

Visoka škola strukovnih studija za informacione i komunikacione tehnologije

Web programiranje 2



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UVOD

A) Korišćeni programski jezici:

Za izradu sajta korišćeni su sledeći programski i markup jezici:

- HTML
- BOOTSTRAP
- SASS
- JQUERY
- JAVASCRIPT
- JSON
- XML(Sitemap)

B) Opis funkcionalnosti:

Meni: Na svakoj stranici je dinamički ispisan navigacioni meni koristeći JSON i AJAX.

Forma: Na keyup-u se pomoću regularnih izraza proveravaju uneti podaci.

Prozvodi: Proizvodi na index.html stranici kao i na figures.html stranici su dinamički ispisani putem JSON-a i AJAX-a.

Filter: Filter za kategorije kao i filter za cene su takođe ispisani dinamički putem JSON-a i AJAX-a.

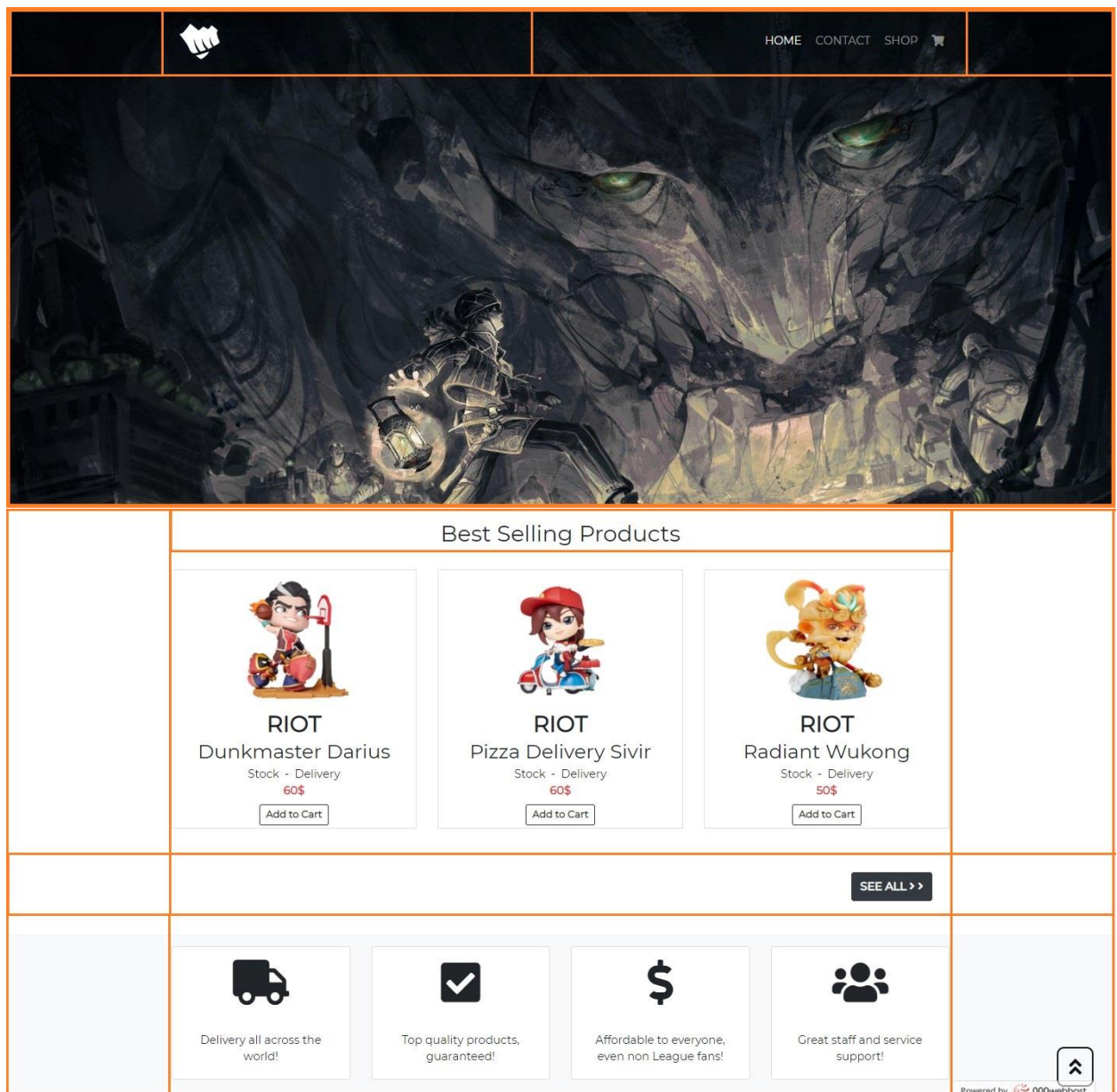
Sort: Sort By, List i Grid View su napisani u JQUERY-u.

Cart: Klikom na add to cart dugme se proizvod dodaje u korpu. Proizvod se prikazuje u cart.html-u preko Local Storage-a. Takođe funkcionalno dugme za brisanje, ako je korpa prazna prikazuje "Your cart is empty!". Prikaz ukupne cene svih proizvoda kao i dugme za nazad u shop. Klikom na dugme "Checkout" se prikazuje

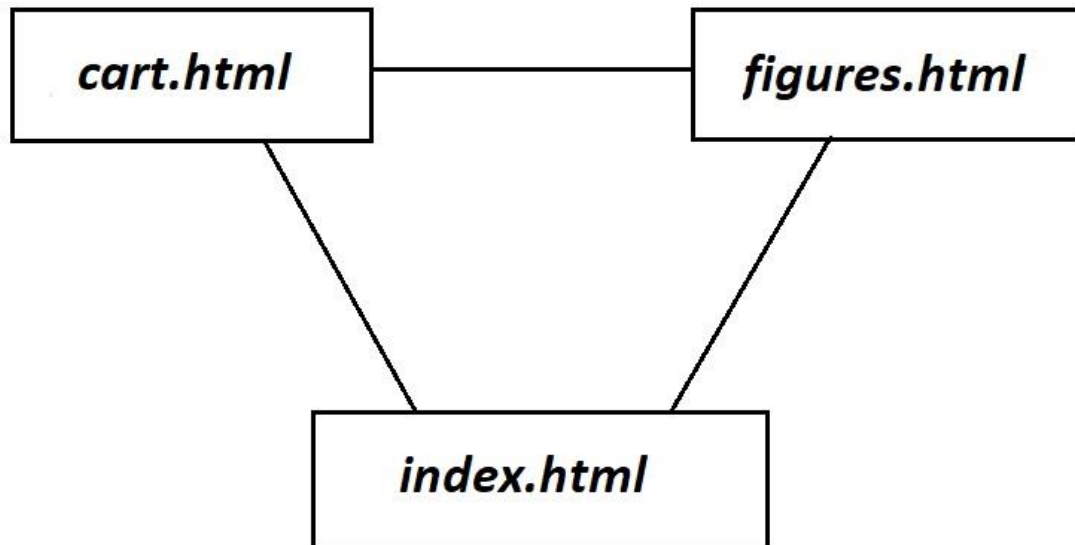
forma za unos podataka o dostavi. Podaci se proveravaju putem regularnih izraza.

Responsive: Sajt je optimizovan za sve uređaje. Korišćen je BOOTSTRAP.

C) Template:



Organizacija



SITEMAP

```
<?xml version="1.0" encoding="UTF-8"?>

<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
  <loc>http://mladjangavrilovic.000webhostapp.com/figures.html</loc>
  <lastmod>2020-03-27T19:10:10+00:00</lastmod>
  <priority>1.00</priority>
</url>
<url>
  <loc>http://mladjangavrilovic.000webhostapp.com/index.html</loc>
  <lastmod>2020-03-27T19:10:10+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>
  <loc>http://mladjangavrilovic.000webhostapp.com/cart.html</loc>
  <lastmod>2020-03-27T19:10:10+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>
  <loc>http://mladjangavrilovic.000webhostapp.com/author.html</loc>
  <lastmod>2020-03-27T19:10:10+00:00</lastmod>
  <priority>0.64</priority>
</url>
</urlset>
```

Kodovi

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="league, store, figures, fan, project,shop" />
  <meta name="description" content="League of Legends figure store. This is a school project made by a fan of Riot Games." />
  <meta name="author" content="Mladjan Gavrilovic" />
  <script src="https://kit.fontawesome.com/510440c54e.js" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
    integrity="sha384-Vkoo8x4CGs03+Hhvx8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">
  <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo="
    crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
    integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
    integrity="sha384-wfSDF2E50Y2D1uUdj003uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="assets/css/style.css">
  <link rel="icon" href="assets/images/icon.ico" type="image/icon" />
  <title>League Store</title>
</head>
<body>
  <header>
    <nav class="navbar navbar-dark navbar-expand-lg" id="nav-top">
```



```

        <div class="container">
            <a href="#"></a>
            <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarSupportedContent"
            aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
                <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>
</header>

    <main id="mainBlock" class="pt-3 pb-5">
        <section class="product-section">
            <div class="container">
                <div class="heading-wrap text-center">
                    <h1 class='d-inline-block bg-
white'>Best Selling Products</h3>
                </div>

                <div class="row best-sales py-4">

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

            <section class="container">
                <div class="row">
                    <div class="col-12 d-flex justify-content-end">
                        <a href="figures.html">
                            <button type="button" class="btn btn-dark py-2 mr-4 mt-1 text-
uppercase text-center">
                                See all
                                <i class="fa fa-angle-right"></i>
                                <i class="fa fa-angle-right"></i>
                            </button>
                        </a>

```

```

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

<section id="offer" class="bg-light py-3">
    <div class="container">
        <div class="row">
            <div class="col-lg-3 col-md3">
                <div class="card">
                    <i class="fas fa-truck"></i>
                    <div class="card-body">
                        <p class="card-text text-center">
                            Delivery all across the world!
                        </p>
                    </div>
                </div>
            </div>
            <div class="col-lg-3 col-md3">
                <div class="card">
                    <i class="fas fa-check-square"></i>
                    <div class="card-body">
                        <p class="card-text text-center">
                            Top quality products, guaranteed!
                        </p>
                    </div>
                </div>
            </div>
            <div class="col-lg-3 col-md3">
                <div class="card">
                    <i class="fas fa-dollar-sign"></i>
                    <div class="card-body">
                        <p class="card-text text-center">
                            Affordable to everyone, even non League fans!
                        </p>
                    </div>
                </div>
            </div>
            <div class="col-lg-3 col-md3">
                <div class="card">
                    <i class="fas fa-users"></i>
                    <div class="card-body">
                        <p class="card-text text-center">
                            Great staff and service support!

```

```

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

<section id="contact">
  <div class="container py-4">
    <div class="heading-wrap text-center">
      <h1 class='d-inline-block bg-white py-3'>Ask us anything</h1>
    </div>
    <form>
      <div class="row py-3">
        <div class="col">
          <input type="text" class="form-
control" id='ime' placeholder="First name*" onkeyup="checkData()">
        </div>
        <div class="col">
          <input type="text" class="form-
control" id='prezime' placeholder="Last name*" onkeyup="checkData()">
        </div>
      </div>
      <div class="row py-3">
        <div class="col">
          <input type="email" class="form-
control" id='email' placeholder="E-mail*" onkeyup="checkData()">
        </div>
        <div class="col">
          <input type="tel" class="form-
control" placeholder="Phone Number">
        </div>
      </div>
      <div class="row py-3">
        <div class="col-12">
          <div class="form-group">
            <label for="indexTrea">Got any questions?</label>
            <textarea name='indexTrea' class="form-
control" id="indexTrea" rows="3" onkeyup="checkData()"></textarea>
          </div>
        </div>
      </div>
      <div class="row py-3">
        <div class="col-12 d-flex justify-content-center">

```

```

                <button type="button" class="btn btn-outline-dark mr-
2" id='submitButtonCheckData'>Submit</button>
                <button type="reset" class="btn btn-outline-dark ml-
2" id="resetData">Reset</button>
            </div>
        </div>
    </form>
</div>
</section>

<footer id='footerBar' class="bg-dark">
    <a href='#nav-top'><button id="myBtn" title="Go to top"><i class="fas fa-
angle-double-up"></i></button></a>
    <div class="container">
        <div class="row justify-content-between">
            <div class="col-md-6 text-center pb-1">
                <h2>Links</h2>
                <h3><a href="docs.pdf">Docs</a></h3>
                <h3><a href="author.html">Author</a></h3>
                <h3><a href="sitemap.xml">Sitemap</a></h3>
            </div>
            <div class="col-md-6 text-center pb-1">
                <h2 class="pb-2">Follow us on social media</h2>
                <a href="#nav"><i class="fab fa-facebook-square"></i></a>
                <a href="#"><i class="fab fa-twitter-square"></i></a>
                <a href="#contact"><i class="fab fa-instagram-square"></i></a>
            </div>
        </div>
    </div>

    <div class="text-center bg-dark">
        <p class="text-light">Copyright &copy; Mladjan Gavrilovic 268/19</p>
    </div>
</footer>

<script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-
CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSF1Bw8HfCJo="
    crossorigin="anonymous"></script>
<script src='assets/js/main.js' type="text/javascript"></script>
<script src='assets/js/nav.js' type="text/javascript"></script>
</body>
</html>

```

Figures.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="league, store, figures, fan, project,shop" />
  <meta name="description" content="League of Legends figure store. This is a school project made by a fan of Riot Games." />
  <meta name="author" content="Mladjan Gavrilovic" />
  <script src="https://kit.fontawesome.com/510440c54e.js" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGs03+Hhvx8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">
  <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj003uMBJnjuUD4Ih7YwaYd1iQfktj0Uod8GCExl30g8ifwB6" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="assets/css/style.css">
  <link rel="icon" href="assets/images/icon.ico" type="image/icon" />
  <title>League Store</title>
</head>
<body>
  <nav class="navbar navbar-dark bg-dark navbar-expand-lg ">
    <div class="container">
      <a href="index.html"></a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
```

```

        <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">
            <li class="nav-item active">
                <a class="nav-link" href="index.html">Home</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href='figures.html'>Shop</a>
            </li>

            <li class="nav-item">
                <a class="nav-link" href="index.html#contact">Contact</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="cart.html"><i class="fa fa-
shopping-cart"></i></a>
            </li>
        </ul>

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

<section id='path' class='bg-light'>
    <div class="container">
        <div class="row">
            <div class="col-12 col-md-12 mb-0 pt-3">
                <a href="index.html">Home</a>
                <span class='mx-2 mb-0'></span>
                <p>Shop</p>
            </div>
        </div>
    </div>
</section>

<main id="produkti" class="site-section">
    <div class="container">
        <div class="row my-3">
            <div class="col-lg-3 col-md-4 mb-3">
                <div class="border p-3 rounded mb-3">
                    <h1 class="mb-4 ml-1 text-uppercase text-black d-
block">Categories</h1>
                    <ul class="list-unstyled mb-0 ml-2 mb-
2" id='categories'>

```

```

        </ul>
    </div>
    <div class="border p-3 rounded mb-3">
        <h1 class="mb-4 ml-1 text-uppercase text-black d-
block">Price</h1>
        <ul class="list-unstyled mb-0 ml-2 mb-
2" id='productPrices'>

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

    <div class="col-lg-9 col-md-8" id="produktiMenu">
        <div class="row bg-light">
            <div class="col-md-6 col-sm-6 mb-4 order-2">
                <div class="d-flex">
                    <div class="mr-1 ml-md-auto ml-sm-auto pt-
3">
                        <select id="ddSort" class="btn btn-dark btn-
outline-light bg-dark">
                            <option value="0">Sort By</option>
                            <option value="1" >Name, A-Z</option>
                            <option value="2">Price, low to high</opt
ion>
                            <option value="3">Price, high to low</opt
ion>

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

            <div class="col-md-6 mb-4 col-sm-6 order-1 pt-
3" id="gridListView">
                <button class='btn btn-outline-dark btn-sm text-
center ml-1 listViewActive' onclick="listView()">
                    <i class="fa fa-bars"></i>
                </button>

                <button class='btn btn-outline-dark btn-sm text-
center ml-1 gridViewActive active' onclick="gridView()">
                    <i class="fa fa-th-large"></i>
                </button>
            </div>
        </div>
    </div>

```

```

        </div>

        <div class="row my-3 " id="figures">

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

<footer id='footerBar' class="bg-dark">
    <div class="container">
        <div class="row justify-content-between">
            <div class="col-md-6 text-center">
                <h2>Links</h2>
                <h3><a href="docs.pdf">Docs</a></h3>
                <h3><a href="author.html">Author</a></h3>
                <h3><a href="sitemap.xml">Sitemap</a></h3>
            </div>
            <div class="col-md-6 text-center">
                <h2>Follow us on social media</h2>
                <a href="#nav"><i class="fab fa-facebook-square"></i></a>
                <a href="#"><i class="fab fa-twitter-square"></i></a>
                <a href="#contact"><i class="fab fa-instagram-square"></i></a>
            </div>
        </div>
        <div class="text-center bg-dark">
            <p class="text-light">Copyright &copy; Mladjan Gavrilovic 268/19</p>
        </div>
    </footer>

    <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-
CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script>
    <script src='assets/js/main.js' type="text/javascript"></script>
    <script src='assets/js/nav.js' type="text/javascript"></script>
</body>
</html>

```


Cart.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="league, store, figures, fan, project,shop" />
  <meta name="description" content="League of Legends figure store. This is a school project made by a fan of Riot Games." />
  <meta name="author" content="Mladjan Gavrilovic" />
  <script src="https://kit.fontawesome.com/510440c54e.js" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhvxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">
  <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj003uMBJnjuUD4Ih7YwaYd1liqfktj0Uod8GCExl30g8ifwB6" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="assets/css/style.css">
  <link rel="icon" href="assets/images/icon.ico" type="image/icon" />
  <title>League Store</title>
</head>
<body>
  <nav class="navbar navbar-dark bg-dark navbar-expand-lg">
    <div class="container">
      <a href="index.html"></a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
        <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">
            <li class="nav-item active">
                <a class="nav-link" href="#">Home</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href='figures.html'>Shop</a>
            </li>

            <li class="nav-item">
                <a class="nav-link" href="#contact">Contact</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="cart.html"><i class="fa fa-
shopping-cart"></i></a>
            </li>
        </ul>

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

<section id='path' class='bg-light'>
    <div class="container">
        <div class="row">
            <div class="col-12 col-md-12 pt-3">
                <a href="index.html">Home</a>
                <span class='mx-2 mb-0'></span>
                <p>Cart</p>
            </div>
        </div>
    </div>
</section>

<main class='container-fluid my-4 cartLayout'>
    <div class="container mb-4">
        <div class="row">
            <div class="col-12 emptyCart">

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

<footer id='footerBar' class="bg-dark">
    <div class="container">

```

```

    <div class="row justify-content-between">
    <div class="col-md-6 text-center">
        <h2>Links</h2>
        <h3><a href="docs.pdf">Docs</a></h3>
        <h3><a href="author.html">Author</a></h3>
        <h3><a href="sitemap.xml">Sitemap</a></h3>
    </div>
    <div class="col-md-6 text-center">
        <h2>Follow us on social media</h2>
        <a href="#nav"><i class="fab fa-facebook-square"></i></a>
        <a href="#"><i class="fab fa-twitter-square"></i></a>
        <a href="#contact"><i class="fab fa-instagram-square"></i></a>
    </div>
    </div>
    <div class="text-center bg-dark">
        <p class="text-light">Copyright &copy; Mladjan Gavrilovic 268/19</p>
    </div>
</footer>

    <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-
CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script>
    <script src='assets/js/cart.js' type="text/javascript"></script>
    <script src='assets/js/nav.js' type="text/javascript"></script>

</body>
</html>

```

Style.scss

```
@import url('https://fonts.googleapis.com/css?family=Montserrat&display=swap');
*{
  font-family: 'montserrat';
  margin: 0px;
  padding: 0px;
}

$primary: #343a40;
$white: #fff;

html{
  scroll-behavior: smooth;
}
.btn{
  font-weight: bold;
}
#logo{
  height: 80px;
  width: 100;
}
header{
  height: 85vh;
  background-image: url(../images/wallpaper.jpg);
  background-size: cover;
  background-position: center;
  background-repeat: no-repeat;
  nav{
    background-color: rgba($color: #000, $alpha: 0.1);
  }
}
#mainBlock {
  width: 100%;
  .heading-wrap{
    position: relative;
    :before{
      background-color: $primary;
      content: '';
      display: block;
      height: 1px;
      margin-top: -1px;
    }
  }
}
```

```

        position: absolute;
        top: 50%;
        left: 0;
        width: 100%;
        z-index: -1;
    }
    h1{
        padding: 0em 1em;
        font-size: 2em;
    }
}
.row{
    padding-top: 10px;

}
.card {
    .btn-dark{
        visibility: hidden;
        width: 100%;
    }
    .addto: hover{
        .btn-dark{
            visibility: visible;
            width: 100%;
        }
    }
}

}
}

#offer{
    i{
        font-size: 4em;
        text-align: center;
        padding: 0.3em 0em;
    }
}

#footerBar {

    #myBtn {

        position: fixed;
        bottom: 20px;
        right: 30px;
    }
}

```

```

    z-index: 99;
    border: 2px solid #111;
    outline: none;
    background-color: rgba($color: $white, $alpha: 0.0);
    color: #111;
    cursor: pointer;
    padding: 5px 15px;
    border-radius: 10px;
    font-size: 1.8em;
}

#myBtn:hover {
    background-color: rgba($color: $white, $alpha: 0.3);
}

margin-top: auto;
.container{
    padding: 20px 0px;
    border-bottom: 1px solid white;
    h2{
        font-size: 1.5em;
        color: $white;
        text-decoration: underline;
    }
    h3{
        font-size: 1.2em;
    }
    a{
        color: $white;
        i{
            font-size: 2.5em;
            margin: 2px 10px;
        }
    }
    a:hover{
        text-decoration: none;
        color: rgba(255,255,255,.75);
    }
}

p{
    margin-bottom: 0px;
    padding: 5px 0px;
}

```

```

}

#path {
  .container{
    p{
      font-size: 1em;
      display: inline-block;
    }
  }
}

#produkti {

  h1{
    font-size: 1.1em;
  }
  ul{
    a{
      color: $primary;
      font-size: 1em;
    }
  }
  #produktiMenu{
    #gridListView{
      i{
        font-size: 1em;
      }
    }
    .kartica{
      h2,h3,p{
        font-size: 1.2em;
      }
    }
    .karticaFigure{
      h2,h3,p{
        font-size: 1.2em;
      }
      .listViewButton{
        font-size: 1.5em;
      }
    }
  }
}
}

```

```

.cartLayout{
  min-height: 50vh;
  .tableDataEdit{
    img{
      height: 5em;
      width: 6em;
    }
    td{
      vertical-align: baseline;
      border-top: none;
      .form-control{
        width: 3em;
      }
    }
  }
}

#author{
  min-height: 60vh;
  .container{
    border: 2px solid $primary;
  }
}

.regfail{
  display: block;
  width: 100%;
  height: calc(1.5em + .75rem + 2px);
  padding: .375rem .75rem;
  font-size: 1rem;
  font-weight: 400;
  line-height: 1.5;
  color: #495057;
  background-color: #fff;
  background-clip: padding-box;
  border: 1px solid red;
  border-radius: .25rem;
  transition: border-color .15s ease-in-out, box-shadow .15s ease-in-out;
}

.regfail:focus{
  color: #495057;
  background-color: #fff;
  border-color: red;
  outline: 0;
}

```



```

        box-shadow: 0 0 0 0.2rem rgba(255,0,0,.25);
    }
    .form-control:focus{
        color: #495057;
        background-color: #fff;
        border-color: $primary;
        outline: 0;
        box-shadow: 0 0 0 0.2rem rgba(3,3,3,.25);
    }

```

Main.js

```

$(document).ready(function(){

    bestSaleProducts();
    showCategories();
    showPrices();
    showFigures();
    sortOption();

});

function ajaxCategories(callback){
    $.ajax({
        url: "assets/data/categories.json",
        type: 'json',
        method: "GET",
        success: callback
    })
}

function ajaxFigures(callback){
    $.ajax({
        url: 'assets/data/figures.json',
        type: 'json',
        method: 'GET',
        success: callback
    })
}

```

```

function ajaxPrices(callback){
    $.ajax({
        url: 'assets/data/prices.json',
        type: 'json',
        method: 'get',
        success: callback
    })
}

function showPrices(){
    ajaxPrices(
        function(prices){
            printPrices(prices);
        }
    )
}

function printPrices(prices){
    let html = '';
    for(let price of prices){
        html += onePrice(price);
    }
    $('#productPrices').html(html);
    $('.filterByPrice').click(filterPrices);
}

function filterPrices(e){
    e.preventDefault();

    let priceId = $(this).data('id');
    console.log(priceId)
    ajaxFigures(function(products){
        products = filterAllByPrice(products, priceId);
        printFigures(products)
    });
}

function filterAllByPrice(products, priceId){
    return products.filter(x => x.price.id == priceId);
}

function showFigures() {
    ajaxFigures(
        function(products){

```

```

        printFigures(products);
        addToCartFigures();
    }
}

function printFigures(products){
    let html = "";
    if(products.length > 0){
        for(let product of products){
            html += oneFigure(product);
        }
    } else {
        html += "<h3 class='block-4 text-center'>No products.</h3>";
    }
    $("#figures").html(html);
}

function listgridview(){
    ajaxFigures(function(products){
        let html = '';
        for(let product of products){
            html += listViewLayout(product);
        }
        $('#figures').html(html)
        addToCartFigures();
    })
}

function bestSaleProducts(){
    ajaxFigures(
        function(products){
            let html = '';
            for(let product of products){
                if(product.sales==true)
                    html += oneFigure(product);
            }
            $('.best-sales').html(html)
        }
    )
}

function addToCartFigures(){
    $('.cartupdate').click(addToCart);
}

```

```

function productsInCart() {
    return JSON.parse(localStorage.getItem("products"));
}

function addToCart() {
    let id = $(this).data("id");

    var products = productsInCart();

    if(products) {
        if(productIsAlreadyInCart()) {
            updateQuantity();
        } else {
            addToLocalStorage()
        }
    } else {
        addFirstItemToLocalStorage();
    }

    function productIsAlreadyInCart() {
        return products.filter(p => p.id == id).length;
    }

    function addToLocalStorage() {
        let products = productsInCart();
        products.push({
            id : id,
            quantity : 1
        });
        localStorage.setItem("products", JSON.stringify(products));
    }

    function updateQuantity() {
        let products = productsInCart();
        for(let i in products)
        {
            if(products[i].id == id) {
                products[i].quantity++;
                break;
            }
        }

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

```

```

function addFirstItemToLocalStorage() {
    let products = [];
    products[0] = {
        id : id,
        quantity : 1
    };
    localStorage.setItem("products", JSON.stringify(products));
}

function clearCart() {
    localStorage.removeItem("products");
}

function showCategories(){
    ajaxCategories(function(categories){
        printCategories(categories);
    })
}

function printCategories(categories){
    let html = "";
    for(let category of categories){
        html += oneCategory(category);
    }
    $("#categories").html(html);
    $('.filterByCategory').click(filterCategories);
}

function filterCategories(e){
    e.preventDefault();

    let categoryId = $(this).data('id');
    ajaxFigures(function(products){
        products = filterByCategory(products, categoryId);
        printFigures(products)
    });
}

function filterByCategory(products, categoryId){
    return products.filter(x => x.category.id == categoryId);
}

```

```

function oneFigure(product){
    return `
    <div class="col-sm-6 col-md-6 col-lg-4 mb-4 aos-init aos-
animate changeView" data-aos="fade-up">
    <div class="block-4 text-center karticaFigure border">
    <figure class="block-4-image m-0">
    
    </figure>
    <div class="block-4-text ">

    <h2 class="text-uppercase mb-1 font-weight-bold">${product.brand}</h2>
    <h3 class='mb-1'>${product.model}</h3>

    <p class="stock d-
inline">${printStock(product.stock)}</p><span class="mx-2">-
</span><p class="delivery d-inline">${printDelivery(product.delivery)}</p>
    <p class='mb-1'><span class="text-danger font-weight-
bold">${product.price.text}${product.value}</span></p>
    <button type='button' data-toggle="modal" data-
target="#triggerMsg" class='btn btn-outline-dark btn-sm text-center m-1 px-
2 font-weight-
bold cartupdate' ${disableButton(product.stock)} value='Add to Cart' data-
id='${product.id}'>Add to Cart</button>
    <div class="modal fade" id="triggerMsg" tabindex="-1" role="dialog" aria-
labelledby="addtocartlabel" aria-hidden="true">
    <div class="modal-dialog" role="document">
    <div class="modal-content">
    <div class="modal-header">
    <h5 class="modal-title" id="addtocartlabel">Message</h5>
    <button type="button" class="close" data-
dismiss="modal" aria-label="Close">
    <span aria-hidden="true">&times;</span></button>
    </div>
    <div class="modal-body">
    Product successfully added to cart!
    </div>
    <div class="modal-footer">
    <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
    </div>
    </div>
    </div>
    </div>

```

```

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

function listViewLayout(product){
    return `
        <div class="col-12 mb-4 aos-init aos-animate changeView" data-aos="fade-
up">
            <div class="row text-center d-flex align-items-
center karticaFigure border">
                <figure class="col-3 m-0">
                    
                </figure>

                <div class="col-3">
                    <h2 class="text-uppercase mb-1 font-weight-
bold">${product.brand}</h2>
                    <h3 class='mb-1'>${product.model}</h3>
                </div>

                <div class="col-3">
                    <p class="stock d-
inline">${printStock(product.stock)}</p><span class="mx-2">-
</span><p class="delivery d-inline">${printDelivery(product.delivery)}</p>
                    <p class='mb-1'><span class="text-danger font-weight-
bold">${product.price.text}${product.value}</span></p>
                </div>
                <div class="col-3">
                    <button type='button' data-toggle="modal" data-
target="#triggerMsgg" class='btn btn-outline-dark btn-sm text-center m-1 px-
2 font-weight-
bold cartupdate listViewButton' ${disableButton(product.stock)} value='Add to Car
t' data-id='${product.id}'>+</button>
                    <div class="modal fade" id="triggerMsgg" tabindex="-
1" role="dialog" aria-labelledby="addtocartlabel" aria-hidden="true">
                        <div class="modal-dialog" role="document">
                            <div class="modal-content">
                                <div class="modal-header">
                                    <h5 class="modal-
title" id="addtocartlabel">Message</h5>

```



```

        return "Delivery";
    }

function printStock(stock){
    if(!stock)
        return "<del>Stock</del>";
    return "Stock";
}

function disableButton(stock){
    if(!stock)
        return "disabled"
}

function listView() {
    listgridview();
    $('.listViewActive').addClass('active');
    $('.gridViewActive').removeClass('active');
}

function gridView(){
    showFigures();
    $('.listViewActive').removeClass('active');
    $('.gridViewActive').addClass('active');
}

function checkData(){
    var nameReg = /^[A-ZŠŽĐĆČ]{1}[a-zšžđćč]{2,}$/ ,
        emailReg = /^\\w+([\\.-]?\\w+)*@\\w+([\\.-]?\\w+)*(\\.\\w{2,3})+$/ ,
        textReg = /[A-zŠšŽžĐđĆćČč\\s,0-9\\.\\?\\|\\|\\;\\(\\)\\n\\!]{0,300}/;

    var ime = document.getElementById('ime').value;
    var imeStyle = document.getElementById('ime');
    if(!nameReg.test(ime) && ime.length>0){
        imeStyle.classList.remove('form-control');
        imeStyle.classList.add('regfail');
    }
    else {
        imeStyle.classList.remove('regfail');
        imeStyle.classList.add('form-control');
    }

    var prezime = document.getElementById("prezime").value;
    var prezimeStyle = document.getElementById("prezime");

```

```

    if(!nameReg.test(prezime) && prezime.length>0){
        prezimeStyle.classList.remove('form-control');
        prezimeStyle.classList.add('regfail');
    }
    else {
        prezimeStyle.classList.remove('regfail');
        prezimeStyle.classList.add('form-control');
    }

    var email = document.getElementById("email").value;
    var emailStyle = document.getElementById("email");
    if(!emailReg.test(email) && email.length>0){
        emailStyle.classList.remove('form-control');
        emailStyle.classList.add('regfail');
    }
    else {
        emailStyle.classList.remove('regfail');
        emailStyle.classList.add('form-control');
    }

    var textTrea = document.getElementById("indexTrea").value;
    var textTreaStyle = document.getElementById("indexTrea");
    if(!textReg.test(textTrea) && textTrea.length>0){
        textTreaStyle.classList.remove('form-control');
        textTreaStyle.classList.add('regfail');
    }
    else {
        textTreaStyle.classList.remove('regfail');
        textTreaStyle.classList.add('form-control');
    }
}

function sortOption(){
    if($('#ddSort')!=null){
        $('#ddSort').on('click', function(){
            Number(this.value) ? sortPrice(this.value) : printFigures();
        })
    }
}

function sortPrice(id){
    console.log(id)
    ajaxFigures(function(data){
        if(id==1){
            data.sort(function(a,b){
                if(a.model == b.model)

```

```

        return 0;
        return a.model > b.model ? 1 : -1;
    });
} else if(id==2){
    data.sort(function(a,b){
        if(a.price.text == b.price.text)
            return 0;
        return a.price.text > b.price.text ? 1 : -1;
    });
} else if (id==3){
    data.sort(function(a,b){
        if(a.price.text==b.price.text)
            return 0;
        return a.price.text > b.price.text ? -1 : 1;
    })

}
printFigures(data);
})
}
}

```

Nav.js

```

$(document).ready(function(){

    showNav();
});

function showNav(){
    $.ajax({
        url: 'assets/data/nav.json',
        type: 'json',
        method: 'get',
        success: function(items){
            printNavItems(items);
        }
    })
}

```

```

function printNavItems(items){
    let html = '';
    for(let item of items){
        html += oneLink(item)
    }
    $('#nav').html(html);
}

function oneLink(item){
    let location = window.location.pathname.split('/')[window.location.pathname.split('/').length-1];
    console.log(location)
    if(location==item.link || location == ''){
        return `- 

```

Cart.js

```

$(document).ready(function () {
    let products = productsInCart();

    if(products==null)
        showEmptyCart();
    else
        displayCartData();
});

function displayCartData() {
    let products = productsInCart();

```

```

$.ajax({
  url : "assets/data/figures.json",
  success : function(data) {

    data = data.filter(p => {
      for(let prod of products)
      {
        if(p.id == prod.id) {
          p.quantity = prod.quantity;
          return true;
        }
      }
      return false;
    });
    if(!products.length){
      showEmptyCart();
    }else {
      generateTable(data);
      sumTotal(data);
    }

  }
});
}

function generateTable(products){
  let html = `
    <div class="table-responsive">
      <table class="table table-striped">
        <thead>
          <tr>
            <th scope="col"> </th>
            <th scope="col">Product</th>
            <th scope="col"></th>
            <th scope="col" class="text-center">Quantity</th>
            <th scope="col" class="text-right">Price</th>
            <th> </th>
          </tr>
        </thead>
        <tbody>`;

```

```

        for(let pro of products) {
            html += generateTr(pro);
        }

        html += `
            <tr>
                <td><a href="figures.html" class="btn btn-outline-
dark"><i class="fa fa-angle-left"></i> Continue Shopping</a></td>
                <td colspan="3"></td>
                <td class="text-center d-flex align-items-center p-3 m-
0"><strong id='total'></strong></td>
                <td><button type='button' class="btn btn-outline-dark btn-
block" onclick='checkoutPop()'>Checkout <i class="fa fa-angle-
right"></i></button></td>
            </tr>
        </tbody>
        </table>
    </div>`

    $('.emptyCart').html(html);
    function generateTr(pro){
        return `<tr class='tableDataEdit'>
            <td> </td>

            <td>${pro.model}</td>
            <td></td>
            <td class='d-flex justify-content-
center'>${pro.quantity}</td>
            <td class="text-right">${pro.price.text}${pro.value}</td>
            <td class="text-right"><button class="btn btn-sm btn-
danger" onclick='removeFromCart(${pro.id})'><i class="fa fa-
trash"></i> </button> </td>
        </tr>`
    }

    }

    function sumTotal(pro){
        let pr = 0;
        pro.forEach(p => {
            pr += p.price.text*p.quantity;
        });
        $('#total').html('Total: ' + pr + '$')
    }

```

```

function showEmptyCart() {
    $(".emptyCart").html("<h2 class='text-center'> Your cart is empty! <h2>");
}

function productsInCart() {
    return JSON.parse(localStorage.getItem("products"));
}

function removeFromCart(id) {
    let products = productsInCart();
    let filtered = products.filter(p => p.id != id);

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

    displayCartData();
}

function chekoutPop(){

    let html = `<form>
    <div class="row py-3">
        <div class="col">
            <input type="text" class="form-
control" id='checkoutName' placeholder="First name*" onkeyup="checkoutDataCheck()
">
        </div>
        <div class="col">
            <input type="text" class="form-
control" id='checkoutLastName' placeholder="Last name*" onkeyup="checkoutDataChec
k()">
        </div>
    </div>
    <div class="row py-3">
        <div class="col">
            <input type="email" class="form-
control" id='checkoutEmail' placeholder="E-mail*" onkeyup="checkoutDataCheck()">
        </div>
        <div class="col">
            <input type="tel" class="form-control" placeholder="Phone Number">
        </div>
    </div>
    `;
}

```

```

<div class="row py-3">
  <div class="col">
    <input type="text" class="form-
control" id='checkoutCity' placeholder="City*" onkeyup="checkoutDataCheck()">
  </div>
  <div class='col'>
    <input type="text" class="form-
control" id='checkoutZip' placeholder="ZIP*" onkeyup="checkoutDataCheck()">
  </div>
</div>
<div class="form-group">
  <label for="checkoutNote">Notes:</label>
  <textarea name='checkoutNote' class="form-
control" id="checkoutNote" rows="3" onkeyup="checkoutDataCheck()"></textarea>
</div>
<div class="row py-3">
  <div class='col-4' d-flex justify-content-start'>
    <a href='cart.html'>
      <button type="button" class="btn btn-outline-
dark" id='backToCart'><i class="fa fa-angle-left pr-1"></i>Back</button>
    </a>
  </div>
  <div class="col-8 d-flex justify-content-end">
    <button type="reset" class="btn btn-outline-dark mr-2">Reset</button>
    <button type="button" class="btn btn-outline-dark ml-2">Submit</button>
  </div>
</div>
</form>`;

$('.emptyCart').html(html);
}

```

```

function checkoutDataCheck(){
  var nameReg = /^[A-ZŠŽĐĆČ]{1}[a-zšžđćč]{2,}$/ ,
  emailReg = /^[w+([\.-]?w+)*@w+([\.-]?w+)*(\.w{2,3})+$/ ,
  zipReg = /^[d{5}$|^d{5}-d{4}$/,
  textReg = /[A-zŠšŽžĐđĆćČč\s,0-9\.\?\\\/;\(\)\n\!]{0,300}/;

  var name = document.getElementById('checkoutName').value;
  var nameStyle = document.getElementById('checkoutName');
  if(!nameReg.test(name) && name.length>0){
    nameStyle.classList.remove('form-control');
    nameStyle.classList.add('regfail');
  }
}

```



```

else {
    nameStyle.classList.remove('regfail');
    nameStyle.classList.add('form-control');
}

var lastName = document.getElementById('checkoutLastName').value;
var lastNameStyle = document.getElementById('checkoutLastName');
if(!nameReg.test(lastName) && lastName.length>0){
    lastNameStyle.classList.remove('form-control');
    lastNameStyle.classList.add('regfail');
}
else {
    lastNameStyle.classList.remove('regfail');
    lastNameStyle.classList.add('form-control');
}

var email = document.getElementById('checkoutEmail').value;
var emailStyle = document.getElementById('checkoutEmail');
if(!emailReg.test(email) && email.length>0){
    emailStyle.classList.remove('form-control');
    emailStyle.classList.add('regfail');
}
else {
    emailStyle.classList.remove('regfail');
    emailStyle.classList.add('form-control');
}

var city = document.getElementById('checkoutCity').value;
var cityStyle = document.getElementById('checkoutCity');
if(!nameReg.test(city) && city.length>0){
    cityStyle.classList.remove('form-control');
    cityStyle.classList.add('regfail');
}
else {
    cityStyle.classList.remove('regfail');
    cityStyle.classList.add('form-control');
}

var zip = document.getElementById('checkoutZip').value;
var zipStyle = document.getElementById('checkoutZip');
if(!zipReg.test(zip) && zip.length>0){
    zipStyle.classList.remove('form-control');
    zipStyle.classList.add('regfail');
}
else {

```

```

        zipStyle.classList.remove('regfail');
        zipStyle.classList.add('form-control');
    }

    var note = document.getElementById('checkoutNote').value;
    var noteStyle = document.getElementById('checkoutNote');
    if(!textReg.test(note) && note.length>0){
        noteStyle.classList.remove('form-control');
        noteStyle.classList.add('regfail');
    }
    else {
        noteStyle.classList.remove('regfail');
        noteStyle.classList.add('form-control');
    }
}

```

Figures.json

```

[
  {
    "id": 1,
    "brand": "Riot",
    "model": "DJ Sona",
    "img": {
      "src": "assets/images/figures/sona.jpg",
      "alt": "DJ Sona Figure"
    },
    "category": {
      "id": 2,
      "title": "Female"
    },
    "price": {
      "id": 2,
      "text": 50
    },
    "value": "$",
    "stock": true,
    "delivery": true,
  }
]

```

```

    "sales": false
  },
  {
    "id": 2,
    "brand": "Riot",
    "model": "Dunkmaster Darius",
    "img": {
      "src": "assets/images/figures/darius.jpg",
      "alt": "Dunkmaster Darius Figure"
    },
    "category": {
      "id": 1,
      "title": "Male"
    },
    "price": {
      "id": 3,
      "text": 60
    },
    "value": "$",
    "stock": true,
    "delivery": true,
    "sales": true
  },
  {
    "id": 3,
    "brand": "Riot",
    "model": "Fizz Classic",
    "img": {
      "src": "assets/images/figures/fizz.jpg",
      "alt": "Fizz Classic Figure"
    },
    "category": {
      "id": 1,
      "title": "Male"
    },
    "price": {
      "id": 1,
      "text": 40
    },
    "value": "$",
    "stock": false,
    "delivery": false,
    "sales": false
  },
  {

```

```

    "id": 4,
    "brand": "Riot",
    "model": "Odyssey Jinx",
    "img": {
      "src": "assets/images/figures/jinx.jpg",
      "alt": "Odyssey Jinx Figure"
    },
    "category": {
      "id": 2,
      "title": "Female"
    },
    "price": {
      "id": 2,
      "text": 50
    },
    "value": "$",
    "stock": true,
    "delivery": true,
    "sales": false
  },
  {
    "id": 5,
    "brand": "Riot",
    "model": "Pizza Delivery Sivr",
    "img": {
      "src": "assets/images/figures/sivr.jpg",
      "alt": "Pizza Delivery Sivr Figure"
    },
    "category": {
      "id": 2,
      "title": "Female"
    },
    "price": {
      "id": 3,
      "text": 60
    },
    "value": "$",
    "stock": true,
    "delivery": true,
    "sales": true
  },
  {
    "id": 6,
    "brand": "Riot",
    "model": "Senna & Lucian",

```

```

    "img": {
      "src": "assets/images/figures/sennalucian.jpg",
      "alt": "Senna & Lucian Figure"
    },
    "category": {
      "id": 2,
      "title": "Female"
    },
    "price": {
      "id": 4,
      "text": 80
    },
    "value": "$",
    "stock": false,
    "delivery": false,
    "sales": false
  },
  {
    "id": 7,
    "brand": "Riot",
    "model": "Teemo Classic",
    "img": {
      "src": "assets/images/figures/teemo.jpg",
      "alt": "Teemo Classic Figure"
    },
    "category": {
      "id": 1,
      "title": "Male"
    },
    "price": {
      "id": 1,
      "text": 40
    },
    "value": "$",
    "stock": false,
    "delivery": false,
    "sales": false
  },
  {
    "id": 8,
    "brand": "Riot",
    "model": "Twisted Fate Classic",
    "img": {
      "src": "assets/images/figures/tf.jpg",
      "alt": "Twisted Fate Classic Figure"
    }
  }

```

```

    },
    "category": {
      "id": 1,
      "title": "Male"
    },
    "price": {
      "id": 2,
      "text": 50
    },
    "value": "$",
    "stock": true,
    "delivery": true,
    "sales": false
  },
  {
    "id": 9,
    "brand": "Riot",
    "model": "Vayne Classic",
    "img": {
      "src": "assets/images/figures/vayne.jpg",
      "alt": "Vayne Classic Figure"
    },
    "category": {
      "id": 2,
      "title": "Female"
    },
    "price": {
      "id": 1,
      "text": 40
    },
    "value": "$",
    "stock": true,
    "delivery": true,
    "sales": false
  },
  {
    "id": 10,
    "brand": "Riot",
    "model": "Radiant Wukong",
    "img": {
      "src": "assets/images/figures/wukong.jpg",
      "alt": "Radiant Wukong Figure"
    },
    "category": {
      "id": 1,

```

```

        "title": "Male"
    },
    "price": {
        "id": 2,
        "text": 50
    },
    "value": "$",
    "stock": true,
    "delivery": true,
    "sales": true
},
{
    "id": 11,
    "brand": "Riot",
    "model": "Yasuo Classic",
    "img": {
        "src": "assets/images/figures/yasuo.jpg",
        "alt": "Yasuo Classic Figure"
    },
    "category": {
        "id": 1,
        "title": "Male"
    },
    "price": {
        "id": 1,
        "text": 40
    },
    "value": "$",
    "stock": true,
    "delivery": true,
    "sales": false
},
{
    "id": 12,
    "brand": "Riot",
    "model": "Star Guardian Zoe",
    "img": {
        "src": "assets/images/figures/zoe.jpg",
        "alt": "Star Guardian Zoe Figure"
    },
    "category": {
        "id": 2,
        "title": "Female"
    },
    "price": {

```

```

        "id": 2,
        "text": 50
    },
    "value": "$",
    "stock": false,
    "delivery": false,
    "sales": false
}
]

```

Nav.json

```

[
  {
    "id": 1,
    "text": "Home",
    "link": "index.html",
    "active": false
  },
  {
    "id": 2,
    "text": "Contact",
    "link": "index.html#contact",
    "active": false
  },
  {
    "id": 3,
    "text": "Shop",
    "link": "figures.html",
    "active": false
  },
  {
    "id": 4,
    "text": "<i class='fa fa-shopping-cart'></i>",
    "link": "cart.html",
    "active": false
  }
]

```


Prices.json

```
[
  {
    "id": 1,
    "text": 40,
    "value": "$",
    "numOfProducts": 4
  },
  {
    "id": 2,
    "text": 50,
    "value": "$",
    "numOfProducts": 5
  },
  {
    "id": 3,
    "text": 60,
    "value": "$",
    "numOfProducts": 2
  },
  {
    "id": 4,
    "text": 80,
    "value": "$",
    "numOfProducts": 1
  }
]
```

Categories.json

```
[
  {
    "id": 1,
    "title": "Male",
    "numOfProducts": 6
  }
]
```

```
},  
{  
  "id": 2,  
  "title": "Female",  
  "numOfProducts": 6  
}  
]
```