



DOKUMENTACIJA

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

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1.UVOD

1.1 Korišćene tehnologije :

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

1.2 Okruženje:

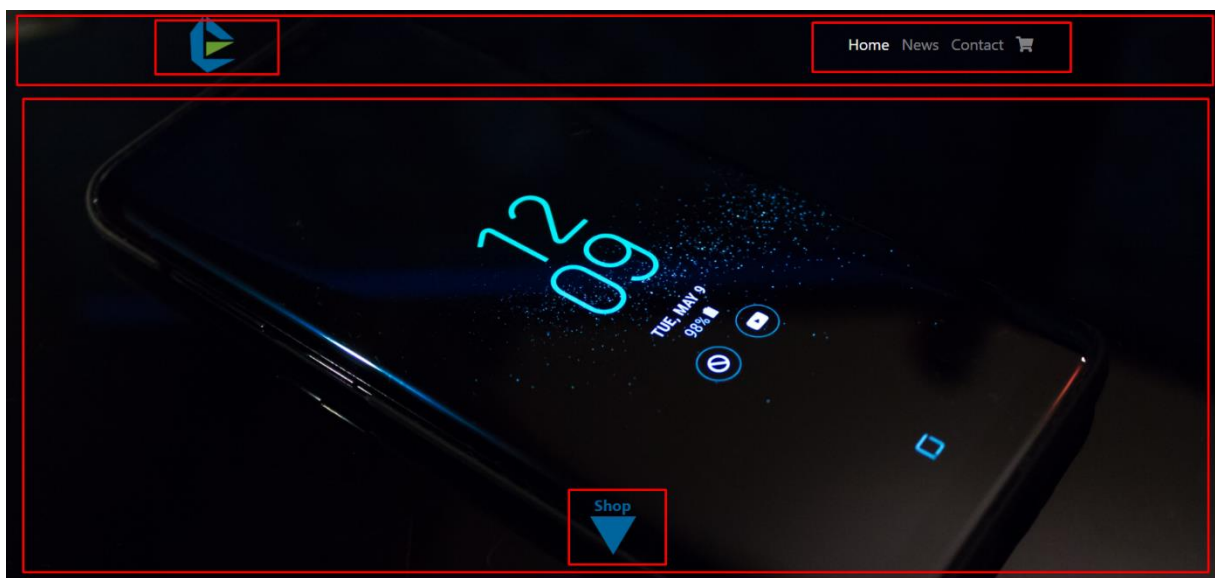
- VS code

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
 - Prilagodljivo svim ekranima
-
- Contact.html
 - Dinamička navigacija
 - Provera forme regularnim izrazima
 - Prilagodljivo svim ekranima
-
- Cart.html
 - Dinamička navigacija
 - Prilagodljivo svim ekranima
 - Ispisivanje proizvoda iz local storage-a
 - Brisanje proizvoda iz local storage-a

1.4 Template



Checkout our phones

RAM memory

☐ 2 Gb

☐ 3 Gb

☐ 4 Gb


ROM memory

☐ 8 Gb

☐ 16 Gb

☐ 32 Gb


☐ 64 Gb



Huawei P Smart

235\$ ~~400\$~~


[View configuration](#)



Huawei Mate 20 X

924\$ ~~999\$~~


[View configuration](#)



Samsung Galaxy A6

252\$


[View configuration](#)



Apple iPhone 8 (Red)

610\$


[View configuration](#)



Xiaomi Redmi Note 7

199\$ ~~220\$~~


[View configuration](#)




Xiaomi Redmi Note 7






520\$


[View configuration](#)




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5.2px




64 Gb



4 Gb




Selfie: 13px ; Main-camera: 48px




Octa-core (4x2.4 GHz Cortex-A53 & 4x1.6 GHz Cortex-A53)

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Order by date...



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 security patch. The update is currently only available in Russia and there's no word on when it will be rolled out in other markets

February 6, 2019



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 fact, that the Pro variant can even be spotted in at least two sets of hands-on photos, with the latter one actually coming from a media outlet, complete with impressions.



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 pre-order record, the US is also seeing record pre-orders for the Samsung flagship

January 27, 2019






Home News Contact

First Name

Last Name

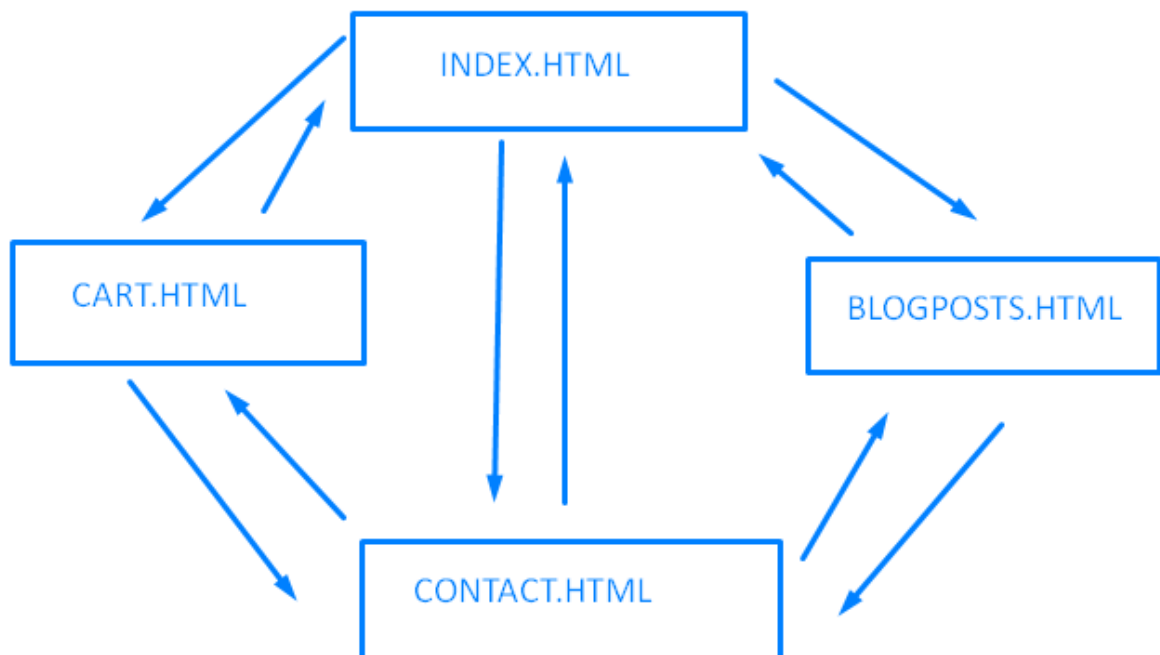
E-mail

Your message

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

1. ORGANIZACIJA

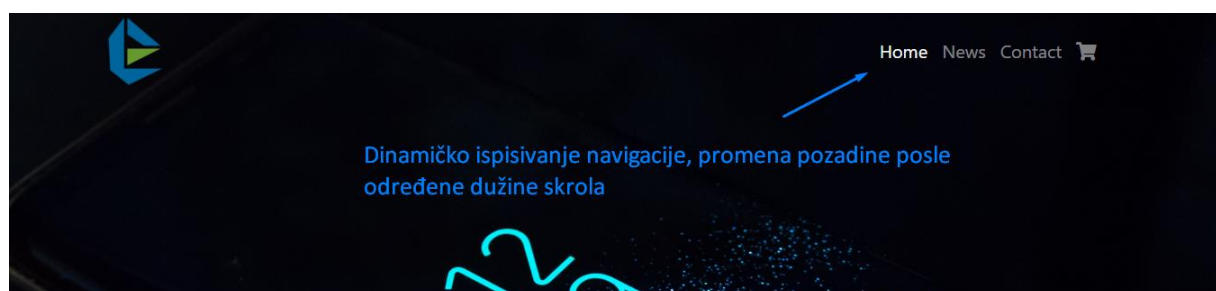
2.1. Organizaciona šema



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



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.




Huawei P Smart
235\$ ~~400\$~~
[View configuration](#)



Huawei Mate 20 X
924\$ ~~999\$~~
[View configuration](#)









Samsung Galaxy A6
252\$
[View configuration](#)

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UČITAVA SE KLIKOM NA VIEW CONFIGURATION SA 'SVIH TELEFONA'

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 ILI PREDHONOD ISFILTRIRANE

UBACUJE U LOCAL STORAGE


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Sortiranje od najnovijeg i od najstarijeg posta


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

Prati promenu lokacije i dodaje klasu active.



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[Contact](#)


Provera na blur i na click na Submit.
 Proveravaju se sva polja.
 Grešku ukazuje crveni border.





First Name

Last Name

E-mail

Your message

ISPISIVANJE PROIZVODA IZ LOCAL STORAGE-A

#Id	Image	Name	Price	Remove
2		Huawei Mate 20 X	924	<div>  </div>
6		Xiaomi Redmi Note 7	520	<div>  </div>

MOGUĆNOST BRISANJA PROIZVODA
 SA STRANE I IZ LOCAL STORAGE-A

2. KODOVI

3.1 index.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      <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-LZN377f5QgY3VhG1s514W3ExzMWZxybE1S3JSEsQp9S+oqd12jhcu+A56g
10     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-G3zQzFgwblq1QTN6wy59fff18uG3pLSa90kKmp0Dg
11     <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css" integrity="sha384-fnmOCqbTlWIlj8LyTjo7mOUSTjsK4C4pOpQbqy17RhN7udi9RuhKk4Hpv
12     <link rel="stylesheet" type="text/css" media="screen" href="assets/css/main.css" />
13  </head>
14  <body>
15      <nav class="navbar navbar-dark navbar-expand-lg navbar-inverse bg-inverse fixed-top p-0" id="menu">
16          <div class="container">
17              <a href="#"></a>
18              <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-exp
19              <span id="menuButton" class="fa fa-bars"></span>
20          </button>
21          <div class="collapse navbar-collapse" id="navbarSupportedContent">
22              <ul class="navbar-nav ml-auto text-center" id="nav">
23                  <li><a href="#">Home</a></li>
24                  <li><a href="#">About</a></li>
25                  <li><a href="#">Contact</a></li>
26              </ul>
27          </div>
28      </div>
29  </nav>
30  <div class="container-fluid d-flex flex-column justify-content-end" id="landingImg">
31      <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>
32  </div>
33  <div class="container" id="content">
34      <div id="singlePhone" class="d-none"></div>
35      <div id="allPhones" class="d-block fade-in">
36          <h1 class="m-5 text-center"><span class="myBorder pb-2">Checkout our <span class="color"> phones</span></span></h1>
37          <div class="row">
38              <div class="col-lg-3 mb-3">
39                  <div class="card">
40                      <div id="align" class="mb-3">
41                          <input class="form-control" type="text" placeholder="Search" id="search">
42                          <i class="fas fa-search" id="btnSearch"></i>
43                      </div>
44                      <div class="d-md-flex flex-lg-column flex-xs-column justify-content-md-around" id="categories">
45                          <div class="card">
46                              <div class="card-body">
47                                  <div class="text-center">
48                                      <div class="col-lg-9">
49                                          <div class="row" id="products"></div>
50                                      </div>
51                                  </div>
52                              </div>
53                          </div>
54                      </div>
55                  </div>
56          </div>
57      <div class="w-100 bgcolor py-2 text-white">
58          <div class="container">
59              <div class="configitem d-flex justify-content-end">
60                  <a href="https://www.instagram.com"><span class="fab fa-instagram mr-2"></span></a>
61                  <a href="https://www.facebook.com"><span class="fab fa-facebook-square mr-2"></span></a>
62                  <a href="https://www.twitter.com"><span class="fab fa-twitter-square mr-2"></span></a>
63                  <a href="assets/documentation.pdf"><span class="fas fa-scroll mr-2"></span></a>
64                  <a href="https://katicakaja.github.io/automagazine/assets/pages/aboutme.html"><span class="fas fa-user-secret"></span></a>
65              </div>
66          </div>
67          <div class="text-center"><p>Copyright &copy; <span class="color size">e</span><span class="color2">mobile</span> 2019</p></div>
68      </div>
69  </body>
70  </html>

```

3.2 blogposts.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="/mobile.ico" type="image/x-icon">
9    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-1Zn37f5QgtY3VHgisS14W3ExZMMZxybE1S7SEsQp9S+ogd12jhcu+A56Ebc1zF5"
10    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-G3ZzFgmb1Q1Tb6y59fffi18uG7pLsa90DkKp00g1MDm43"
11    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css" integrity="sha384-fnmOCqbTlWIlj8LyTjo7mOUstjsKC4pOpQbqyi7R+hN7udI9RwhKkM4pVlbgH9S"
12    <link rel="stylesheet" type="text/css" media="screen" href="/assets/css/main.css"/>
13  </head>
14  <body>
15    <nav class="navbar navbar-dark navbar-expand-lg navbar-inverse bg-inverse fixed-top p-0 menuPosts" id="menu">
16      <div class="container">
17        <a href="#"></a>
18        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded=
19          <span id="menuButton" class="fa fa-bars"></span>
20        </button>
21        <div class="collapse navbar-collapse" id="navbarSupportedContent">
22          <ul class="navbar-nav ml-auto text-center" id="nav">
23
24          </ul>
25        </div>
26      </div>
27    </nav>
28    <div class="container news">
29      <div class="row mt-5 mb-5">
30        <div class="mb-5 col-lg-6 col-md-12">
31          <select class="custom-select" id="dateSort">
32            <option value="0">Order by date...</option>
33            <option value="1">Latest posts</option>
34            <option value="2">Oldest posts</option>
35          </select>
36        </div>
37        <div class="row mx-0" id="blogPosts">
38
39
40
41      </div>
42    </div>
43    <footer class="w-100 bgcolor py-2 text-white">
44      <div class="container">
45        <div class="configItem d-flex justify-content-end">
46          <a href="https://www.instagram.com"><span class="fab fa-instagram mr-2"></span></a>
47          <a href="https://www.facebook.com"><span class="fab fa-facebook-square mr-2"></span></a>
48          <a href="https://www.twitter.com"><span class="fab fa-twitter-square mr-2"></span></a>
49          <a href="/assets/documentation.pdf"><span class="fas fa-scroll mr-2"></span></a>
50          <a href="https://katicakaja.github.io/automagazine/assets/pages/aboutme.html"><span class="fas fa-user-secret"></span></a>
51        </div>
52        <div class="text-center"><p>Copyright &copy; <span class="color size">e</span>-<span class="color2">mobile</span> 2019</p></div>
53      </div>
54    </footer>
55    <script src="https://code.jquery.com/jquery-3.3.1.min.js" integrity="sha256-FggPb/K3Q1LNfou91a32o/NMZxltwRo8QtmkMRdAu8=" crossorigin="anonymous"></script>
56    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy615SRaxvf0cifBQy1xHdJ/yoi7FRNXMRBu5WHdZYu1"
57    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-B0UgLyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls716U/mkkadukK"
58    <script src="/assets/js/nav.js"></script>
59    <script src="/assets/js/posts.js"></script>
60  </body>
61 </html>

```

3.3 contact.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="mobile.ico" type="image/x-icon">
9      <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-L2N37f5QCTY3VHglisS14W3ExzPMZxybE15J5EsQp9S5oqnd12jhecu+A56Ebc"
10     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-G3zQFgwB1QITN6wy99fF1BuGJpLsa9DkKp00Di1Mh"
11     <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css" integrity="sha384-fnmOCqbl1W1lj8Ly1j0mOUSTjsKC4p0pQbqy17RrH7ud19RwhKKM4pVpLb"
12     <link rel="stylesheet" type="text/css" media="screen" href="assets/css/main.css"/>
13  </head>
14  <body class="bgPicture">
15      <nav class="navbar navbar-dark navbar-expand-lg navbar-inverse bg-inverse fixed-top p-0 menuPosts" id="menu">
16          <div class="container">
17              <a href="index.html"></a>
18              <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false">
19                  <span id="menuButton" class="fa fa-bars"></span>
20              </button>
21              <div class="collapse navbar-collapse" id="navbarSupportedContent">
22                  <ul class="navbar-nav ml-auto text-center" id="nav">
23                      <li><a href="#">Home</a></li>
24                      <li><a href="#">About</a></li>
25                      <li><a href="#">Services</a></li>
26                      <li><a href="#">Contact</a></li>
27                  </ul>
28              </div>
29          </div>
30      </nav>
31      <div class="container marginTop min-vh-100" id="contact">
32          <form action="#" method="POST" class="w-75">
33              <div class="form-group">
34                  <label for="firstName">First Name</label>
35                  <input type="text" class="form-control" id="firstName" placeholder="Your name..." name="fname"/>
36              </div>
37              <div class="form-group">
38                  <label for="lastName">Last Name</label>
39                  <input type="text" class="form-control" id="lastName" placeholder="Last name here..." name="lname"/>
40              </div>
41              <div class="form-group">
42                  <label for="email">E-mail</label>
43                  <input type="text" class="form-control" id="email" placeholder="Your e-mail..." name="email"/>
44              </div>
45              <div class="form-group">
46                  <label for="comment">Your message</label>
47                  <textarea class="form-control" id="comment" rows="6" placeholder="Here..." name="message"></textarea>
48              </div>
49              <button type="submit" class="btn btn-primary w-50" id="send" name="send">Submit</button>
50          </form>
51      </div>
52
53      <footer class="w-100 bgcolor py-2 text-white">
54          <div class="container">
55              <div class="configItem d-flex justify-content-end">
56                  <a href="https://www.instagram.com"><span class="fab fa-instagram mr-2"></span></a>
57                  <a href="https://www.facebook.com"><span class="fab fa-facebook-square mr-2"></span></a>
58                  <a href="https://www.twitter.com"><span class="fab fa-twitter-square mr-2"></span></a>
59                  <a href="assets/documentation.pdf"><span class="fas fa-scroll mr-2"></span></a>
60                  <a href="https://katicakaja.github.io/automagazine/assets/pages/aboutme.html"><span class="fas fa-user-secret"></span></a>
61              </div>
62              <div class="text-center"><p>Copyright &copy; <span class="color size"></span><span class="color2">mobile</span> 2019</p></div>
63          </div>
64      </footer>
65
66      <script src="https://code.jquery.com/jquery-3.3.1.min.js" integrity="sha256-FggCb/KJQ1LNf0u91ta32o/NM2xltwRo8QtnkWRdAu8=" crossorigin="anonymous"></script>
67      <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wHAiFfRlWYj61S8xvFOCIfB0Qy1xHdJ/yoi1FRNXWRBU5MHdZYu1hA6Z0b1g"
68      <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-B0UglyR+j16cKluJ87a3vGFoO5waKp606a7fD8207563E245D3585qp91AbQ6"
69      <script src="assets/js/nav.js"></script>
70      <script src="assets/js/contact.js"></script>
71  </body>
72  </html>

```


3.5 main.js

```

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     $.ajax({
12         url: "data/phones.json",
13         method: "GET",
14         dataType: "json",
15         success: function(data){
16             renderPhones(data);
17         },
18         error: function(status, error){
19             console.log(status);
20         }
21     });
22 }
23
24 // RENDER ALL PHONES
25 function renderPhones(data){
26     let html = "";
27     data.forEach(phone => {
28         html += `<div class="col-lg-4 col-md-6 overflow-hidden mb-5">
29             
30             <div class="d-flex justify-content-center mt-3 price"><p>${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             else{
37                 html+=`<div class="d-flex justify-content-center price"><p>${phone.price.old}</p></div>`;
38             }
39         }
40     });
41     document.querySelector("#products").innerHTML = html;
42     document.querySelectorAll(".config").forEach(button=>{
43         button.addEventListener("click", ajaxPhone);
44     });
45 }
46
47 // RENDER ONE PHONE
48 function renderPhone(phone){
49     let html = "";
50     html+=`
51     <div class="row mt-5 mb-5 fade-in">
52         <div class="col-md-6">
53             <div class="main-img w-100 d-flex justify-content-center"></div>
54             <div class="row imgs mt-3">
55                 phone.imgs.forEach(img=>{
56                     html+=``;
57                 })
58             </div>
59         </div>
60     </div>`
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>`;
91
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(){

```

```

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         error: function(status, error){
164             console.log(status);
165         }
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
```

```

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         else{
264             renderPhones(data);
265         }
266         if(parsedData.length==0 && boxesChecked.length > 0){
267             noProducts();
268         }
269     },
270     error: function(status, error){
271         console.log(status);
272     }
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      $.ajax({
7          url: "data/nav.json",
8          method: 'GET',
9          dataType: 'json',
10         success: function(links){
11             renderNav(links);
12         },
13         error: function(err) {
14             console.error(err);
15         }
16     });
17 }
18
19
20 function renderNav(links){
21     let html = "";
22     let location = window.location.pathname.split('/')[window.location.pathname.split('/').length-1];
23     links.forEach(link=>{
24         if(location==link.href || location==""){
25             html+=`
26             <li class="nav-item active">
27                 <a class="nav-link" href="${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         $.ajax({
7             url: "data/blogPosts.json",
8             method: 'GET',
9             dataType: 'json',
10            success: function (posts) {
11                renderPosts(posts);
12            },
13            error: function(err) {
14                console.error(err);
15            }
16        });
17    }
18 }
19
20 function renderPosts(posts){
21     var months = ["January", "February", "March", "April", "May", "Jun", "July", "August", "September", "October", "November", "December"];
22     var postDate = "";
23
24     let html = "";
25     posts.forEach(post=>{
26         postDate = `${months[post.date.monthP-1]} ${post.date.dayP} ${post.date.yearP}`;
27         html+=`
28         <div class="col-lg-4 col-md-6 mb-5">
29             <div class="card">
30                 
31                 <div class="card-body">
32                     <h5 class="card-title">${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     });
42 }
```



```
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     $.ajax({
51         url: 'data/blogPosts.json',
52         method: 'GET',
53         dataType: 'json',
54         success: function (posts) {
55             posts.forEach(post => {
56                 post.postDate = new Date(`${post.date.monthP}-${post.date.dayP}-${post.date.yearP}`);
57             });
58             if (e.target.value == 1) {
59                 posts.sort((a, b) => b.postDate - a.postDate);
60                 //posts = posts.slice(0, 3);
61             }
62             else if (e.target.value == 2) {
63                 posts.sort((a, b) => a.postDate - b.postDate);
64             }
65
66             renderPosts(posts);
67         },
68         error: function (err) {
69             console.error(err);
70         }
71     });
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"></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

```

1  $(document).ready(function(){
2      formValidation();
3  });
4  function formValidation(){
5      var checker=0;
6      var formInformationArray=[];
7      document.getElementById("firstName").addEventListener("blur", function(){
8          var fName = document.getElementById('firstName').value.trim();
9          var r fName = /^[A-Z][a-z]{1,14}((\s|s)[A-Z][a-z]{1,14})?$/;
10         if(!r fName.test(fName)){
11             document.querySelector("#firstName").style.border='2px solid #ff0000';
12         }
13         else{
14             formInformationArray.push();
15             document.querySelector("#firstName").style.border='none';
16             checker=1;
17         }
18     });
19     document.getElementById("lastName").addEventListener("blur", function(){
20         var lName = document.getElementById('lastName').value.trim();
21         var r lName = /^[A-Z][a-z]{1,20}$/;
22         if(!r lName.test(lName)){
23             document.querySelector("#lastName").style.border='2px solid #ff0000';
24         }
25         else{
26             formInformationArray.push();
27             document.querySelector("#lastName").style.border='none';
28             checker=1;
29         }
30     });
31     document.getElementById("email").addEventListener("blur", function(){
32         var email = document.getElementById('email').value.trim();
33         var rEmail = /^[a-z\d_\-\.\.]{2,}@[a-z]{2,10}(\.[a-z]{2,5})+$/;
34         if(!rEmail.test(email)){
35             document.querySelector("#email").style.border='2px solid #ff0000';
36         }
37         else{
38             formInformationArray.push();
39             document.querySelector("#email").style.border='none';
40             checker=1;
41         }
42     });
43 }

```

```

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 style.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 }
```

```
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 }
```

```

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{

```



```
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 update",
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 fact, that we've already seen a few of the most interesting features of the new phones.",
22      "date" : {
23        "dayP": 7,
24        "monthP": 3,
25        "yearP": 2019
26      }
27    }
28  }
```

4.2 posts.json

```
1  [
2    {
3      "id": 1,
4      "name": "Huawei P Smart",
5      "price": {
6        "sale" : true,
7        "new" : 235,
8        "old" : 400
9      },
10     "img": "assets/images/pSmart.jpg",
11     "imgs": [
12       "assets/images/huaweiP1.jpg",
13       "assets/images/huaweiP2.jpg",
14       "assets/images/pSmart.jpg"
15     ],
16     "disp": 6.21,
17     "ROM": 32,
18     "RAM": 3,
19     "selfie": 8,
20     "cameraR": 13,
21     "cpu": "Octa-core (4x2.36 GHz Cortex-A53 & 4x1.7 GHz Cortex-A53)"
22   },
23   {
24     "id": 2,
25     "name": "Huawei Mate 20 X",
26     "price": {
27       "sale" : true,
28       "new" : 924,
29       "old" : 999
30     },
31     "img": "assets/images/mate20.jpg",
32     "imgs": [
33       "assets/images/huaweiMate2.jpg",
34       "assets/images/huaweiMate1.jpg",
35       "assets/images/mate20.jpg"
36     ],
37     "disp": 7.2,
38     "ROM": 64,
39     "RAM": 4,
40     "selfie": 40,
```

4.3 categories.json

```
1  [  
2    {  
3      "name" : "ram",  
4      "value" : 2,  
5      "labelContent" : "2 Gb",  
6      "id": "ram1"  
7    },  
8    {  
9      "name" : "ram",  
10     "value" : 3,  
11     "labelContent" : "3 Gb",  
12     "id": "ram2"  
13   },  
14   {  
15     "name" : "ram",  
16     "value" : 4,  
17     "labelContent" : "4 Gb",  
18     "id": "ram3"  
19   },  
20   {  
21     "name" : "storage",  
22     "value" : 8,  
23     "labelContent" : "8 Gb",  
24     "id": "storage1"  
25   },  
26   {  
27     "name" : "storage",  
28     "value" : 16,  
29     "labelContent" : "16 Gb",  
30     "id": "storage2"  
31   },  
32   {  
33     "name" : "storage",  
34     "value" : 32,  
35     "labelContent" : "32 Gb",  
36     "id": "storage3"  
37   },  
38   {  
39     "name" : "storage",  
40     "value" : 64,
```

4.4 nav.json

```
1  [
2    {
3      "href" : "index.html",
4      "content" : "Home"
5    },
6    {
7
8      "href" : "blogposts.html",
9      "content" : "News"
10   },
11   {
12
13     "href" : "contact.html",
14     "content" : "Contact"
15   },
16   {
17
18     "href" : "cart.html",
19     "content" : "<span class='fas fa-shopping-cart position-relative'><span class='text-white position-absolute num'></span></span>"
20   }
21 ]
```