/aboutme.html"><span class="fas fa-user-secret"></span></a>
68              </div>
69          </div>
70          <div class="text-center"><p>Copyright &copy; <span class="color size">e</span>-<span class="color2">mobile</span> 2019</p></div>
71      </footer>
72
73      <script src="https://code.jquery.com/jquery-3.3.1.min.js" integrity="sha256-FgpCb/KJQlLNfOu91ta32o/NMZxltwRo8QtmkMRdAu8=" crossorigin="anonymous"></script>
74      <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZOblgut" crossorigin="anor
75      <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymo
76      <script src="assets/js/nav.js"></script>
77      <script src="assets/js/main.js"></script>
78  </body>
79  </html>
```
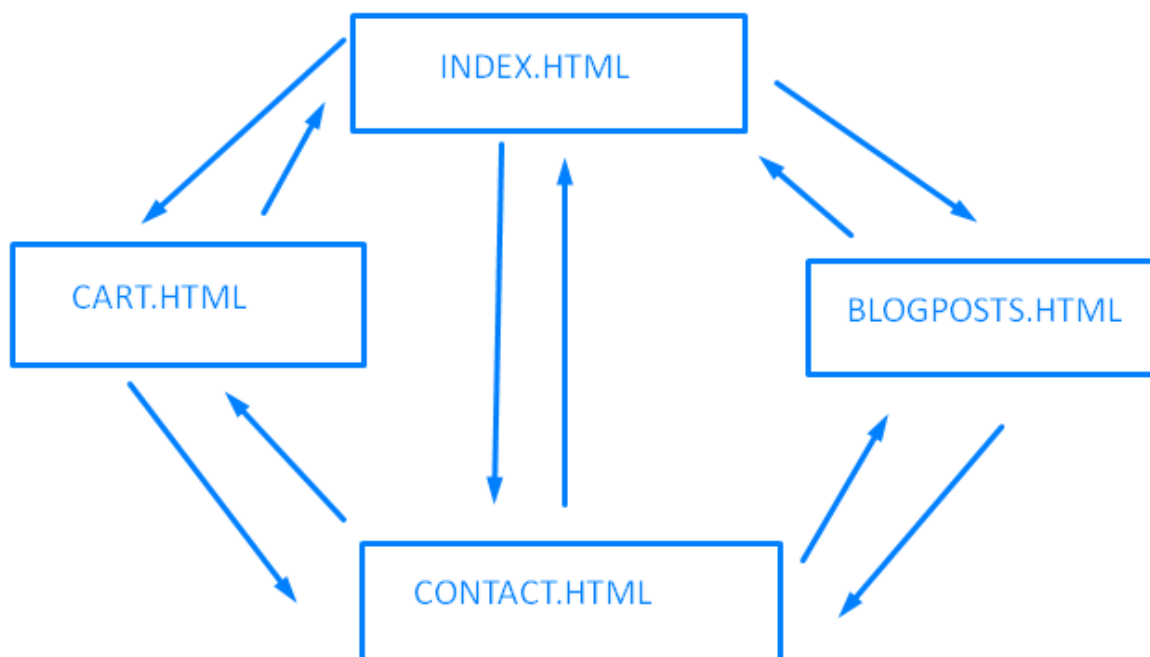
3.2 blogposts.html

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
    <title>e-mobile</title>
    <meta name="viewport" content="width=device-width, initial-scale=1"/>
    <link rel="shortcut icon" href="emobile.ico" type="image/x-icon">
    <meta name="description" content="News about new and up and coming products. Find out is your favourite pre-ordered phone finally here. See some fantastic features first time revealed. All
    <meta name="keywords" content="samsung, huawei, upcoming, galaxy,brand">
    <meta name="author" content="Katica Rankovic">
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ" crossorigin="anony
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-GJzZqFGwb1QTTN6wy59ffF1BuGJpLSa9DkKMp0DgiMDm4iYMj70gZWKYbI706tWS" c
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css" integrity="sha384-fnmOCqbTlWIlj8LyTjo7mOUStjsKC4pOpQbqy17RrhN7ud19RwhKkMHpvLbHG9Sr" crossorigin="anonym
    <link rel="stylesheet" type="text/css" media="screen" href="assets/css/main.css"/>
</head>
<body>
    <nav class="navbar navbar-dark navbar-expand-lg navbar-inverse bg-inverse fixed-top p-0 menuPosts" id="menu">
        <div class="container">
            <a href="#"><img src="assets/images/logo2.png" alt="logo" class="navbar-brand" id="logo"/></a>
            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="T
                <span id="menuButton" class="fa fa-bars"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarSupportedContent">
                <ul class="navbar-nav ml-auto text-center" id="nav">

                </ul>

            </div>
        </div>
    </nav>
    <div class="container news">
        <div class="row mt-5 mb-5">
            <div class="mb-5 col-lg-6 col-md-12">
                <select class="custom-select" id="dateSort">
                    <option value="0">Order by date...</option>
                    <option value="1">Latest posts</option>
                    <option value="2">Oldest posts</option>
                </select>
            </div>
```

```html
            <div class="row mx-0" id="blogPosts">

            </div>
        </div>
    </div>
    <footer class="w-100 bgcolor py-2 text-white">
        <div class="container">
            <div class="configItem d-flex justify-content-end">
                <a href="https://www.instagram.com"><span class="fab fa-instagram mr-2"></span></a>
                <a href="https://www.facebook.com"><span class="fab fa-facebook-square mr-2"></span></a>
                <a href="https://www.twitter.com"><span class="fab fa-twitter-square mr-2"></span></a>
                <a href="assets/documentation.pdf"><span class="fas fa-scroll mr-2"></span></a>
                <a href="https://katicakaja.github.io/automagazine/assets/pages/aboutme.html"><span class="fas fa-user-secret"></span></a>
            </div>
        </div>
        <div class="text-center"><p>Copyright &copy; <span class="color size">e</span>-<span class="color2">mobile</span> 2019</p></div>
    </footer>
    <script src="https://code.jquery.com/jquery-3.3.1.min.js" integrity="sha256-FgpCb/KJQlLNfOu91ta32o/NMZxltwRo8QtmkMRdAu8=" crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZOblgut" crossorigin="ano
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonym
    <script src="assets/js/nav.js"></script>
    <script src="assets/js/posts.js"></script>
</body>
</html>
```

3.3 contact.html

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
    <title>e-mobile</title>
    <meta name="viewport" content="width=device-width, initial-scale=1"/>
    <link rel="shortcut icon" href="emobile.ico" type="image/x-icon">
    <meta name="description" content="Contact us, tell us your thoughts. Everything you need, we are right here, any suggestion, idea, we are also open to see how to upgrade our services.">
    <meta name="keywords" content="phone,contact,name,email">
    <meta name="author" content="Katica Rankovic">
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ" crossorigin="anon
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-GJzZqFGwb1QTTN6wy59fFF1BuGJpLSa9DkKMp0DgiMDm4iYMj70gZWKYbI706tWS"
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css" integrity="sha384-fnmOCqbTlWIlj8LyTjo7mOUStjsKC4pOpQbqyi7RrhN7udi9RwhKkMHpvLbHG9Sr" crossorigin="anon
    <link rel="stylesheet" type="text/css" media="screen" href="assets/css/main.css"/>
</head>
<body class="bgPicture">
    <nav class="navbar navbar-dark navbar-expand-lg navbar-inverse bg-inverse fixed-top p-0 menuPosts" id="menu">
        <div class="container">
            <a href="index.html"><img src="assets/images/logo2.png" alt="logo" class="navbar-brand" id="logo"/></a>
            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="
                <span id="menuButton" class="fa fa-bars"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarSupportedContent">
                <ul class="navbar-nav ml-auto text-center" id="nav">

                </ul>

            </div>
        </div>
    </nav>
    <div class="container marginTop min-vh-100" id="contact">

        <form action="#" method="POST" class="w-75">
            <div class="form-group">
                <label for="firstName">First Name</label>
                <input type="text" class="form-control" id="firstName" placeholder="Your name..." name="fname"/>
            </div>
            <div class="form-group">
                <label for="lastName">Last Name</label>
                <input type="text" class="form-control" id="lastName" placeholder="Last name here..." name="lname"/>
            </div>
            <div class="form-group">
                <label for="email">E-mail</label>
                <input type="text" class="form-control" id="email" placeholder="Your e-mail..." name="email"/>
            </div>
            <div class="form-group">
                <label for="comment">Your message</label>
                <textarea class="form-control" id="comment" rows="6" placeholder="Here..." name="message"></textarea>
            </div>
            <button type="submit" class="btn btn-primary w-50" id="send" name="send">Submit</button>
        </form>

    </div>


    <footer class="w-100 bgcolor py-2 text-white">
        <div class="container">
            <div class="configItem d-flex justify-content-end">
                <a href="https://www.instagram.com"><span class="fab fa-instagram mr-2"></span></a>
                <a href="https://www.facebook.com"><span class="fab fa-facebook-square mr-2"></span></a>
                <a href="https://www.twitter.com"><span class="fab fa-twitter-square mr-2"></span></a>
                <a href="assets/documentation.pdf"><span class="fas fa-scroll mr-2"></span></a>
                <a href="https://katicakaja.github.io/automagazine/assets/pages/aboutme.html"><span class="fas fa-user-secret"></span></a>
            </div>
        </div>
        <div class="text-center"><p>Copyright &copy; <span class="color size">e</span>-<span class="color2">mobile</span> 2019</p></div>
    </footer>
    <script src="https://code.jquery.com/jquery-3.3.1.min.js" integrity="sha256-FgpCb/KJQlLNfOu91ta32o/NMZxltwRo8QtmkMRdAu8=" crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wHAiFFRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZOblgut" crossorigin="anon
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymo
    <script src="assets/js/nav.js"></script>
    <script src="assets/js/contact.js"></script>
</body>
</html>
```

3.4 cart.html

```
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <meta charset="utf-8" />
5       <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
6       <title>e-mobile</title>
7       <meta name="viewport" content="width=device-width, initial-scale=1"/>
8       <link rel="shortcut icon" href="emobile.ico" type="image/x-icon">
9       <meta name="description" content="See here what will you buy. Changed your mind? No problem, you can delete the product and rethink your choice. Find the right phone for you.">
10      <meta name="keywords" content="cart,phone,samsung,huawei,product,meizu,xiaomi">
11      <meta name="author" content="Katica Rankovic">
12      <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ" crossorigin="anon
13      <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-GJzZqFGwb1QTTN6wy59ffF1BuGJpLSa9DkKMp0DgiMDm4iYMj70gZWKYbI706tWS"
14      <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css" integrity="sha384-fnmOCqbTlWIlj8LyTjo7mOUStjsKC4pOpQbqyi7RrhN7ud19RwhKkM4pvLbHG9Sr" crossorigin="anon
15      <link rel="stylesheet" type="text/css" media="screen" href="assets/css/main.css"/>
16  </head>
17  <body>
18      <nav class="navbar navbar-dark navbar-expand-lg navbar-inverse bg-inverse fixed-top p-0 menuPosts" id="menu">
19          <div class="container">
20              <a href="#"><img src="assets/images/logo2.png" alt="logo" class="navbar-brand" id="logo"/></a>
21              <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="
22                  <span id="menuButton" class="fa fa-bars"></span>
23              </button>
24              <div class="collapse navbar-collapse" id="navbarSupportedContent">
25                  <ul class="navbar-nav ml-auto text-center" id="nav">
26
27                  </ul>
28
29              </div>
30          </div>
31      </nav>
32      <div class="container min-vh-100 table-responsive text-nowrap">
33          <table class="table marginTop table-hover mb-5">
34              <thead>
35                  <tr class='text-center'>
36                      <th scope="col">#Id</th>
37                      <th scope="col">Image</th>
38                      <th scope="col">Name</th>
39                      <th scope="col">Price</th>
40                      <th scope="col">Remove</th>
41                  </tr>
42              </thead>
43              <tbody id="fromLocalStorage">
44
45              </tbody>
46          </table>
47      </div>
48
49
50      <footer class="w-100 bgcolor py-2 text-white">
51          <div class="container">
52              <div class="configItem d-flex justify-content-end">
53                  <a href="https://www.instagram.com"><span class="fab fa-instagram mr-2"></span></a>
54                  <a href="https://www.facebook.com"><span class="fab fa-facebook-square mr-2"></span></a>
55                  <a href="https://www.twitter.com"><span class="fab fa-twitter-square mr-2"></span></a>
56                  <a href="assets/documentation.pdf"><span class="fas fa-scroll mr-2"></span></a>
57                  <a href="https://katicakaja.github.io/automagazine/assets/pages/aboutme.html"><span class="fas fa-user-secret"></span></a>
58              </div>
59          </div>
60          <div class="text-center"><p>Copyright &copy; <span class="color size">e</span>-<span class="color2">mobile</span> 2019</p></div>
61      </footer>
62      <script src="https://code.jquery.com/jquery-3.3.1.min.js" integrity="sha256-FgpCb/KJQlLNfOu91ta32o/NMZxltwRo8QtmkMRdAu8=" crossorigin="anonymous"></script>
63      <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy6iSSRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZOblgut" crossorigin="anon
64      <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymo
65      <script src="assets/js/nav.js"></script>
66      <script src="assets/js/cart.js"></script>
67  </body>
68  </html>
```

3.5 main.js

```javascript
1    window.onload = function(){
2
3        ajaxAllPhones();
4        ajaxRAMROM();
5        onScrollChangeBgColor();
6        document.getElementById("search").addEventListener("keyup",searchPhones);
7
8    }
9    // SHOW ALL PHONES
10   function ajaxAllPhones(){
11       $.ajax({
12           url: "data/phones.json",
13           method: "GET",
14           dataType: "json",
15           success: function(data){
16               renderPhones(data);
17           },
18           error: function(status, error){
19               console.log(status);
20           }
21
22       });
23   }
24   // RENDER ALL PHONES
25   function renderPhones(data){
26       let html = "";
27       data.forEach(phone => {
28       html += `<div class="col-lg-4 col-md-6 overflow-hidden mb-5">
29               <img class="w-100" src="${phone.img}" alt="${phone.name}"/>
30               <div class="d-flex justify-content-center mt-3 price"><p>${phone.name}</p></div>`;
31           if(phone.price.sale){
32               html+=`
33               <div class="d-flex justify-content-around price"><p>${phone.price.new}$ </p><del>${phone.price.old}$</del></div>
34               <span class="ribbon">SALE</span>`;
35
36           }
37           else{
38               html+=`<div class="d-flex justify-content-center price"><p>${phone.price.old}$ </p></div>`;
```

```javascript
37           else{
38               html+=`<div class="d-flex justify-content-center price"><p>${phone.price.old}$ </p></div>`;
39           }
40           html+=`<div class="d-flex justify-content-center mt-3">
41               <button type="button" data-phone="${phone.id}" class="btn btn-primary config">View configuration</button></div></div>`;
42       });
43       document.querySelector("#products").innerHTML = html;
44       document.querySelectorAll(".config").forEach(button=>{
45           button.addEventListener("click", ajaxPhone);
46       });
47
48   }
49
50   // RENDER ONE PHONE
51   function renderPhone(phone){
52
53       let html = "";
54       html+=`
55       <div class="row mt-5 mb-5 fade-in">
56           <div class="col-md-6">
57               <div class="main-img w-100 d-flex justify-content-center"><img id="current" src="${phone.img}" alt="${phone.name}"/></div>
58               <div class="row imgs mt-3">`
59               phone.imgs.forEach(img=>{
60                   html+=`<img class="col-4 h-50 " src="${img}" alt="${phone.name}">`;
61               })
```

```
63              html+= `</div>
64           </div>
65           <div class="col-md-6 mt-4 d-flex flex-column justify-content-between">
66               <ul class="list-group list-group-flush phoneConfigList">
67                   <li class="list-group-item d-flex justify-content-between align-items-center">
68                       <span class="fa fa-mobile-alt configItem"></span>${phone.disp}px
69                   </li>
70                   <li class="list-group-item d-flex justify-content-between align-items-center">
71                       <span class="fa fa-hdd configItem color"></span>${phone.ROM} Gb
72                   </li>
73                   <li class="list-group-item d-flex justify-content-between align-items-center">
74                       <span class="fa fa-memory configItem"></span>${phone.RAM} Gb
75                   </li>
76                   <li class="list-group-item d-flex justify-content-between align-items-center">
77                       <span class="fa fa-camera configItem color"></span>
78                       Selfie: ${phone.selfie}px ; Main-camera: ${phone.cameraR}px
79                   </li>
80                   <li class="list-group-item d-flex justify-content-between align-items-center">
81                       <span class="fa fa-microchip configItem"></span>
82                       <span class="w-75 text-right">${phone.cpu}</span>
83                   </li>
84               </ul>
85               <div class="d-flex justify-content-around mt-5">
86               <button type="button" class="btn btn-lg w-50 btn-primary" id="back">Go back</button>
87               <button type="button" class="btn btn-lg w-50 btn-success" id="buy">Buy now</button>
88               </div></div>
89           </div>
90       </div>`;

92       document.getElementById("singlePhone").innerHTML = html;
93       addNumByCart();
94       $("#allPhones").toggleClass("d-none").toggleClass("d-block");
95       $("#singlePhone").toggleClass("d-block").toggleClass("d-none");
96       gallery();
97       document.getElementById("back").addEventListener("click",function(){
98           $("#allPhones").toggleClass("d-block").toggleClass("d-none");
99           $("#singlePhone").toggleClass("d-block").toggleClass("d-none");
100      });
101      document.getElementById("buy").addEventListener("click",function(){
102
```

```
101      document.getElementById("buy").addEventListener("click",function(){
102
103          sendInCart(phone);
104          addNumByCart();
105      });
106
107  }
108
109  // RENDER CHECKBOXES
110  function renderRAMROM(data){
111      let html = "";
112      data.forEach(category => {
113          if(category.id=="ram1"){
114              html+=`<div class="text-lg-left text-md-center"><h4>RAM memory</h4>`;
115          }
116          else if(category.id=="storage1"){
117              html+=`<div class="text-lg-left text-md-center mt-lg-2"><h4>ROM memory</h4>`
118          }
119          html += `
120          <div class="custom-control custom-checkbox border-top-primary my-3">
121              <input type="checkbox" class="custom-control-input" name="${category.name}" value="${category.value}" id="${category.id}">
122              <label class="custom-control-label" for="${category.id}">${category.labelContent}</label>
123          </div>`;
124          if(category.id=="ram3" || category.id=="storage4"){
125              html+=`</div>`;
126          }
127      });
128      document.querySelector("#categories").innerHTML = html;
129
130      document.querySelectorAll("input[type='checkbox']").forEach(box => {
131          box.addEventListener("change",()=>{
132              filterRAMROM();
133          });
134      });
135  }
136  // SHOW - AJAX
137  function ajaxPhone(){
138      const buttonId = this.dataset.phone;
```

```
139     $.ajax({
140         url: "data/phones.json",
141         method: "GET",
142         dataType: "json",
143         success: function(data){
144             const singlePhone = data.filter(phone=> phone.id == buttonId);
145             renderPhone(singlePhone[0]);
146         },
147         error: function(status, error){
148             console.log(status);
149         }
150
151     });
152
153 }
154 // show checkboxes
155 function ajaxRAMROM(){
156     $.ajax({
157         url: "data/categories.json",
158         method: "GET",
159         dataType: "json",
160         success: function(data){
161             renderRAMROM(data);
162
163         },
164         error: function(status, error){
165             console.log(status);
166         }
167
168     });
169 }
170
171 //FUNCTIONALITY OF CHECKBOXES AND SEARCH
172
173 function filterRAMROM(){
174     document.getElementById("search").value="";
175     const ramCheckboxes = document.querySelectorAll("input[name='ram']");
```

```
175     const ramCheckboxes = document.querySelectorAll("input[name='ram']");
176     const storageCheckboxes = document.querySelectorAll("input[name='storage']");
177     let boxes = [];
178     ramCheckboxes.forEach(box=>{
179         boxes.push({
180             ramValue: box.value,
181             checked: box.checked,
182             name : box.name
183         });
184     });
185     storageCheckboxes.forEach(box=>{
186         boxes.push({
187             storageValue: box.value,
188             checked: box.checked,
189             name : box.name
190         });
191     })
192
193     $.ajax({
194         url: "data/phones.json",
195         method: "GET",
196         dataType: "json",
197         success: function(data){
198             let parsedData = [];
199             let res = [];
200             let boxesChecked = [];
201             boxes.forEach(box => {
202                 if(box.checked) {
203                     boxesChecked.push(box);
204                     data.forEach(phone => {
205                         if((phone.RAM == box.ramValue) || (phone.ROM ==box.storageValue)){
206                             res.push(phone);
207                         }
208                     });
209                 }
210             });
211             let ram = [];
212             let rom = [];
```

```
213        let res2 = [];
214        boxesChecked.forEach(box=>{
215            if(box.name == 'ram'){
216                ram.push(box);
217            }
218            else if(box.name == 'storage'){
219                rom.push(box);
220            }
221        });
222        if(ram.length && rom.length){
223            res = [];
224            ram.forEach(ra=>{
225                rom.forEach(ro=>{
226                    data.forEach(phone=>{
227                        if(ra.ramValue==phone.RAM && ro.storageValue==phone.ROM){
228                            res2.push(phone);
229                        }
230                    });
231
232                });
233            });
234        }
235        // prevent same phone from showing more than once
236        let count = 0;
237        let found = false;
238        res.forEach(phone => {
239            parsedData.forEach(unique=>{
240                if(phone.id==unique.id){
241                    found = true;
242                }
243            });
244            count++;
245            if(count==1 && found ==false){
246                parsedData.push(phone);
247            }
248            count = 0;
249            found = false;
250        });
251
252
```

```javascript
253                  if(res2.length){
254                      parsedData = [];
255                      res2.forEach(el=>{
256                          parsedData.push(el);
257                      });
258                  }
259
260                  if (boxesChecked.length) {
261                      renderPhones(parsedData);
262
263                  }
264                  else{
265                      renderPhones(data);
266                  }
267                  if(parsedData.length==0 && boxesChecked.length > 0){
268                      noProducts();
269                  }
270              },
271          error: function(status, error){
272              console.log(status);
273          }
274      });
275
276  }
277
278  function noProducts(){
279      let html = `<div class="my-auto mx-auto"><h3 class='color2'>No products.</h3></div>`;
280      document.getElementById("products").innerHTML = html;
281  }
282
283
284  function searchPhones() {
285      const userInput = this.value;
286      document.querySelectorAll("input[type='checkbox']").forEach(check=>{
287          check.checked = false;
288      });
289      $.ajax({
290        url: 'data/phones.json',
291        method: 'GET',
```

```
291        method: 'GET',
292        dataType: 'json',
293        success: function (phones) {
294          let filteredPhones = phones.filter(phone => {
295            if (phone.name.toLowerCase().indexOf(userInput.toLowerCase()) !== -1) {
296              return true;
297            }
298          });
299          renderPhones(filteredPhones);
300        },
301        error: function (err) {
302          console.error(err);
303        }
304      });
305    }
306
307   function sendInCart(phone){
308
309        const inCart = JSON.stringify(phone);
310        localStorage.setItem(phone.id,inCart);
311
312   }
313
314   function addNumByCart(){
315        let num = 0;
316        if(localStorage.length){
317            num = localStorage.length;
318        }
319
320        document.querySelectorAll(".num").forEach(item=>{
321            item.innerHTML = num;
322        });
323   }
324
325   //NAVBAR BACKGROUND SCROLL CHANGE
326   function onScrollChangeBgColor(){
327   var iScrollPos = 0;
```

```
328
329        $(window).scroll(function(){
330            var iCurScrollPos = $(this).scrollTop();
331            if (iCurScrollPos > 200+iScrollPos){
332                $("#menu").css("background-color","#000");
333            }
334            else{
335                $("#menu").css("background-color","transparent");
336            }
337        });
338    }
339    // GALLERY - ONE PHONE
340    function gallery(){
341        const current = document.querySelector('#current');
342        const imgs = document.querySelector('.imgs');
343        const img = document.querySelectorAll('.imgs img');
344        const opacity = 0.6;
345
346
347        img[0].style.opacity = opacity;
348
349        imgs.addEventListener('click', imgClick);
350
351        function imgClick(e) {
352
353            img.forEach(img => (img.style.opacity = 1));
354
355            current.src = e.target.src;
356            current.classList.add('fade-in');
357            setTimeout(() => current.classList.remove('fade-in'), 500);
358            e.target.style.opacity = opacity;
359        }
360    }
```

3.6 nav.js

```
1   $(document).ready(function(){
2       ajaxNav();
3   });
4
5   function ajaxNav(){
6       $.ajax({
7           url: "data/nav.json",
8           method: 'GET',
9           dataType: 'json',
10          success: function(links){
11              renderNav(links);
12
13          },
14          error: function(err) {
15          console.error(err);
16          }
17      });
18  }
19
20  function renderNav(links){
21      let html = "";
22      let location = window.location.pathname.split('/')[window.location.pathname.split('/').length-1];
23      links.forEach(link=>{
24          if(location==link.href || location==""){
25              html+=`
26                  <li class="nav-item active">
27                      <a class="nav-link" href="${link.href}">${link.content}</a>
28                  </li>`;
29          }
30          else{
31              html+=`
32                  <li class="nav-item">
33                      <a class="nav-link" href="${link.href}">${link.content}</a>
34                  </li>`;
35          }
36
37          document.getElementById("nav").innerHTML = html;
38      })
39  }
```

3.7 posts.js

```
1   window.onload = function(){
2
3       ajaxPosts();
4
5   function ajaxPosts(){
6       $.ajax({
7           url: "data/blogPosts.json",
8           method: 'GET',
9           dataType: 'json',
10          success: function (posts) {
11              renderPosts(posts);
12
13          },
14          error: function(err) {
15          console.error(err);
16          }
17      });
18  }
19
20  function renderPosts(posts){
21      var months = ["January", "February", "March", "April", "May", "Jun", "July", "August", "September", "October", "November", "December"];
22      var postDate = "";
23
24      let html = "";
25      posts.forEach(post=>{
26          postDate=`${months[post.date.monthP-1]} ${post.date.dayP} ${post.date.yearP}`;
27          html+=`
28          <div class="col-lg-4 col-md-6 mb-5">
29              <div class="card">
30                  <img class="card-img-top" src="${post.img.src}" alt="${post.img.src}">
31                  <div class="card-body">
32                      <h5 class="card-title">${post.title}</h5>
33                      <p class="card-text">${post.content}</p>
34                  </div>
35                  <div class="card-footer">
36                      <small class="text-muted">${postDate}</small>
37                  </div>
38              </div>
39          </div>
40          `;
41      })
```

```javascript
41          })
42          document.getElementById("blogPosts").innerHTML = html;
43          document.getElementById("dateSort").addEventListener("change",(e)=>{
44              filterPosts(e);
45          });
46
47      }
48
49      function filterPosts(e){
50          $.ajax({
51              url: 'data/blogPosts.json',
52              method: 'GET',
53              dataType: 'json',
54              success: function (posts) {
55
56                  posts.forEach(post=>{
57                      post.postDate = new Date(`${post.date.monthP}-${post.date.dayP}-${post.date.yearP}`);
58                  });
59                      if(e.target.value == 1){
60                          posts.sort((a,b)=>b.postDate-a.postDate);
61                          //posts = posts.slice(0,3);
62                      }
63                      else if(e.target.value == 2){
64                          posts.sort((a,b)=>a.postDate-b.postDate);
65                      }
66
67                  renderPosts(posts);
68
69              },
70              error: function(err) {
71              console.error(err);
72              }
73          });
74
75      }
76
77  }
```

3.8 cart.js

```
1   $(document).ready(function(){
2       getFromLocalStorage();
3
4   });
5
6   function getFromLocalStorage(){
7       const phoneItems = {...localStorage};
8       const phoneKeys = Object.keys(phoneItems);
9       let allPhonesInLS = [];
10      if(phoneKeys.length !==0){
11
12          phoneKeys.forEach(key=>{
13              allPhonesInLS.push(JSON.parse(phoneItems[key]));
14          });
15      }
16      if(allPhonesInLS.length){
17          let html="";
18          allPhonesInLS.forEach(phone=>{
19              html+=
20              `
21              <tr>
22                  <th scope="row" class="text-center align-middle">${phone.id}</th>
23                  <td class="text-center"><img src="${phone.img}" alt="${phone.name}"/></td>
24                  <td class="text-center align-middle">${phone.name}</td>`;
25                  if(phone.price.sale){
26                      html+=`<td class="text-center align-middle">${phone.price.new}</td>`;
27                  }
28                  else{
29                      html+=`<td class="text-center align-middle">${phone.price.old}</td>`;
30                  }
31                  html+=`
32                  <td class="text-center align-middle"><span id="${phone.id}" class="fas fa-trash-alt trash"></span></td>
33              </tr>
34              `;
35          })
36
37          document.getElementById("fromLocalStorage").innerHTML = html;
38          document.querySelectorAll(".trash").forEach(tr=>{
39              tr.addEventListener("click",function(e){
40                  deletePhone(e);
```

```
37              document.getElementById("fromLocalStorage").innerHTML = html;
38              document.querySelectorAll(".trash").forEach(tr=>{
39                  tr.addEventListener("click",function(e){
40                      deletePhone(e);
41                      getFromLocalStorage();
42                  });
43              });
44          }
45          else{
46              document.getElementById("fromLocalStorage").innerHTML = `
47                  <tr><td colspan="5">No products in the cart.</td></tr>
48              `;
49          }
50
51          function deletePhone(e){
52              allPhonesInLS.forEach(phone=>{
53                  if(phone.id==e.target.id){
54                      localStorage.removeItem(phone.id);
55                  }
56              })
57
58          }
59      }
60
61
```

3.9 contact.js

```javascript
1    $(document).ready(function(){
2        formValidation();
3    });
4    function formValidation(){
5        var checker=0;
6        var formInformationArray=[];
7        document.getElementById("firstName").addEventListener("blur", function(){
8            var fName = document.getElementById('firstName').value.trim();
9            var rfName = /^[A-Z][a-z]{1,14}((\-|\s)[A-Z][a-z]{1,14})?$/;
10           if(!rfName.test(fName)){
11
12               document.querySelector("#firstName").style.border='2px solid #ff0000';
13           }
14           else{
15               formInformationArray.push();
16               document.querySelector("#firstName").style.border='none';
17               checker=1;
18           }
19       });
20       document.getElementById("lastName").addEventListener("blur", function(){
21           var lName = document.getElementById('lastName').value.trim();
22           var rlName = /^[A-Z][a-z]{1,20}$/;
23           if(!rlName.test(lName)){
24
25               document.querySelector("#lastName").style.border='2px solid #ff0000';
26           }
27           else{
28               formInformationArray.push();
29               document.querySelector("#lastName").style.border='none';
30               checker=1;
31           }
32       });
33       document.getElementById("email").addEventListener("blur", function(){
34           var email = document.getElementById('email').value.trim();
35           var rEmail = /^[a-z\d\_\-\.]{2,}@[a-z]{2,10}(\.[a-z]{2,5})+$/;
36           if(!rEmail.test(email)){
37
38               document.querySelector("#email").style.border='2px solid #ff0000';
39           }
40           else{
```

```
40          else{
41              formInformationArray.push();
42              document.querySelector("#email").style.border='none';
43              checker=1;
44          }
45      });
46      document.getElementById("comment").addEventListener("blur", function(){
47          var comment = document.getElementById('comment').value.trim();
48          var rComment = /^[\w\s\.\,\-\!\?\#\%\$\:\;]{20,}$/;
49          if(!rComment.test(comment)){
50
51              document.querySelector("#comment").style.border='1px solid #ff0000';
52          }
53          else{
54              formInformationArray.push();
55              document.querySelector("#comment").style.border='none';
56              checker=1;
57          }
58      });
59      document.querySelector("#send").addEventListener("click",function(){
60          if(checker==0){
61              document.querySelector("#comment").style.border='1px solid #ff0000';
62              document.querySelector("#email").style.border='1px solid #ff0000';
63              document.querySelector("#firstName").style.border='1px solid #ff0000';
64              document.querySelector("#lastName").style.border='1px solid #ff0000';
65          }
66      });
67  }
```

4.0 main.css

```css
1  *{
2      box-sizing: border-box;
3  }
4  body{
5      overflow-x: hidden;
6  }
7  :focus{
8      outline: none!important;
9  }
10 html{
11     scroll-behavior: smooth;
12 }
13 a{
14     text-decoration: none;
15 }
16 a:hover{
17     text-decoration: none;
18 }
19 #landingImg{
20     height: 100vh;
21     background-image: url("../images/bgImg.jpg");
22     background-position: center;
23     background-size: cover;
24 }
25 .arrowText{
26     color: #00659D;
27     font-weight: bold;
28     font-size: 20px;
29 }
30 .arrow-down {
31     width: 0;
32     height: 0;
33     border-left: 30px solid transparent;
34     border-right: 30px solid transparent;
35
36     border-top: 50px solid #00659D;
37 }
38 .arrow-down:hover{
39     border-top-color: #669A30;
40 }
```

4.0 main.css

```css
41   #menuButton{
42       color: #00659D;
43       font-size: 30px;
44       font-weight: normal;
45   }
46   .menuPosts{
47       background-color: #000;
48   }
49   #menu{
50       font-size: 20px;
51   }
52   #btnSearch{
53       position: absolute;
54       top:1px;
55       right:0;
56       padding: 9px;
57       color: #669A30;
58       border: 1px solid #669A30;
59       border-radius: 4px;
60   }
61
62   .ribbon{
63       width: 150px;
64       height: 34px;
65       top: 20px;
66       right: -40px;
67       position: absolute;
68       display: block;
69       background: #FF0000;
70       color: #333;
71       font-family: arial;
72       font-size: 18px;
73       color: white;
74       text-align: center;
75       line-height: 34px;
76       transform: rotate(45deg);
77       -webkit-transform: rotate(45deg);
78       -ms-transform: rotate(45deg);
79   }
```

```css
80   #align{
81       position: relative;
82       left:0;
83       top: 0;
84       padding: 0;
85       margin: 0;
86   }
87
88   .configItem{
89
90       font-size: 30px;
91       color: #00659D;
92   }
93
94   .color{
95       color: #669A30;
96   }
97   .color2{
98       color: #00659D;
99   }
100
101  :root {
102      /* Set fade in duration */
103      --fade-time: 0.5s;
104    }
105
106  .imgs img {
107    cursor: pointer;
108  }
109  /* Fade in animation */
110  @keyframes fadeIn {
111    to {
112      opacity: 1;
113    }
114  }
115  .fade-in {
116    opacity: 0;
117    animation: fadeIn var(--fade-time) ease-in 1 forwards;
118  }
119  .btn-primary{
```

```css
119    .btn-primary{
120        background-color: ■#00659D;
121    }
122
123    .btn-success{
124        background-color: ■#669A30;
125    }
126    .news{
127        margin-top:10rem;
128    }
129    .bgcolor{
130        background-color: □#000;
131    }
132    .price{
133        font-size: 20px;
134    }
135    .marginTop{
136        margin-top: 10rem;
137    }
138    .num{
139        right: 3px;
140        top: -10px;
141        font-size: 25px;
142    }
143    .size{
144        font-size: 25px;
145    }
146    .trash{
147        font-size: 25px;
148        color: ■#00659D;
149        cursor: pointer;
150    }
151
152    #contact{
153        font-size: 23px;
154        font-weight: bold;
155        color: ■rgb(92, 146, 33);
156    }
```

```
153          font-size: 23px;
154          font-weight: bold;
155          color: ■rgb(92, 146, 33);
156     }
157     .bgPicture{
158          background-image: url("../images/nekaSlikica.jpg");
159          background-position: center;
160          background-attachment: fixed;
161          background-size: cover;
162          background-repeat: no-repeat;
163     }
```

4.1 blogposts.json

```
1   [
2       {
3           "img" : {
4               "src" : "assets/images/samsungA8Post.jpg",
5               "alt" : "Samsung A8+ news"
6           },
7           "title" : "Samsung Galaxy A8+ (2018) gets Android Pie update",
8           "content" : "The Samsung Galaxy A8+ (2018) that was launched back in December 2017 with Android Nougat is getting the Android Pie upda
9           "date" : {
10              "dayP": 9,
11              "monthP": 2,
12              "yearP": 2019
13          }
14      },
15      {
16          "img" : {
17              "src" : "assets/images/huaweiPost.png",
18              "alt" : "Huawei P30 news"
19          },
20          "title" : "Huawei continues its P30 teaser campaign with some impressive zoom photos",
21          "content" : "Huawei's upcoming P30 and P30 Pro flagships have been leaking left and right over the past few months. So much so, in fac
22          "date" : {
23              "dayP": 7,
24              "monthP": 3,
25              "yearP": 2019
26          }
27      },
```

4.2 posts.json

```json
[
    {
        "id": 1,
        "name": "Huawei P Smart",
        "price": {
            "sale" : true,
            "new" : 235,
            "old" : 400
        },
        "img": "assets/images/pSmart.jpg",
        "imgs":[
            "assets/images/huaweiP1.jpg",
            "assets/images/huaweiP2.jpg",
            "assets/images/pSmart.jpg"
        ],
            "disp": 6.21,
            "ROM": 32,
            "RAM": 3,
            "selfie": 8,
            "cameraR": 13,
            "cpu": "Octa-core (4x2.36 GHz Cortex-A53 & 4x1.7 GHz Cortex-A53)"
    },
    {
        "id": 2,
        "name": "Huawei Mate 20 X",
        "price": {
            "sale" : true,
            "new" : 924,
            "old" : 999
        },
        "img": "assets/images/mate20.jpg",
        "imgs":[
            "assets/images/huaweiMate2.jpg",
            "assets/images/huaweiMate1.jpg",
            "assets/images/mate20.jpg"
        ],
            "disp": 7.2,
            "ROM": 64,
            "RAM": 4,
            "selfie": 40,
```

4.3 categories.json

```json
[
    {
        "name" : "ram",
        "value" : 2,
        "labelContent" : "2 Gb",
        "id": "ram1"
    },
    {
        "name" : "ram",
        "value" : 3,
        "labelContent" : "3 Gb",
        "id": "ram2"
    },
    {
        "name" : "ram",
        "value" : 4,
        "labelContent" : "4 Gb",
        "id": "ram3"
    },
    {
        "name" : "storage",
        "value" : 8,
        "labelContent" : "8 Gb",
        "id": "storage1"
    },
    {
        "name" : "storage",
        "value" : 16,
        "labelContent" : "16 Gb",
        "id": "storage2"
    },
    {
        "name" : "storage",
        "value" : 32,
        "labelContent" : "32 Gb",
        "id": "storage3"
    },
    {
        "name" : "storage",
        "value" : 64,
```

4.3 categories.json

4.4 nav.json

```json
[
    {
        "href" : "index.html",
        "content" : "Home"
    },
    {

        "href" : "blogposts.html",
        "content" : "News"
    },
    {

        "href" : "contact.html",
        "content" : "Contact"
    },
    {

        "href" : "cart.html",
        "content" : "<span class='fas fa-shopping-cart position-relative'><span class='text-white position-absolute num'></span></span>"
    }
]
```

4.5 organizacija fajlova