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Akademija tehničko-umjetničkih strukovnih studija,
Beograd

Plant Planet

<https://miljana20.github.io/PlantPlanet/>

Smjer: Internet tehnologije
Modul: Web programiranje
Predmet: Web Programiranje 2

Miljana Nerić 20/20

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Uvod

Korišćeni programski jezici i tehnologije

Za potrebe sajta korišćene su sljedeće tehnologije:

- HTML
- CSS + SCSS
- Bootstrap(samo SCC) + Font Awsome
- JavaScript + JSON + jQuery
- XML(sitemap)
- Visual Studio Code
- Photoshop

Opis funkcionalnosti

Funkcionalnosti sajta se mogu svrstati u sljedeće kategorije:

1. Upotreba AJAX-a za svako pozivanje JSON fajlova, ali i redukovanje broja poziva putem AJAX-a pomoću Local Storage-a.
2. Dinamičko učitavanje :
 - 2.1. Header-a sa linkovima navigacije na svakoj stranici, te footera sa linkovima ka sporednim dokumentima sajta. Pri čemu spodaci iz navigacije i linkova čitaju iz JSON fajlova.
 - 2.2. Slajdera sa slikama koji se učitavaju iz JSON fajla na početnoj stranici sajta.
 - 2.3. Ispis top 3 proizvoda sa najvećim trenutnim popustom na početnoj stranici sajta.
 - 2.4. Dinamička prodavnica, gdje su proizvodi kao i liste kategorija, te select elementi ispisani dinamički i JSON fajlova, a dostupno je sinhronizovano sortiranje, filtriranje i pretraga proizvoda.
3. Modul sa dodatnim informacijama o proizvodu, preko kog je omogućeno dodavanje proizvoda na listu želja i korisničku korpu.
4. Sidebar za listu želja i korisničku korpu, preko koje je dostupno uklanjanje proizvoda, sa date liste, te pristu formi za poručivanje i i simulacija slanja porudžbine.

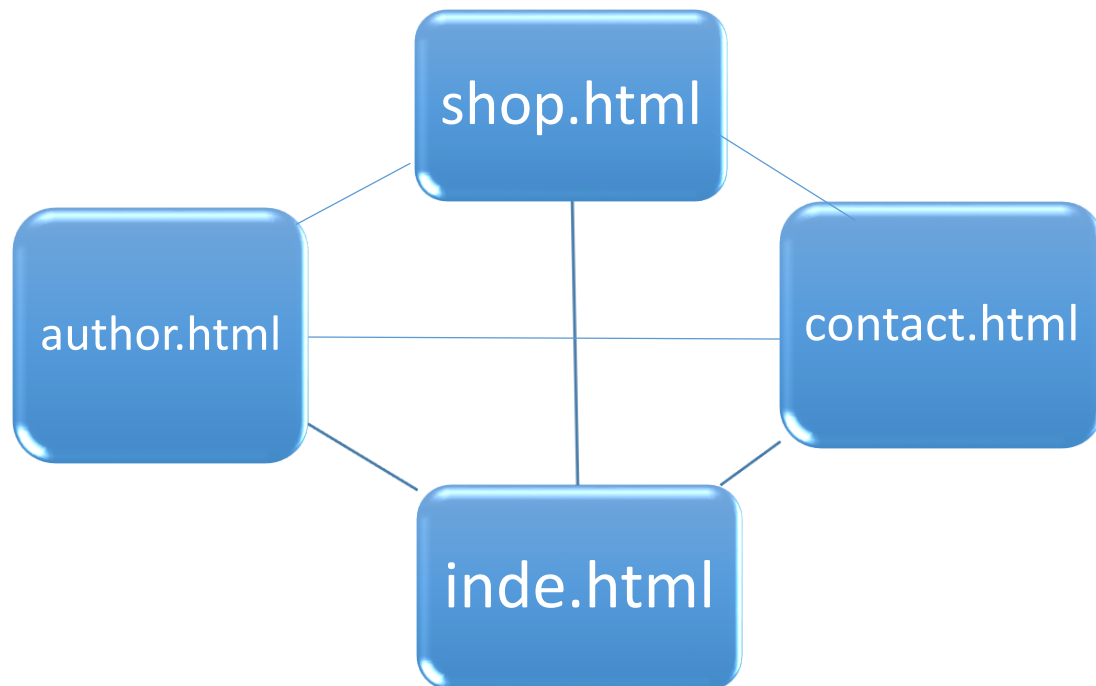
Template

Za izradu sajta nije korišćeno gotovo rješenje, sve funkcionalnosti i kodovi su pisani „od 0“.

Organizacija

Organizaciona šema

Sve stranice su međusobno dostupne jedna drugoj uključujući i sidebar.



SEO

Mpa sajta: sitemap.xml

```
<urlset xmlns="http://www.sitemaps.org/schemap/0.9">
<url>
<loc>https://miljana20.github.io/PlantPlanet/index.html</loc>
<lastmod>2022-03-03</lastmod>
<changefreq>daily</changefreq>
<priority>1</priority>
</url>
<url>
<loc>https://miljana20.github.io/PlantPlanet/assets/shop.html</loc>
<lastmod>2022-03-03</lastmod>
<changefreq>daily</changefreq>
<priority>1</priority>
</url>
<url>
<loc>https://miljana20.github.io/PlantPlanet/assets/contact.html</loc>
<lastmod>2022-03-03</lastmod>
<changefreq>yearly</changefreq>
<priority>0.5</priority>
</url>
<url>
<loc>https://miljana20.github.io/PlantPlanet/assets/author.html</loc>
<lastmod>2022-03-03</lastmod>
<changefreq>yearly</changefreq>
```

```
<priority>0.5</priority>  
</url>  
</urlset>
```

Datum posljednje modifikacije je one vrijednosti koja je bila validna i odgovarajuća u trenutku pravljenja dokumentacije i neće nužno biti identična pri pregledu dokumenta. (Zbog SEO optimizacije)

[Novosti i instrukcije za spider-a u robots.txt dokumentu](#)

User-agent: *

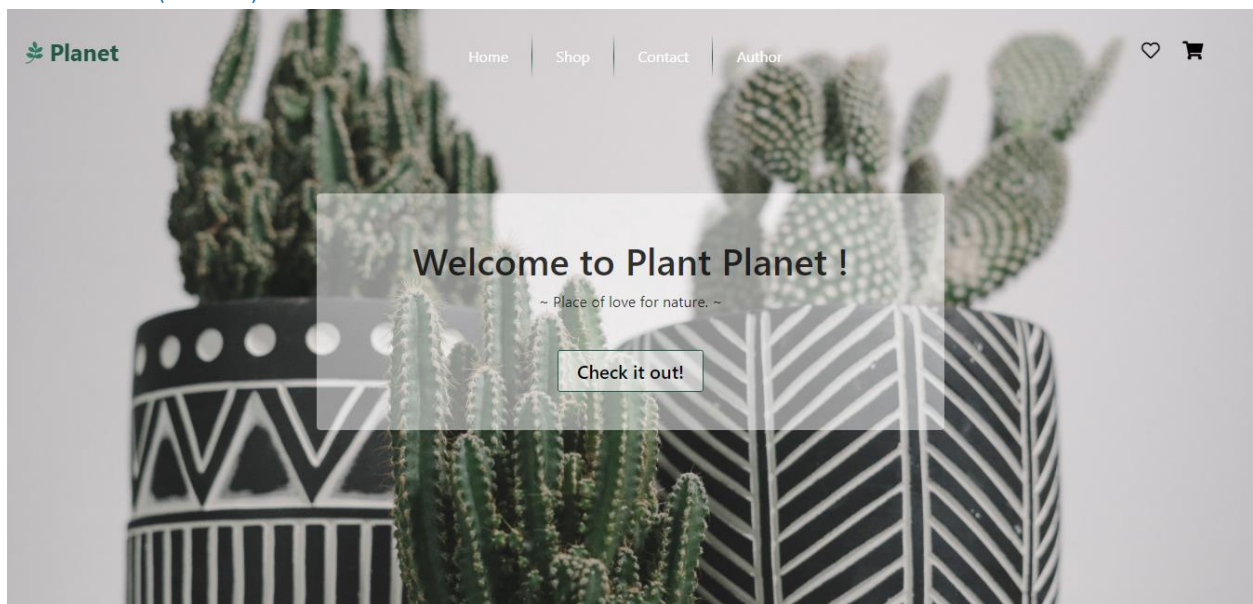
Disallow: /Admin/

Disallow: /Private/

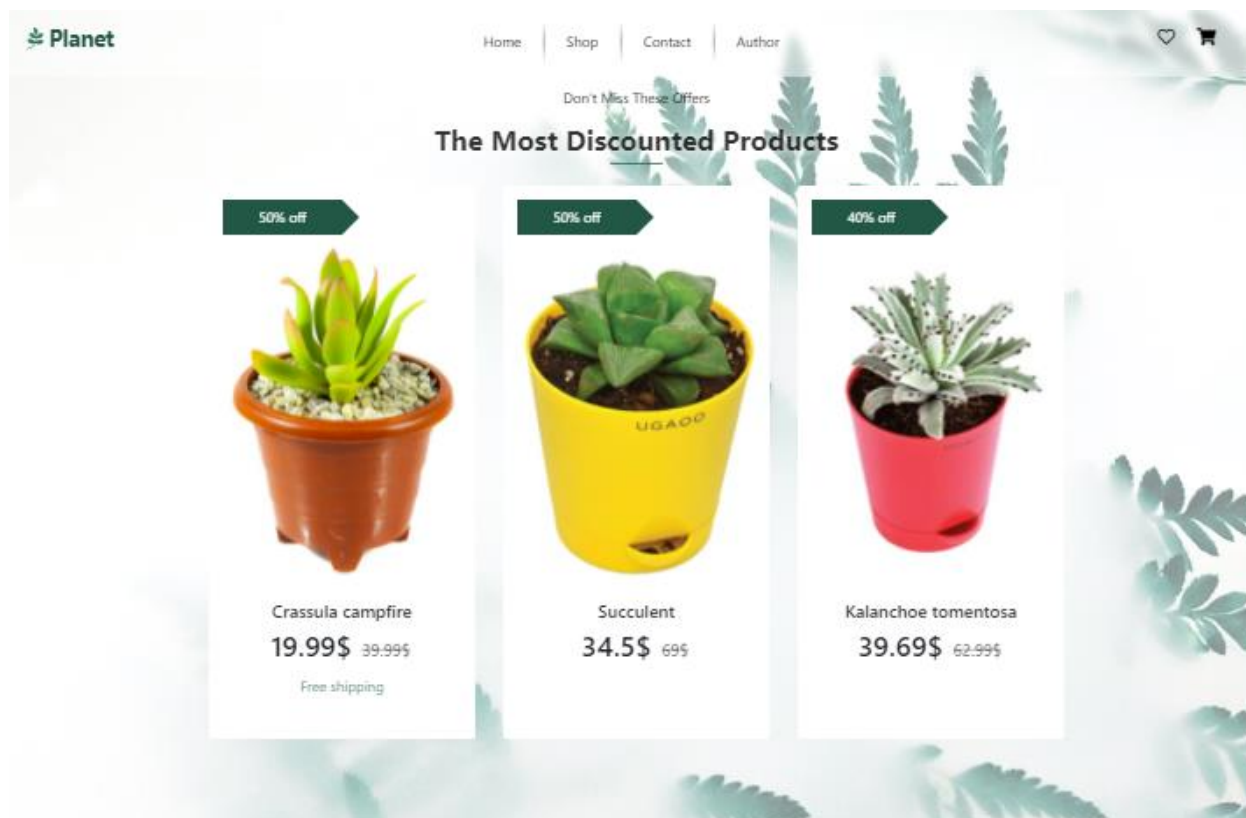
Sitemap: <https://miljana20.github.io/PlantPlanet/sitemap.xml>

[Slike dijelova stranica sa opisima funkcionalnosti](#)

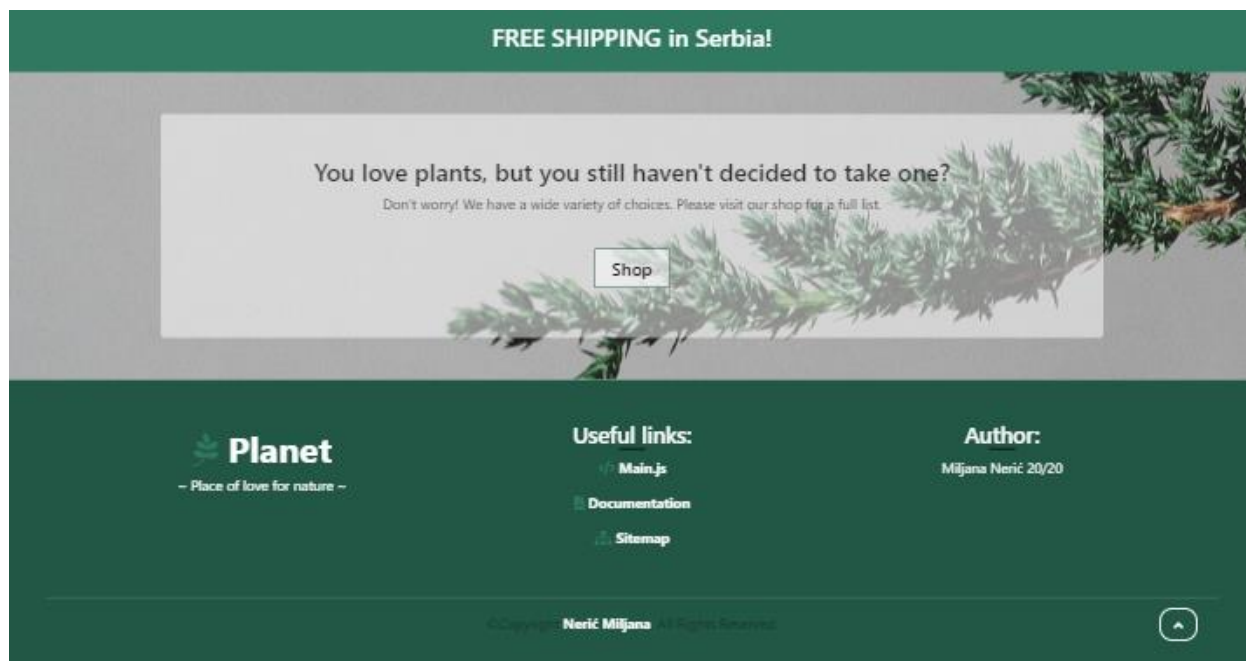
[Index.html\(Home\)](#)



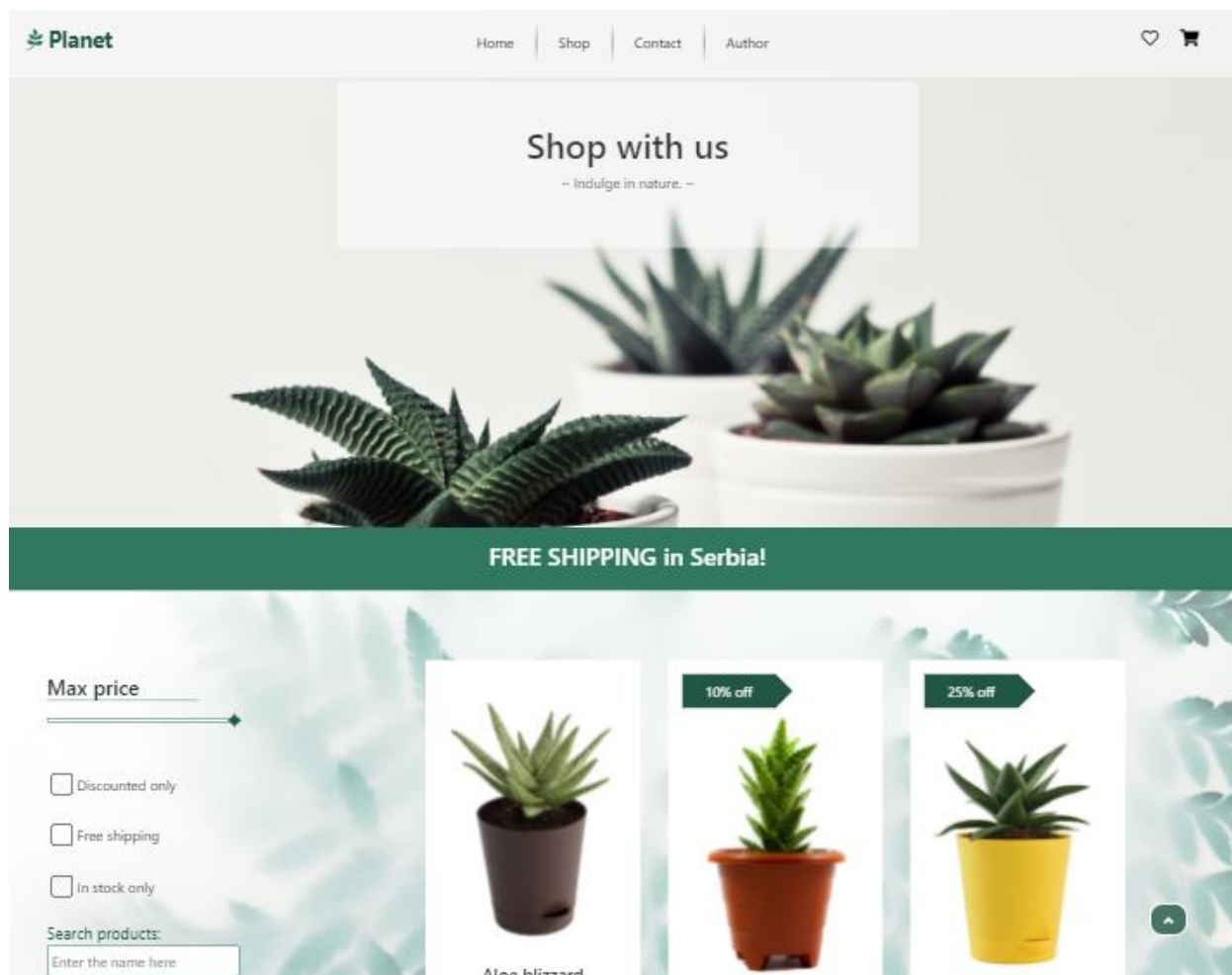
Zaglavlje stranice sa automatskim slajderom slika koje se učitavaju direktno iz JSON fajla uz pomoć AJAX-a.



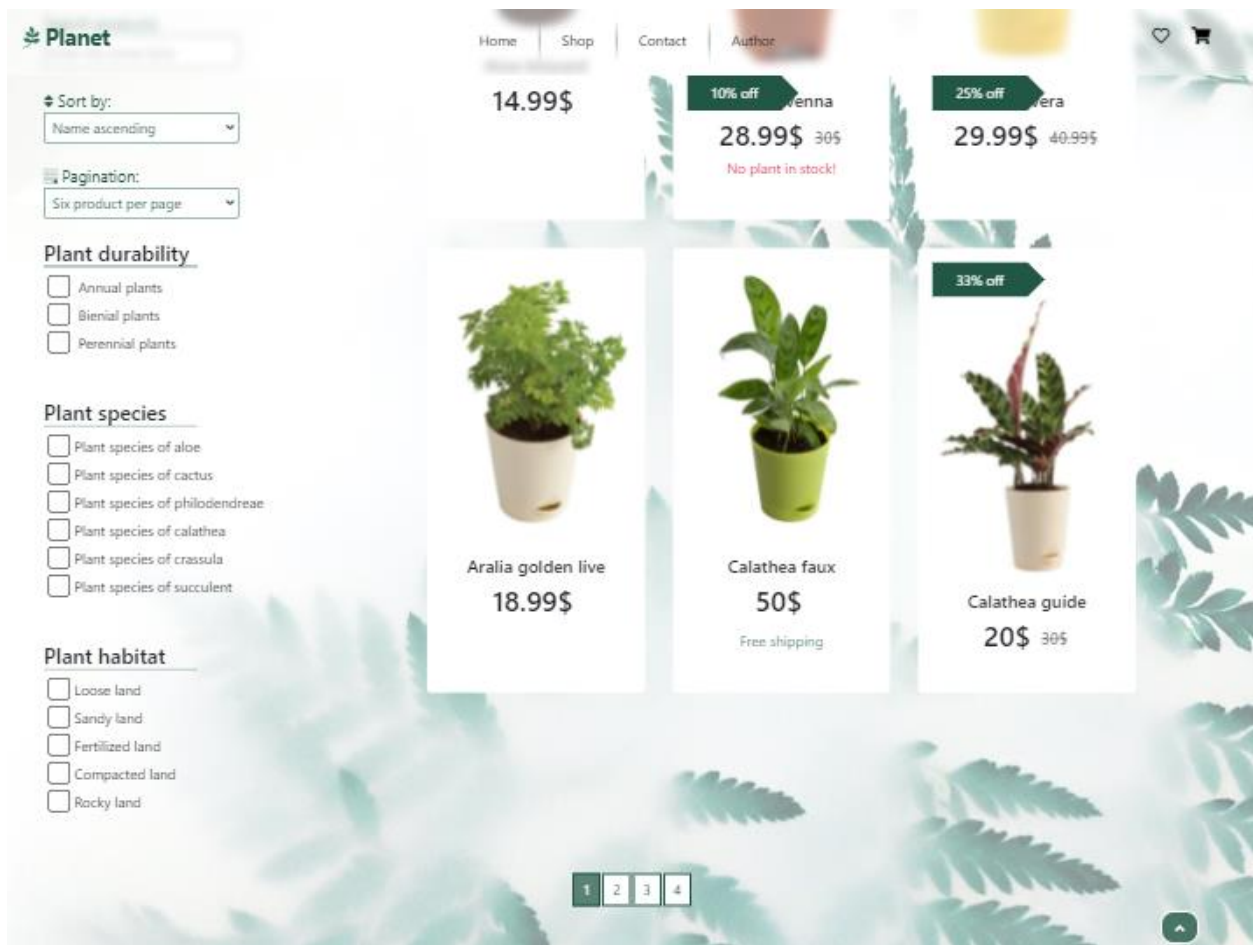
Ispisivanje top 3 proizvoda sa najvećim popustom od svih dostupnih.



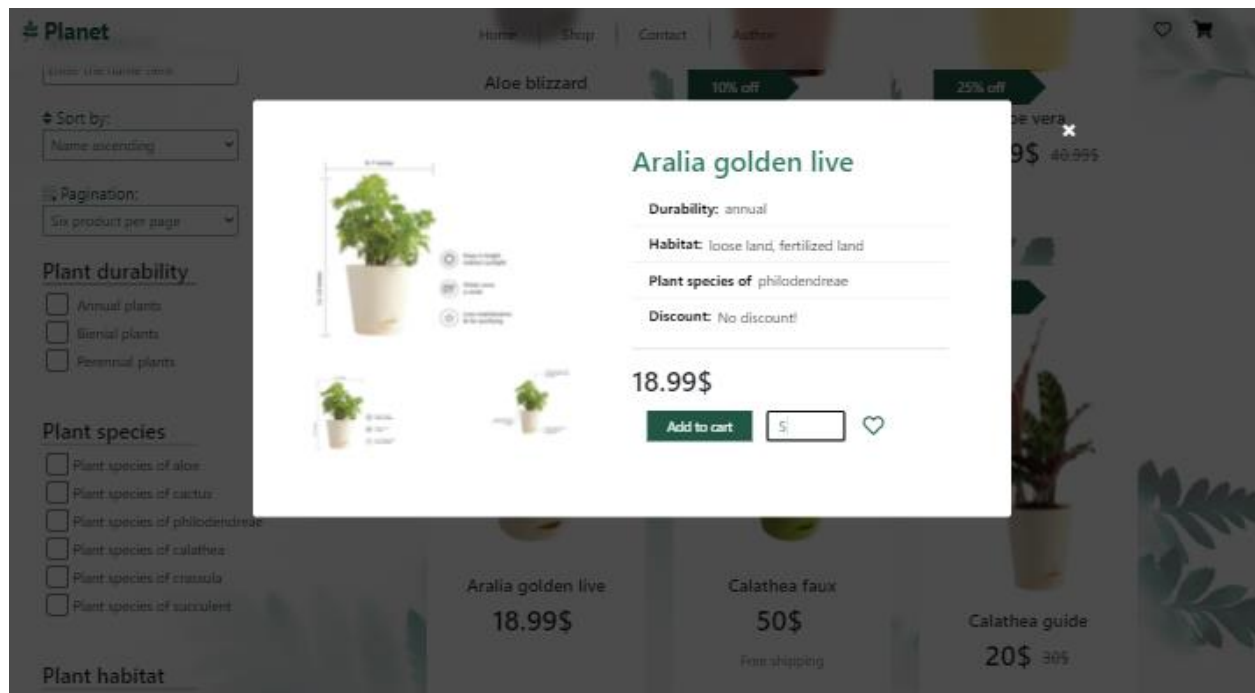
Ispis obavještenja o dostavi, te dinamički footer.

[Shop.html\(Shop\)](#)

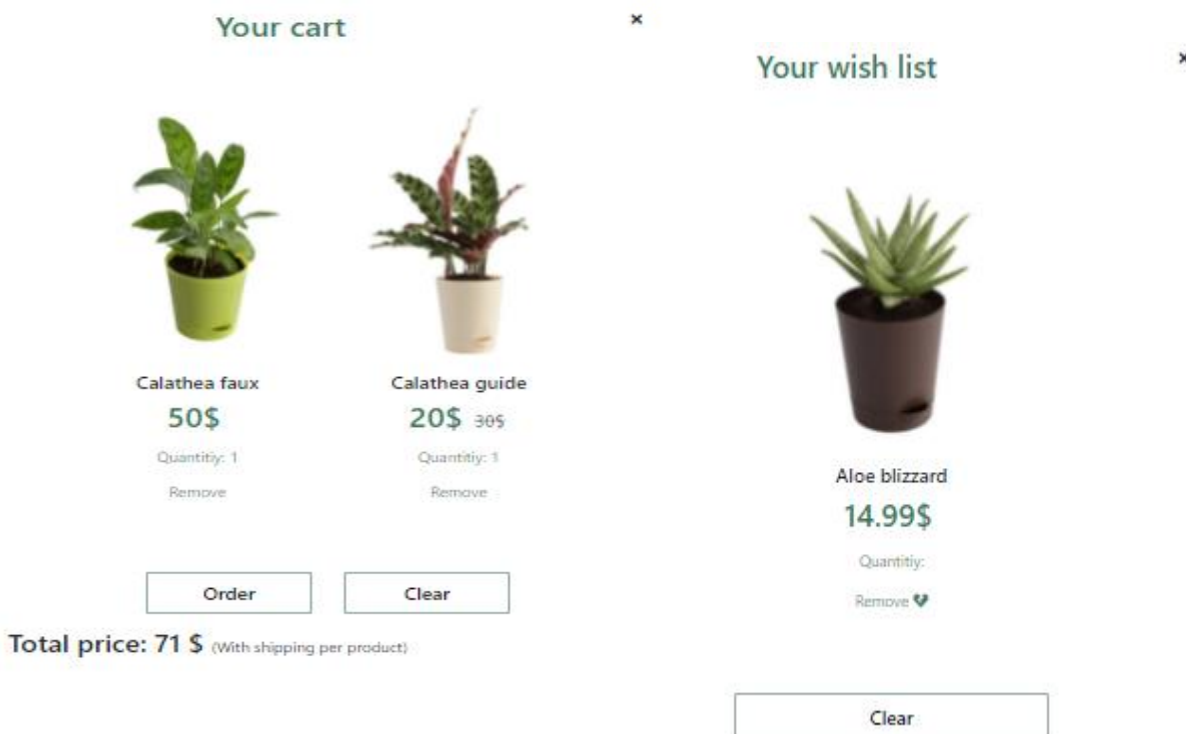
Dinamički ispisano obavještenje o dostavi. Sidebar da lijeve strane sa kategorijama ya sortiranje, filtriranje i pretraživanje.



Ostatak pregleda kategorija. Na promjenu sadržaja elemenata formi, nad ukupnim proiyyvodima se vrše zadate operacije, te se isti prikazuju u novonastaloj formi. Posredstvom paginacije koja se opet može modifikovati u skladu sa željama korisnika, postiže se poboljšana preglednost .



Modal sa dodatnim informacijama o proizvodu, preko koga je dostupni dodavanje proizvoda u potrošačku korpu kao i na listu želja korisnika.



Lista želja i potrošačka korpa sa mogućnostima uklanjanja proizvoda iz obje i naučivanja.

Your cart ×

Miljana Nerić

miljana.neric.20.20@ict.edu.rs

☐ Delivery location not in Serbia
☒ Delivery location in Serbia

order

Forma za narudžbinu, koja se ispisuje dinamički. Sve forme na sajtu prolaze kroz validaciju uz pomoć regularnih izraza.

Contact.html(Contact)

Planet Home Shop Contact Author

Contact us
– You can talk to us anytime. –

Your full name

Your email

Subject

Your message...

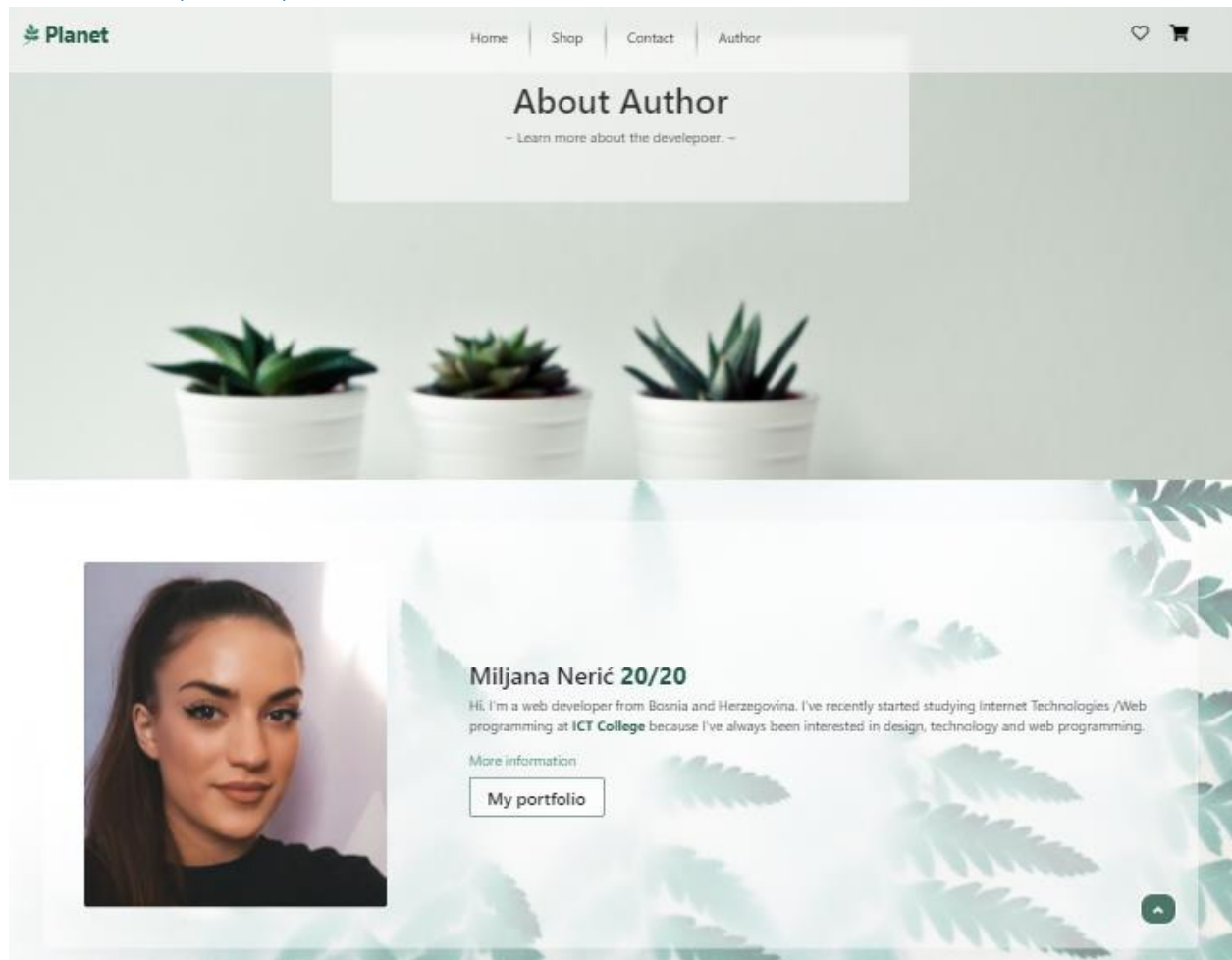
submit

Contact us!

- Location: Bulija Benciona 5
- Phone: +382 65 324321
- Mail: p.planet@gmail.com

Kontaktna stranica sa kontaktnim podacima i formom koja omogućava slanje poruke krajnjeg korisnika. Izuzev dinamičkog headera i footera sa njihovim linkovima(za navigaciju i sporedne dokumente sajta), re animacije na headeru i to-top dugmetom, koji se javljaju na svakoj stranici, nema drugih funkcionalnosti.

Author.html(Author)



Stranica o autoru koja ispoljava toogle efekta na informacijama o autoru sajta nema drugih pojedinih funkcionalnosti.

Kodovi

HTML

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8"/>
  <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <meta name="author" content="Miljana Nerić, 20/20"/>
  <meta name="keywords" content="plant, plants, flower, cactus, nature,
greenery, leaves, florist"/>
```

```

    <meta name="description" content="Welcome to Plant Planet, a place of nature
and plants."/>
    <link rel="icon" href="assets/img/favicon.ico"/>
    <!-- BOOTSTRAP CSS-->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhFIdvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous"/>
    <!-- CSS -->
    <link rel="stylesheet" href="assets/css/style.css" type="text/css">
    <!-- FONT AWESOME -->
    <script src="https://kit.fontawesome.com/d66833be4d.js"
crossorigin="anonymous"></script>
    <title> Plant Planet </title>
    <!-- JQuery -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <!-- JS -->
    <script type="text/javascript" src="js/main.js"></script>
</head>
<body>
    <!--LOADER-->
    <div id="loading" class="d-flex align-items-center justify-content-center">
        
    </div>
    <!--HOME CONTENT-->
    <div class="start slider text-center" id="slider">
        <header class="fixed-top d-flex justify-content-between px-4"></header>
        <nav class="pt-3 d-block d-md-none"><ul id="mini-nav"></ul></nav>
        <div class="d-flex justify-content-center align-items-center w-100 h-
100">
            <div class="d-none d-sm-block col-6 p-5 start-text bg rounded ">
                <h1>Welcome to Plant Planet !</h1>
                <p class="mb-5">~ Place of love for nature. ~</p>
                <a href="#start" class="button">Check it out!</a>
            </div>
            <div class="col-8 d-block d-sm-none p-5 start-text bg rounded ">
                <h1 class="h2 mb-4">Welcome!</h1>
                <a href="#start" class="button">More</a>
            </div>
        </div>
    </div>
</div>
<main id="start">
    <div class="w-100 h-100 sh p-5 text-center">

```

```

        <section class="m-sm-5 m-0 row p-3 justify-content-center" id="disc-
div">
            <p class="note">Don't Miss These Offers</p>
            <h2>The Most Discounted Products</h2>
        </section>
    </div>
</main>
<div class="shipping w-100 text-center pb-5">
    <div class="bg w-75 p-2 rounded mx-auto mt-5 p-5">
        <h1 class="h3">You love plants, but you still haven't decided to take
one?</h1>
        <p class="m-0 mb-5">Don't worry! We have a wide variety of choices.
Please visit our shop for a full list.</p>
        <p><a class="button mx-auto" href="assets/shop.html">Shop</a></p>
    </div>
</div>
<footer class="w-100 p-5 text-center"></footer>
</body>
</html>

```

Shop.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8"/>
    <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
    <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
    <meta name="author" content="Miljana Nerić, 20/20"/>
    <meta name="keywords" content="plants, flower, cactus, nature, greenery,
leaves, florist, products, shop"/>
    <meta name="description" content="Welcome to Plant Planet, come and check out
some of our products."/>
    <link rel="icon" href="img/favicon.ico"/>
    <!-- CSS -->
    <link rel="stylesheet" href="css/style.css" type="text/css"/>
    <!-- BOOTSTRAP -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhF1dvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous"/>
    <!-- FONT AWESOME -->

```

```

    <script src="https://kit.fontawesome.com/d66833be4d.js"
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.13.0/css/all.min.css" integrity="sha512-
L7MwCk7FNPcwNqnLdZq86lTHYLdQqZaz5YcAgE+5cnGmlw8JT03QB2+oxL100UeB6RlZLUxCGSS4/++m
NZdxw==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <title> Plant Planet | Shop </title>
    <!-- JQuery -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <!-- JS -->
    <script type="text/javascript" src="../js/main.js"></script>
</head>
<body>
    <!--LOADER-->
    <div id="loading" class="d-flex align-items-center justify-content-center">
        
    </div>
    <!--SHOP CONTENT-->
    <div class="start shop justify-content-center p-5 text-center align-items-
center d-flex">
        <header class="fixed-top d-flex justify-content-between px-4"></header>
        <nav class="pt-3 d-block d-md-none"><ul id="mini-nav"></ul></nav>
        <div class="start-text bg rounded col-sm-6 col-10 mx-auto p-5 mb-5">
            <h1 class="h1">Shop with us</h1>
            <p class="d-none d-sm-block">~ Indulge in nature. ~</p>
        </div>
    </div>
    <main>
        <div class="shipping w-100 text-center"></div>
        <div class="w-100 h-100 sh p-5">
            <div class="row">
                <aside class="col-12 col-sm-6 col-md-3">
                    <br/><br/>
                    <div class="category" id="max">
                        <h4>Max price</h4>
                        <form oninput="o.value=parseInt(m.value)+' $'">
                            <input type="range" id="m" value="50" min="15"
max="50">
                            <output name="o" for="m"></output>
                        </form><br/><br/>
                    </div>
                    <div class="category">
                        <input type="checkbox" id="discounted" name="discounted"
value="discounted"/>

```

```

        <label for="discounted">Discounted only</label><br/>
        <input type="checkbox" id="shipping" name="shipping"
value="shipping"/>
        <label for="shipping">Free shipping</label><br/>
        <input type="checkbox" id="stock" name="stock"
value="stock"/>
        <label for="stock">In stock only</label><br/>
        <label for="search" class="label">Search
products:</label><br/>
        <input type="text" id="search" name="search"
placeholder="Enter the name here"/><br/><br/>
    </div>
    <div class="category" id="sort-div"></div>
    <div class="category" id="pagination-div"></div>
    <div class="category" id="durability"></div>
    <div class="category" id="species"></div>
    <div class="category" id="habitat"></div>
</aside>
<div id="offers" class="col-12 col-sm-6 col-md-9">
    <div class="row p-3 justify-content-center"
id="display"></div>
    </div>
</div>
    <div id="pagination-buttons" class="mx-auto text-center p-2 m-
2"></div>
</div>
</main>
<footer class="w-100 p-5 text-center"></footer>
</body>
</html>

```

Contact.html

```

<!-- -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8"/>
    <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
    <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
    <meta name="author" content="Miljana Nerić, 20/20"/>
    <meta name="keywords" content="contact, florist"/>
    <meta name="description" content="Contact us, your Plant Planet."/>
    <link rel="icon" href="img/favicon.ico"/>

```



```

    <!-- CSS -->
    <link rel="stylesheet" href="css/style.css" type="text/css"/>
    <!-- BOOTSTRAP -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous"/>
    <!-- FONT AWESOME -->
    <script src="https://kit.fontawesome.com/d66833be4d.js"
crossorigin="anonymous"></script>
    <title> Plant Planet | Contact</title>
</head>
<body>
    <!--LOADER-->
    <div id="loading" class="d-flex align-items-center justify-content-center">
        
    </div>
    <!--CONTANT CONTENT-->
    <div class="start contact p-5 text-center align-items-center d-flex justify-
content-center">
        <header class="fixed-top d-flex justify-content-between px-4"></header>
        <nav class="pt-3 d-block d-md-none"><ul id="mini-nav"></ul></nav>
        <div class="bg rounded col-sm-6 col-10 mx-auto p-5 mb-5">
            <h1>Contact us</h1>
            <p class="d-none d-sm-block">~ You can talk to us anytime. ~</p>
        </div>
    </div>
    <main>
        <div class="w-100 h-100 sh p-3">
            <div class="bg rounded">
                <div class="row justify-content-center">
                    <div class="col-11 col-md-4 col-lg-5 p-2 p-sm-4 m-0 m-md-3 w-
bg rounded">
                        <form action="">
                            <input type="text" id="name" name="name"
placeholder="Your full name" class="form-control rounded p-2 m-md-3 mb-2"/>
                            <input type="email" id="email" name="email"
placeholder="Your email" class="form-control rounded p-2 m-md-3 mb-2" />
                            <input type="text" id="subject" name="subject"
placeholder="Subject" class="form-control rounded p-2 m-md-3 mb-2"/>
                            <textarea name="message" id="message" rows="5"
placeholder="Your message..." class="form-control rounded p-2 m-md-3 mb-
2"></textarea>

```

```

        <input type="button" id="btnSubmit" value="submit"
class="button rounded p-2 m-md-3 mb-2"/>
    </form>
</div>
<div class="col-11 col-md-6 col-lg-5 p-0 p-sm-4 m-1 m-md-3 w-
bg rounded">
    <div class="row justify-content-center align-items-center
h-100">
        <ul class="list-group list-group-flush p-3"
id="contact-us">
            <h3>Contact us!</h3>
            <li class="list-group-item p-3"><mark><i
class="fas fa-map-marked-alt"></i></mark> Location: <br class="d-sm-none"/><br
class="d-sm-none"/><b>Bulija Benciona 5</b></li>
            <li class="list-group-item p-3"><mark><i
class="fas fa-phone"></i></mark>Phone:<br class="d-sm-none"/><br class="d-sm-
none"/><b> +382 65 324321</b></li>
            <li class="list-group-item p-3"><mark><i
class="far fa-envelope"></i></mark> Mail: <br class="d-sm-none"/><br class="d-sm-
none"/><b>p.planet@gmail.com</b></li>
        </ul>
    </div>
</div>
</div>
</div>
</div>
</main>
<footer class="w-100 p-5 text-center"></footer>
<!-- JQuery -->
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<!-- JS -->
<script type="text/javascript" src="../js/main.js"></script>
</body>
</html>

```

Author.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8"/>
    <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
    <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
    <meta name="author" content="Miljana Nerić, 20/20"/>

```

```

    <meta name="keywords" content="author, florist, programmer, developer, web
designer"/>
    <meta name="description" content="More about autor of web site Plant
Planet."/>
    <link rel="icon" href="img/favicon.ico"/>
    <!-- CSS -->
    <link rel="stylesheet" href="css/style.css" type="text/css"/>
    <!-- BOOTSTRAP -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous"/>
    <!-- FONT AWESOME -->
    <script src="https://kit.fontawesome.com/d66833be4d.js"
crossorigin="anonymous"></script>
    <title> Plant Planet | Author</title>
</head>
<body>
    <!--LOADER-->
    <div id="loading" class="d-flex align-items-center justify-content-center">
        
    </div>
    <!--AUTHOR CONTENT-->
    <div class="start author p-5 text-center align-items-center d-flex justify-
content-center">
        <header class="fixed-top d-flex justify-content-between px-4"></header>
        <nav class="pt-3 d-block d-md-none"><ul id="mini-nav"></ul></nav>
        <div class="start-text bg rounded col-sm-6 col-10 mx-auto p-5 mb-5">
            <h1>About Author</h1>
            <p class="d-none d-sm-block">~ Learn more about the develepoer. ~</p>
        </div>
    </div>
    <main>
        <div class="sh p-5">
            <section class="row mx-auto justify-content-center align-items-center
bg rounded">
                <div id="author-portrait" class="col-12 col-md-4 p-md-2 p-lg-5">
                    
                </div>
                <div id="author-info" class="col-12 col-md-8 p-1 p-sm-5">
                    <h3>Miljana Nerić<b> 20/20</b></h3>
                    <p>Hi. I'm a web developer from Bosnia and Herzegovina. I've
recently started studying Internet Technologies /Web programming at <a

```

```

href="https://ict.edu.rs/" target="_blank">ICT College</a> because I've always
been interested in design, technology and web programming.</p>
    <p id="miljana-more">More information</p>
    <div id="miljana" class="mb-4">
        <p>Although my skills are limited at this moment, I will
continuously try to improve them through my studies, projects etc. You can check
my recent projects and learn more about me by visiting my portfolio website.</p>
    </div>
    <a href="https://miljana20.github.io/PORTFOLIO/"
target="_blank"" class="button">My portfolio</a>
    </div>
</section>
</div>
</main>
<footer class="w-100 p-5 text-center"></footer>
<!-- JQuery -->
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<!-- JS -->
<script type="text/javascript" src="../js/main.js"></script>
</body>
</html>

```

SCSS/CSS

style.scss

```

@font-face {
    font-family: FA;
    src: url("https://kit.fontawesome.com/d66833be4d.js");
}
$white:#ffffff;
$black:#000000;
$bgreen:#307960;
$green:#225745;
*{
    margin: 0px;
    padding: 0px;
    box-sizing: border-box;
}
body{
    .card-bg{
        display: block;
        position: fixed;
        top: 0px;
        width: 100%;
    }
}

```

```
height: 100%;
background-color: rgba($black, 0.7);
padding-top: 8%;
z-index: 10000;
#x{
  position: fixed;
  top: 12vh;
  right: 15vw;
  color: $white;
  font-size: large;
  cursor: pointer;
}
.crd{
  background-color: $white;
  width: 60%;
  max-height: 90%;
  margin: auto auto;
  overflow: hidden;
  .brg{
    color: $bgreen;
  }
  .bold{
    background-color: transparent;
    font-weight: bold;
  }
  .line{
    text-decoration: line-through;
    background-color: transparent;
    font-size: 18px;
    color: rgba($black, 0.6);
  }
  input[type=number]{
    background-color: $white;
    color: $green;
    border: 2px solid $green;
  }
  button{
    background-color: $green;
    color: $white;
    font-size: 15px;
    border: none;
  }
  #heart-card{
    color: $green;
    font-size: x-large;
  }
}
```

```
        cursor: pointer;
    }
    #dodato{
        display: none;
        color: $bgreen;
    }
}
}
ul{
    list-style-type: none;
}
p>a{
    text-decoration: none;
    font-weight: bold;
    color: $green;
    transition: 1s;
    &:hover{
        color: $bgreen;
        transition: 1.5s;
    }
}
img{
    width: 100%;
}
#loading{
    position: fixed;
    top: 0px;
    left: 0px;
    width: 100vw;
    height: 100vh;
    background-color: $white;
    z-index: 10000;
    img{
        width: 50px;
    }
}
.bg{
    background-color: rgba($white, 0.5);
}
.w-bg{
    background-color: $white;
}
.err{
    border: 1px solid #f46;
    &::placeholder{
```

```
        color: #f46;
    }
}
.button{
    text-decoration: none;
    transition: 1.5s;
    color: $black;
    font-size: 20px;
    font-weight: 600;
    padding: 8px 20px;
    border: 1px solid $green;
    background-color: rgba($white, 0.5);
    border-radius: 3px;
    &:hover{
        color: $green;
        transition: 1s;
        background-color: rgba($white, 0.8);
    }
}
b{
    color: $green;
}
.start{
    &#slider{
        background-image: url(../img/slajd1.jpg);
        height: 100vh;
        background-position: center;
        transition: 3s;
    }
    width: 100%;
    background-attachment: fixed;
    background-repeat: no-repeat;
    background-size: cover;
    background-position: bottom;
    &.shop{
        background-image: url(../img/shop.jpg);
        height: 70vh;
    }
    &.author{
        background-image: url(../img/design.jpg);
        height: 70vh;
    }
    &.contact{
        background-image: url(../img/contact.jpg);
        height: 70vh;
    }
}
```

```

}
#mini-nav{
  padding: 0px;
  z-index: 1000000;
  display: none;
  position: fixed;
  top: 80px;
  left: 0px;
  width: 100vw;
  background-color: rgba($white, 0.5);
  backdrop-filter: blur(5px);
  text-align: center;
  li{
    width: 100%;
    padding: 15px 0px;
    a{
      color: $green;
      text-decoration: none;
      font-size: large;
      transition: 1.5s;
      &:hover{
        color: $black;
        transition: 1s;
      }
    }
  }
}

}
header{
  transition: 1s;
  padding: 15px;
  &.header-bg{
    padding: 0px;
    transition: 1s;
    height: 80px;
    background-color: rgba($white, 0.5);
    backdrop-filter: blur(5px);
    nav{
      ul{
        li{
          a{
            color: $black;
          }
        }
      }
    }
  }
}

```



```

    }
  }
  #icons{
    li{
      display: inline-block;
      margin: 10px;
      a{
        color: $black;
        font-size: 20px;
        text-decoration: none;
        transition: 1.5s;
        &:hover{
          color: $green;
          transition: 1s;
        }
      }
    }
  }
}
nav{
  ul{
    li{
      display: inline-flex;
      border-style: solid;
      border-width: 1.5px;
      border-image: linear-gradient(to bottom, transparent,
$green, transparent) 1 100%;
      &:nth-of-type(odd){
        border: none;
      }
      &:last-of-type{
        border-right: none;
      }
      a{
        font-size: 16px;
        margin: 10px 25px;
        color: $white;
        transition: 2s;
        border-bottom: 1px solid transparent;
        text-decoration: none;
        &:hover{
          color: $green;
          transition: 1s;
          //border-bottom: 1px solid $green;
        }
      }
    }
  }
}

```



```

    mark{
        text-decoration: line-through;
        background-color: transparent;
        font-size: 18px;
        color: rgba($black, 0.6);
    }
    .free{
        color: rgba($green, 0.8);
        &.h{
            transition: 1s;
            cursor: pointer;
            &:hover{
                color: $green;
                transition: 1s;
            }
        }
    }
}
#loc-p{
    color: #f46;
}
}
main{
    background-image: url(../img/bg.jpg);
    background-attachment: fixed;
    background-repeat: no-repeat;
    #contact-us{
        h3{
            color: $green;
        }
        mark{
            padding: 10px 12px;
            margin: 7px;
            background-color: rgba($green, 0.3);
            color: $green;
            border-radius: 50%;
        }
    }
}
section{
    h2{
        color: rgba($black, 0.8);
        font-weight: 700;
        text-shadow: 2px 2px 10px $white;
        &::after{
            display: block;

```

```

        content: "";
        background-color: rgba($green, 0.7);
        width: 60px;
        height: 2px;
        margin: 0px auto;
        margin-top: 8px;
    }
}
#miljana-more{
    cursor: pointer;
    color: $bgreen;
}
#miljana{
    display: none;
}
}
.sh{
    background-color: rgba($white, 0.5);
}
.note{
    color: $black;
}
aside{
    .label{
        font-size: 18px;
        color: $green;
    }
    #search, #sort, #pagination{
        width: 70%;
        border: 1px solid $bgreen;
        border-radius: 3px;
        padding: 5px;
        color: $green;
    }
    .category{
        h4{
            &::after{
                content: "";
                display: block;
                position: relative;
                top: 1px;
                height: 1.5px;
                width: 55%;
                background-color: rgba($green, 0.6);
            }
        }
    }
}

```

```

        //border-bottom: 1px solid $bgreen;
    }
}
input{
    &[type=checkbox] {
        display: none;
        & + label{
            display: block;
            cursor: pointer;
            margin: 3px;
            padding: 2px;
            &:before {
                font-family: "Font Awesome 5 free";
                font-weight: 900;
                content: "\f00c";
                padding-left: 3.5px;
                padding-bottom: 6px;
                border: 1px solid $black;
                border-radius: 4px;
                display: inline-block;
                width: 25px;
                height: 25px;
                margin-right: 5px;
                vertical-align: bottom;
                color: transparent;
                transition: .2s;
            }
            &:active:before {
                transform: scale(0);
            }
        }
    }
    &:checked + label:before {
        background-color: $green;
        border-color: $green;
        color: $white;
    }
    &:disabled + label:before {
        transform: scale(1);
        border-color: #aaa;
    }
    &:checked:disabled + label:before {
        transform: scale(1);
        background-color: rgba($green, 0.5);
        border-color: rgba($green, 0.5);
    }
}

```

```

    }
  }
  &[type=range]{
    appearance: none;
    width: 70%;
    height: 5px;
    border-radius: 3px;
    border: 1px solid $bgreen;
    &::-webkit-slider-thumb{
      appearance: none;
      width: 10px;
      height: 10px;
      background-color: $green;
      border-radius: 2px;
      transform: rotate(45deg);
      cursor: pointer;
    }
  }
}
}
.a{
  transition: 0.5s;
  text-align: center;
  cursor: pointer;
  &:hover{
    transition: 0.7s;
    box-shadow: 0 0 2rem $green;
  }
  .dis{
    position: sticky;
    top: 80px;
    background-color: $green;//rgba($green, 0.8);
    color: $white;
    width: 50%;
    text-align: center;
    z-index: 1;
    &::after{
      content: "";
      display: block;
      position: absolute;
      top : 6px;
      right: -0.9rem;
      width: 28px;
      height: 28px;
      background-color: $green;//rgba($green, 0.8);
    }
  }
}

```

```

        transform: rotate(45deg);
        z-index: -1;
    }
}
mark{
    text-decoration: line-through;
    background-color: transparent;
    font-size: 18px;
    color: rgba($black, 0.6);
}
.free{
    color: rgba($green, 0.8);
}
}
#pagination-buttons{
    button{
        padding: 5px 10px;
        margin: 1px;
        border: 2px solid $green;
        color: $green;
        background-color: $white;
        transition: 1s;
        &.active-pagination-button, &:hover{
            transition: 1s;
            color: $white;
            background-color: rgba($green,0.7);
        }
    }
}
}
}
.shipping{
    background-image: url(../img/slajd2.jpg);
    background-attachment: fixed;
    color: rgba($black, 0.8);
    .o{
        background-color: $bgreen;
        color: $white;
    }
}
}
footer{
    background-color: $green;
    color: $white;
    #to-top{
        display: none;
    }
}

```

```

    position: fixed;
    bottom: 5vh;
    right: 5vw;
    border: none;
    padding: 5px 15px;
    border-radius: 15px;
    border: 2px solid $white;
    background-color: rgba($green, 0.8);
    color: $white;
    transition: 1.5s;
    &:hover{
        background-color: $white;
        color: $green;
        transition: 1s;
    }
}
a{
    text-decoration: none;
    color: $white;
    transition: 1s;
    i{
        color: $bgreen;
        transition: 1.5s;
    }
    &:hover{
        color: rgba($black, 0.5);
        transition: 1.5s;
        i{
            transition: 2s;
            color: $white;
        }
    }
}
#me{
    color: rgba($black, 0.5);
    transition: 1.5s;
    & a:hover{
        color: $bgreen;
        transition: 1s;
    }
}
.logo{
    a{
        text-decoration: none;
        font-size: 40px;
    }
}

```



```
font-weight: bold;
color: $white;
transition: 1s;
i{
    color: $bgreen;
    transition: 1.5s;
}
&:hover{
    color: $bgreen;
    transition: 0.5s;
    i{
        color: $black;
        transition: 1s;
    }
}
}
}
h3{
    font-size: 25px;
    &:after{
        content: "";
        display: block;
        top: 10px;
        left: 0px;
        width: 30px;
        height: 2.5px;
        margin: 0px auto;
        background-color: rgba($black, 0.5);
    }
}
}
}
}
}
@media screen and (max-width: 1100px) {
    body{
        .card-bg{
            padding-top: 18%;
            .crd{
                width: 70%;
            }
        }
    }
}
}
}
}
}
@media screen and (max-width: 560px) {
    body{
        .sidebar{
```

```

        width: 80%;
    }
    .card-bg{
        padding-top: 35%;
        #x{
            right: 5vw;
        }
        .crd{
            width: 80%;
        }
    }
}
}

```

JavaScript/jQuery

Main.js

```

let url = window.location.pathname;

//Animacija pri učitavanju stranice-
window.onload = function() {
    setTimeout(()=>{
        $("#loading").fadeOut(800, function(){
            $("#loading").remove();
        });
    }, 1200)
}

ajaxData("slider",displayHeader);

//Dohvatanje podata-
function ajaxData(file, callback){
    let u;
    if(url=="/PlantPlanet/index.html" || url=="/PlantPlanet/"){
        u ="assets/data/";
    }else{
        u = "data/";
    }
    $.ajax({
        url: u + file + ".json",
        method: "get",
        dataType: "json",
        success: function(response){
            callback(response);
        },
    },

```

```

        error: function(error){
            console.log(error);
        }
    })
}

//Dohvatanje podataka iz LocalStorage-a
function getLocalStorageItem(name){
    let item = localStorage.getItem(name);
    if(item){
        parsedItem = JSON.parse(item);
        if(parsedItem.length > 0){
            return parsedItem;
        }
    }
    return false;
}

//Ispis headera(isto za svaku stranicu)-
function displayHeader(data){
    let html = "";
    html += `<div class="logo pt-3">
        <a href="../index.html"><i class="fab fa-pagelines"></i>
Planet</a>
    </div>
    <nav class="pt-3 d-none d-md-block"><ul id="nav"></ul></nav>
    <ul class="pt-2" id="icons">
        <li><a href="#"><i class="far fa-heart" id="w-
sidebar"></i></a></li>
        <li><a href="#"><i class="fas fa-shopping-cart" id="c-
sidebar"></i></a></li>
        <li><a href="#"><i class="fas fa-bars d-block d-md-none"
id="hamburgercic"></i></a></li>
    </ul>`
    $('header').html(html);

    document.getElementById("w-sidebar").addEventListener("click", function(){
        let w = getLocalStorageItem("WishList");
        createSidebar(w, "wish list");
    });
    document.getElementById("c-sidebar").addEventListener("click", function(){
        let c = getLocalStorageItem("cart");
        createSidebar(c, "cart");
    });
}

```

```

    try{
        ajaxData("nav", displayNav);
    }
    catch(c){
        console.log(`Error loading navigation! Status ${c}`);
        $("#nav").append("<li>Error loading navigation. Try again later.</li>");
    }

    displayFooter();

    if(url == "/PlantPlanet/index.html"){
        localStorage.setItem("slajder",JSON.stringify(data));
        changeSlide();
    }
    else{
        if(getLocalStorageItem("slajder")){
            localStorage.removeItem("slajder");
        }
    }

    if(url == "/PlantPlanet/assets/shop.html"){
        $('#search').keyup(filter);
        $('#stock').change(filter);
        $('#discounted').change(filter);
        $('#shipping').change(filter);
        $('#m').change(filter);
    }
}

// -Ispis footera(isto za svaku stranicu)-
function displayFooter(){
    let html = "";
    html += `<div class="container row mx-auto">
        <div class="col-12 col-md-4 mb-4">
            <div class="logo">
                <a href=${url == '/PlantPlanet/index.html' || url ==
'/PlantPlanet/' ? '../PlantPlanet/index.html' : '../index.html'}><i class="fab
fa-pagelines"></i> Planet</a>
            </div>
            <p>~ Place of love for nature ~</p>
        </div>
        <div class="col-12 col-md-4 mb-4" id="link">
            <h3>Useful links:</h3>
        </div>
        <div class="col-12 col-md-4 mb-4">

```

```

        <h3>Author:</h3>
        <p>Miljana Nerić 20/20</p>
    </div>
</div>
<hr/>
<p id="me">&copy;Copyright <a
href="https://miljana20.github.io/PORTFOLIO/" target="_blank">Nerić Miljana</a>.
All Rights Reserved.</p>
    <button id="to-top" title="Scroll to top"><i class="fa fa-angle-
up"></i></button>`
    $('footer').html(html);
    ajaxData("links", displayLinks);
    displayShipping();

    $('#to-top').click(function(){
        $('html ,body').animate({scrollTop : 0});
    });
}

//Prikazivanje obavještenja za besplatnu dostavu na teritoriji Srbije-
function displayShipping(){
    let html = `<div class="o p-3">
        <p class="h3">FREE SHIPPING in Serbia!</p>
    </div>`;
    $(".shipping").prepend(html);
}

//Prikaz linkova u footeru-
function displayLinks(data){
    html = "";
    for(d of data){
        html += `<p><a href='${url == '/PlantPlanet/index.html' || url ==
'/PlantPlanet/' ? '' : '../'}${ d.href}' target="_blank"><i
class='${d.class}'></i>${d.title}</a></p>`
    }
    $('#link').append(html);
}

//Ispis kartica sa biljkama-
let page = 1;
function displayPlants(data){
    localStorage.setItem("Biljke", JSON.stringify(data));
    data = search(data);
    data = filterDurability(data);

```

```

data = filterSpecies(data);
data = filterHabitat(data);
data = filterStock(data);
data = filterDiscounted(data);
data = filterShipping(data);
data = filterMaxPrice(data);
data = sort(data);

let items;
if(url == "/PlantPlanet/assets/shop.html"){
    items = Number($("#pagination").val());
}
else{
    items = 3;
}

pagination(data, items, page);

page--;
let start = items * page;
let end = start + items;
console.log(end);
let pagData = data.slice(start, end);

let html = '';
if(pagData.length > 0){
    for(let p of pagData){
        html += `<div class="a col-11 col-md-5 col-xl-3 m-3 p-3 w-bg rounded"
onclick="createCard(${p.id})" id="${p.id}">
                ${getDis(p.price.discount)}
                
                <div class="p-3">
                    <h5>${p.name}</h5>
                    <p class="price h2">${p.price.new}$
<mark>${p.price.old ? p.price.old + "$" : ""}</mark></p>
                    <p class="text-danger">${p.stock ? "" : "No plant in
stock!"}</p>
                    <p class="free">${p.freeShipping ? "Free shipping" :
""}</p>
                </div>
            </div>`
    }
}
else{

```

```

        html += `

<a href="${d.href}">${d.title}</a></li>`
            }
            else{
                html += `- <a href="assets/${d.href}">${d.title}</a></li>`
            }
        }
    }
}


```

```

    }
  }
  else{
    if(d.title=="Home"){
      html += `<li><a href="../${d.href}">${d.title}</a></li>`
    }
    else{
      html += `<li><a href="${d.href}">${d.title}</a></li>`
    }
  }
}
}
$("#nav").html(html);
$("#mini-nav").html(html);

//-Prikaz menija za manje rezolucije na klik ikonice-
$('#hamburgercic').on('click', function(){
  if($('.header').hasClass('header-bg') && $(window).scrollTop() < 80){
    $('.header').removeClass('header-bg');
  }
  else{
    $('.header').addClass('header-bg');
  }
  $('#mini-nav').toggle(1000, function(){
    $(window).scroll(function(){
      $('#mini-nav').hide(1000);
    });
  });
});

try {
  if(url == "/PlantPlanet/index.html" || url == "/PlantPlanet/"){
    filter();
  }
  ajaxData("durability", displayDurability);
}
catch(c){
  console.log(`Error loading products! Status ${c}`);
  $("#disc-div").append(`<p>Error loading products! Try again later.</p>`);
  $("#display").append(`<p>Error loading products and some categories! Try
again later.</p>`);
}
}

//-Ispis kategorija "durability"

```



```

function displayDurability(data){

    let html = "<h4 class='b'>Plant durability</h4>";
    for(const d of data){
        html += `<input type="checkbox" id="${d.value}" value="${d.id}"
class="durability" name="durabilities"/>
        <label for="${d.value}"> ${d.label} plants</label>`
    }
    html += "<br/><br/>"
    $("#durability").html(html);
    if($("#durability").length!=0){
        $('#durability').change(filter);
    }
    ajaxData("species", displaySpecies);

    localStorage.setItem("Trajnosti", JSON.stringify(data));
}

//-Ispis kategorija "species"-
function displaySpecies(data){

    let html="<h4 class='b'>Plant species</h4>";
    for(let s of data){
        html+=`<input type="checkbox" id="${s.value}" value="${s.id}"
class="species" name="speciess"/>
        <label for="${s.value}">Plant species of  ${s.value}</label>`
    }
    html += "<br/><br/>"
    $('#species').html(html);
    if($("#species").length!=0){
        $('#species').change(filter);
    }
    ajaxData("habitat", displayHabitat);

    localStorage.setItem("Vrste", JSON.stringify(data));
}

//-Ispis kategorija "habitat"-
function displayHabitat(data){

    let html="<h4 class='b'>Plant habitat</h4>";
    for(let h of data){
        html+=`<input type="checkbox" id="${h.value}" value="${h.id}"
class="habitat" name="habitats"/>
        <label for="${h.value}">${h.label} land</label>`
    }
}

```

```

    }
    html += "<br/><br/>"
    $('#habitat').html(html);
    if($("#habitat").length!=0){
        $('#habitat').change(filter);
    }
    if(url == "/PlantPlanet/assets/shop.html"){
        ajaxData("select", select);
    }

    localStorage.setItem("Stanista", JSON.stringify(data));
}

//-Ispis select-a za sortiranje i paginaciju-
function select(data){
    for(let d of data){
        let div = $("#"+d.for+"-div");
        let html = `<label for="${d.for}" class="label">${d.label}</label><br/>`;
        html += `<select id="${d.for}">`;
        for(let i=0; i<d.option.length; i++){
            html += `<option
value="${d.option[i].value}">${d.option[i].title}</option>`;
        }
        html += `</select><br/><br/>`;
        div.html(html);
    }

    $("#sort").change(filter);
    $("#pagination").change(filter);
    ajaxData("plants", displayPlants);
}

//-Dohvatanje(ispis) popusta(ukoliko ga ima)-
function getDis(d){
    if(d != ""){
        html = "<div class='dis p-2'>"
        html += d + "% off";
        html += "</div>"
        return html;
    }
    return d;
}

//-Filter-
function filter(){

```

```
    page = 1;
    ajaxData("plants", displayPlants);
}

//Pretraga naslova po ključnoj riječi-
function search(plants){
    if($('#search').length != 0){
        let word = $('#search').val().toLowerCase();
        let data = plants.filter(p=> p.name.toLowerCase().indexOf(word) != -1);
        return data;
    }
    return plants;
}

//Filtriranje proizvoda po trajnosti biljaka(durability)-
function filterDurability(plants){
    let durabilities = [];
    $('.durability:checked').each(function(e){
        durabilities.push(parseInt($(this).val()));
    });
    if(durabilities.length > 0) {
        return plants.filter(plant => durabilities.includes(plant.durability));
    }
    else return plants;
}

//Filtriranje proizvoda po vrsti biljaka(species)-
function filterSpecies(plants){
    let spec = [];
    $('.species:checked').each(function(e){
        spec.push(parseInt($(this).val()));
    })
    if(spec.length>0){
        return plants.filter(plant => spec.includes(plant.species));
    }
    else return plants;
}

//Filtriranje proizvoda po familijama biljaka(habitat)-
function filterHabitat(plants){
    let habitats = [];
    $('.habitat:checked').each(function(e){
        habitats.push(parseInt($(this).val()));
    })
    if(habitats.length>0){
```

```

        return plants.filter(h=> h.habitat.some(hab => habitats.includes(hab)))
    }
    else return plants;
}

//Filtriranje po dostupnosti proizvoda-
function filterStock(plants){
    if($('#stock:checked').length != 0){
        return plants.filter(plant => plant.stock == true)
    }
    else return plants;
}

//Filtriranje po besplatnoj dostavi proizvoda-
function filterShipping(plants){
    if($('#shipping:checked').length != 0){
        return plants.filter(plant => plant.freeShipping == true)
    }
    else return plants;
}

//Filtriranje po dostupnosti proizvoda-
function filterDiscounted(plants){
    if($('#discounted:checked').length != 0 || url=="/PlantPlanet/index.html" ||
url=="/PlantPlanet/"){
        return plants.filter(plant => plant.price.discount != "")
    }
    else return plants;
}

//Filtriranje po unijetoj maksimalnoj cijeni za proizvode-
function filterMaxPrice(plants){
    if($('#m').length != 0){
        let value = parseInt($("#m").val());
        return plants.filter(plant => plant.price.new <= value);
    }
    else return plants;
}

//Sortiranje po cijeni proizvoda-
function sort(plants){
    if($("#sort").length != 0 || url=="/PlantPlanet/index.html" ||
url=="/PlantPlanet/"){
        let by = $('#sort').val();
        if(url=="/PlantPlanet/index.html" || url=="/PlantPlanet/"){by="discount"}
    }
}

```

```

    switch(by){
      case "price-asc":{
        return plants.sort((a,b) => a.price.new - b.price.new);
      }
      case "price-desc":{
        return plants.sort((a,b) => b.price.new - a.price.new);
      }
      case "discount":{
        return plants.sort((a,b) => b.price.discount - a.price.discount);
      }
      case "name-asc":{
        return plants.sort(function(a,b){
          if(a.name < b.name){
            return -1;
          }
          else if(a.name > b.name){
            return 1;
          }
          else return 0;
        });
      }
      case "name-desc":{
        return plants.sort(function(a,b){
          if(a.name > b.name){
            return -1;
          }
          else if(a.name < b.name){
            return 1;
          }
          else return 0;
        });
      }
      default :{
        return plants;
      }
    }

    return plants;
  }
}

// -Kartice s detaljnijim opisom proizvoda-
function createCard(id){
  let pl = getLocalStorageItem("Biljke");
  let durability = getLocalStorageItem("Trajnosti");

```

```

    let species = getLocalStorageItem("Vrste");
    let html = "";
    for(let p of pl){
        if(p.id==id){
            html += `<div class="card-bg">
                <div onclick="closeCard()" id="x"><i class="fas fa-
times"></i></div>
                <div class="crd rounded">
                    <div class="row justify-content-between p-1 p-sm-3 p-
lg-5 w-100">
                        <div class="col-md-6 d-none d-md-block">
                            
                            <div class="row justify-content-between p-2
w-100">
                                ${retrnMicroImgs(p.id)}
                            </div>
                        </div>
                        <div class="col-12 col-md-6">
                            <p class="h2 mb-3 brg">${p.name}</p>
                            <ul class="list-group list-group-flush">
                                <li class="list-group-item"><mark
class="bold">Durability: </mark>${getDS(p.durability, durability)}</li>
                                <li class="list-group-item"><mark
class="bold">Habitat: </mark>${getH(p.habitat)}</li>
                                <li class="list-group-item"><mark
class="bold">Plant species of </mark>${getDS(p.species, species)}</li>
                                <li class="list-group-item"><mark
class="bold">Discount: </mark>${p.price.discount ? p.price.discount + "%" : "No
discount!"}</li>
                            </ul>
                            <hr/>
                            <div>${onStock(p.id)}</div>
                        </div>
                    </div>
                </div>
            </div>`;
        }
    }
    $("body").append(html);
}

// -Zatvaranje kartice-
function closeCard(){

```

```

    document.querySelector(".card-bg").remove();
}

//-Ispis dijela kartice-
function onStock(id){
    let pl = localStorageItem("Biljke");
    let html="";
    for(let p of pl){
        if(p.id==id){
            if(p.stock){
                html +=`<p class="price h2">${p.price.new}$ <mark
class="line">${p.price.old ? p.price.old + "$" : ""}</mark></p>
                <div class="row w-100 justify-content-center">
                    <button id="add-to-cart" value="add" class="col-4 m-
2" onclick="cart(${p.id})">Add to cart</button>
                    <input type="number" name="add" id="add-to-cart-
value" min="1" value="1" class="col-3 m-2"/>
                    <div class="col-2 m-2 p-1"
onclick="wishlist(${p.id})"><i class="far fa-heart" id="heart-card"></i></div>
                    </div>
                    <span id="dodato" class="p-3">Added to the cart!</span>`
            }
            else{
                html +=`<p class="text-danger p-2">No plant in stock!</p>`;
            }
        }
    }
    return html;
}

//-Dohvatanje lokacije slike iz niza lokacija-
function getImg(arr, id){
    for(let a of arr){
        if(arr.indexOf(a) == id){
            return a;
        }
    }
}

//-Dohvatanje ostalih slika pojedinog proizvoda-
function retrnMicroImgs(id){
    let pl = localStorageItem("Biljke");
    let html = "";
    for(let p of pl){
        if(p.id==id){

```

```

        html +=`<div class="col-5 p-3" onclick="displayMicroImgs(${p.id},
1)">
                
                </div>`
        if(p.img.src.length==3){
            html +=`<div class="col-5 p-3" onclick="displayMicroImgs(${p.id},
2)">
                    
                    </div>`
        }
    }
}
return html;
}

//-Funkcija za pun prikaz na kliknutu sliku-
function displayMicroImgs(id, img){
    let pl = getLocalStorageItem("Biljke");
    for(let p of pl){
        if(p.id==id){
            document.getElementById("big-one").setAttribute("src", url ==
"/PlantPlanet/index.html" ? "assets/"+getImg(p.img.src, img) : getImg(p.img.src,
img));
        }
    }
}

//-Dohvatanje kategorije trajnost(dutability) i vrsta(species) proizvoda-
function getDS(id, data){
    for(let d of data){
        if(d.id==id){
            return d.value;
        }
    }
}

//-Dohvatanje niza kategorije staništa(habitat)-
function getH(ids){
    let habitat = getLocalStorageItem("Stanista");
    let h="";
    for(let id of ids){
        for(let x of habitat){
            if(id==x.id){

```



```

        h+=x.value + " land, ";
    }
}
return h.substring(0, h.length-2);
}

//-Kreiranje za listu Zelja i korpu-
function createSidebar(array, type){
    let html = `

49


```

```

        <input type="button" onclick="del('cart')" value="Clear"
class="button rounded p-2 m-md-3 m-2 col-5 col-md-3"/>
        <p><span class="h3">Total price: ${total()} $
</span>(With shipping per product)</p>
    </div>`
    }
    else {
        html+= `<div class="row justify-content-center">
            <input type="button" onclick="del('WishList')"
value="Clear" class="button rounded p-2 m-md-3 m-2 w-50"/>
            </div>`
    }
}
else {
    html += `<p class="mt-5">Your ${type} is empty!<br/>Visit our <a
href="${url == "/PlantPlanet/index.html" ? "assets/" : ""}shop.html">shop</a> to
add new items.</p>`;
}
html += "</div></div>"
$("#main").append(html);
}

//-Računanje totalne cijene
function total(){
    let total = 0.;
    let pl = getLocalStorageItem("Biljke");
    let cartt = getLocalStorageItem("cart");
    for(p of pl){
        for(c of cartt){
            if(c.id == p.id){
                total += c.value * p.price.new;
                if(!p.freeShipping){total += 1;}
            }
        }
    }
    return total;
}

//-Brisanje pojedinačnof proizvoda iz korpe-
function remc(id){
    let niz = getLocalStorageItem("cart");
    for(let i = 0; i < niz.length; i++){
        if(niz[i].id == id){
            niz.splice(i, 1);
            localStorage.setItem("cart", JSON.stringify(niz));
        }
    }
}

```

```

        closeSidebar();
        createSidebar(niz,"cart");
    }
}

//Brisanje pojedinačnog proizvoda sa liste želja
function remw(id){
    let niz = getLocalStorageItem("WishList");
    for(let i = 0; i < niz.length; i++){
        if(niz[i] == id){
            niz.splice(i, 1);
            localStorage.setItem("WishList", JSON.stringify(niz));
            closeSidebar();
            createSidebar(niz,"Wish List");
        }
    }
}

//Zatvaranje Sidebar-a-
function closeSidebar(){
    document.querySelector(".sidebar").remove();
}

//Uklanjanje sveukupnog odabira liste želja i korpe
function del(x){
    localStorage.removeItem(x);
    location.reload();
}

//Ispis forme za narudžbinu-
function orderForm(){
    let html = `<form action="" class="w-75">
        <input type="text" id="name0" name="name0" placeholder="Your
full name" class="form-control rounded p-2 m-md-3 mb-2"/>
        <input type="email" id="email0" name="email0"
placeholder="Your email" class="form-control rounded p-2 m-md-3 mb-2"/>
        <div class="form-control rounded p-2 m-md-3 mb-2">
            <input type="radio" name="locc" value="0"/>Delivery
location not in Serbia<br/>
            <input type="radio" name="locc" value="1"/>Delivery
location in Serbia
        </div>
    <p id="loc-p"></p>

```

```

        <input type="button" id="btnOrder" value="order"
class="button rounded"/>
    </form>`;
    $("#sidebar-content").html(html);
    $("#btnOrder").on("click",orderValidation);
}

//-Dodavamje proizvoda na listu želja-
function wishList(id){
    let x = document.getElementById("heart-card");
    x.classList.remove("far");
    x.classList.add("fas");

    var w = getLocalStorageItem("WishList");
    if(!w){
        w=[];
        w[0] = id;
        localStorage.setItem("WishList", JSON.stringify(w));
    }
    else{
        let j = 0;
        for(let i of w){
            if(i==id){j++};
        }
        if(j==0){w[w.length]=id}
        localStorage.setItem("WishList", JSON.stringify(w));
    }
}

//-Dodavanje u korpu-
function cart(id){
    $('#dodato').fadeIn(500, function(){
        setTimeout(()=>$('#dodato').fadeOut(500)},2000);
    });
    var ids = getLocalStorageItem("cart");
    if(!ids){
        ids=[];
        ids[0] = {"id":id,
            "value":Number(document.getElementById("add-to-cart-
value").value)}
        localStorage.setItem("cart", JSON.stringify(ids));
    }
    else{
        var n = 0;
        for(let i of ids){

```

```

        if(i.id==id){
            i.value +=Number(document.getElementById("add-to-cart-
value").value);
            n++;
        }
    }
    if(n==0){
        ids[ids.length] = {"id":id,
                           "value":Number(document.getElementById("add-to-
cart-value").value)}
    }
    localStorage.setItem("cart", JSON.stringify(ids));
}
}
//Animacija header-a i prikaz dugmeta "To top" na skrol na stranici-
$(window).scroll(function(){
    if($(this).scrollTop() > 80){
        $('#to-top').fadeIn();
        $('header').addClass('header-bg');
    }
    else{
        $('#to-top').fadeOut();
        $('header').removeClass('header-bg');
    }
});

//Prikaz više informacija o autoru-
$('#miljana-more').on('click', function(){
    $('#miljana').toggle(2000);
});

//Slajder-
var position = 0;
function changeSlide(){
    sl = getLocalStorageItem("slajder");
    document.querySelector("#slider").style.backgroundImage =
sl[position].img.src;
    if(position < sl.length - 1){
        position++;
    }else{
        position = 0;
    }
    setTimeout("changeSlide()", 4000);
}

```

```

//Validaija formi-
if(url == "/PlantPlanet/assets/contact.html"){
    document.querySelector("#btnSubmit").addEventListener("click",
messageValidation);
}

var nRegex =
/^\p{Uppercase_Letter}\p{Letter}{1,14}(\s\p{Uppercase_Letter}\p{Letter}{1,14}){1,
3}$/u;
var eRegex = /^[a-z](\.\_|-)?[a-z0-9]{2,}@[a-z](\.\_|-)?[a-z0-9]{2,}\.[a-
z]{2,6}$/i;
var sRegex = /^\p{Uppercase_Letter}[\p{Letter}\.,\?!\\/-]*(\s[\p{Letter}\.,\?!\\/-
]+)*$/u;
var mRegex = /.{20,}/;

var fullNameMessage = "All words must begin with a capital letter."
var emailMessage = "Use only letters, numbers and symbols @.-_"

function validation(regex, input, val, n, m){
    var err = 0;
    if(!regex.test(val)){
        input.classList.add("err");
        if(val.length == 0){
            input.setAttribute("placeholder", "You must fill in the field.");
        }
        else if(val.length > n){
            input.setAttribute("placeholder", "Length of the "+input.id+" must be
less than "+n+ ".");
        }
        else{
            input.setAttribute("placeholder", m);
        }
        input.value = "";
        err++;
    }
    else{
        input.style.border = "1px solid #aaa";
        input.classList.remove("err");
    }
    return err;
}

function messageValidation(){
    var name = document.querySelector("#name");
    var email = document.querySelector("#email");

```

```

    var subject = document.querySelector("#subject");
    var message = document.querySelector("#message");

    var err = 0;
    err += validation(nRegex, name, name.value, 30, fullNameMessage);
    err += validation(eRegex, email, email.value, 50, emailMessage);
    err += validation(sRegex, subject, subject.value, 30, "First letter must be a capital. You can use symbols .,-/?!");
    err += validation(mRegex, message, message.value, 200, "Message must be at least 20 and less then 200 characters long.");

    if(!err){
        al(name.value, "message", 0);
    }
}

function orderValidation(){
    var name = document.querySelector("#name0");
    var email = document.querySelector("#email0");
    var loc = document.querySelector('input[name="locc"]:checked');

    var err = 0;
    var x = 0;
    err += validation(nRegex, name, name.value, 30, fullNameMessage);
    err += validation(eRegex, email, email.value, 50, emailMessage);
    if(loc == null){
        $("#loc-p").html("**Pleace, chose location.");
        err++;
    }
    if(!loc.value){
        x = 4.99;
        $("#loc-p").html("")
    }

    if(!err){
        al(name.value, "order", x);
    }
}

function tott(x){
    let xx;
    xx = total();
    xx += x;
    return xx;
}

```

```
function al(name, type, x){
    alert(`Dear ${name}, your ${type} has been sent.${type=="order"}"Your total order costs "+tott(x)+" $":""} We will contact you as soon as posible.`);
    if(type == "order"){
        localStorage.clear();
    }
    location.reload();
}
```

JSON

Plants.json

```
[
  {
    "id": 1,
    "name": "Aloe blizzard",
    "img": {
      "src": [
        "img/card/aloa-blizzard.jpg",
        "img/aloa-blizzard1.png",
        "img/aloa-blizzard2.png"
      ],
      "alt": "Plant aloe blizzard"
    },
    "durability": 3,
    "habitat": [
      1,
      2
    ],
    "species": 1,
    "stock": true,
    "freeShipping": false,
    "price": {
      "discount": "",
      "old": "",
      "new": 14.99
    }
  },
  {
    "id": 2,
    "name": "Aloe juvenna",
    "img": {
      "src": [
```



```
        "img/card/aloe-juvenna.jpg",
        "img/aloe-juvenna1.png"
    ],
    "alt": "Plant aloe juvenna"
},
"durability": 3,
"habitat": [
    2,
    4
],
"species": 1,
"stock": false,
"freeShipping": false,
"price": {
    "discount": 10,
    "old": 30,
    "new": 28.99
}
},
{
    "id": 3,
    "name": "Aloe vera",
    "img": {
        "src": [
            "img/card/aloe-vera.jpg",
            "img/aloe-vera1.png",
            "img/aloe-vera2.png"
        ],
        "alt": "Plant aloe vera"
    },
    "durability": 3,
    "habitat": [
        1,
        2
    ],
    "species": 1,
    "stock": true,
    "freeShipping": false,
    "price": {
        "discount": 25,
        "old": 40.99,
        "new": 29.99
    }
}
},
{
```

```
"id": 4,
"name": "Aralia golden live",
"img": {
  "src": [
    "img/card/aralia-golden-live.jpg",
    "img/aralia-golden-live1.png",
    "img/aralia-golden-live2.png"
  ],
  "alt": "Plant aralia golden live"
},
"durability": 1,
"habitat": [
  1,
  3
],
"species": 3,
"stock": true,
"freeShipping": false,
"price": {
  "discount": "",
  "old": "",
  "new": 18.99
}
},
{
  "id": 5,
  "name": "Calathea faux",
  "img": {
    "src": [
      "img/card/calathea-faux.jpg",
      "img/calathea-faux1.png"
    ],
    "alt": "Plant calathea faux"
  },
  "durability": 1,
  "habitat": [
    1,
    2,
    3
  ],
  "species": 4,
  "stock": true,
  "freeShipping": true,
  "price": {
    "discount": "",
```

```
        "old": "",
        "new": 50
    }
},
{
    "id": 6,
    "name": "Calathea rufibarba",
    "img": {
        "src": [
            "img/card/calathea-rufibarba.jpg",
            "img/calathea-rufibarba1.png",
            "img/calathea-rufibarba2.png"
        ],
        "alt": "Plant calathea rufibarba"
    },
    "durability": 1,
    "habitat": [
        1,
        3
    ],
    "species": 4,
    "stock": true,
    "freeShipping": false,
    "price": {
        "discount": 28,
        "old": 30,
        "new": 21.99
    }
},
{
    "id": 7,
    "name": "Calathea zebrina",
    "img": {
        "src": [
            "img/card/calathea-zebrina.jpg",
            "img/calathea-zebrina1.png",
            "img/calathea-zebrina2.png"
        ],
        "alt": "Plant calathea zebrina"
    },
    "durability": 1,
    "habitat": [
        1,
        3
    ],
}
```

```
"species": 4,  
"stock": true,  
"freeShipping": false,  
"price": {  
  "discount": 20,  
  "old": 40,  
  "new": 33.99  
}  
},  
{  
  "id": 8,  
  "name": "Cereus peruvianus monstrosus",  
  "img": {  
    "src": [  
      "img/card/cereus-peruvianus-monstrosus.jpg",  
      "img/cereus-peruvianus-monstrosus1.png"  
    ],  
    "alt": "Plant cereus peruvianus monstrosus"  
  },  
  "durability": 2,  
  "habitat": [  
    2,  
    4,  
    5  
  ],  
  "species": 2,  
  "stock": false,  
  "freeShipping": false,  
  "price": {  
    "discount": "",  
    "old": "",  
    "new": 34.99  
  }  
},  
{  
  "id": 9,  
  "name": "Cleistocactus brookeae",  
  "img": {  
    "src": [  
      "img/card/cleistocactus-brookeae.jpg",  
      "img/cleistocactus-brookeae1.png"  
    ],  
    "alt": "Plant cleistocactus brookeae"  
  },  
  "durability": 3,
```

```
    "habitat": [
      2,
      4,
      5
    ],
    "species": 2,
    "stock": true,
    "freeShipping": true,
    "price": {
      "discount": 28,
      "old": 28.99,
      "new": 20
    }
  },
  {
    "id": 10,
    "name": "Crassula campfire",
    "img": {
      "src": [
        "img/card/crassula-campfire.jpg",
        "img/crassula-campfire1.png"
      ],
      "alt": "Plant crassula campfire"
    },
    "durability": 1,
    "habitat": [
      2,
      5
    ],
    "species": 5,
    "stock": true,
    "freeShipping": true,
    "price": {
      "discount": 50,
      "old": 39.99,
      "new": 19.99
    }
  },
  {
    "id": 11,
    "name": "Crassula",
    "img": {
      "src": [
        "img/card/crassula.jpg",
        "img/crassula1.png",
```

```

        "img/crassula2.png"
      ],
      "alt": "Plant crassula"
    },
    "durability": 2,
    "habitat": [
      2,
      5
    ],
    "species": 5,
    "stock": true,
    "freeShipping": false,
    "price": {
      "discount": "",
      "old": "",
      "new": 44.99
    }
  },
  {
    "id": 12,
    "name": "Euphorbia trigona",
    "img": {
      "src": [
        "img/card/euphorbia-trigona.jpg",
        "img/euphorbia-trigona1.png"
      ],
      "alt": "Plant euphorbia trigona"
    },
    "durability": 2,
    "habitat": [
      4
    ],
    "species": 2,
    "stock": true,
    "freeShipping": true,
    "price": {
      "discount": "",
      "old": "",
      "new": 33.33
    }
  },
  {
    "id": 13,
    "name": "Calathea guide",
    "img": {

```

```

        "src": [
            "img/card/calathea-guide.jpg",
            "img/calathea-guide1.png"
        ],
        "alt": "Plant calathea guide"
    },
    "durability": 3,
    "habitat": [
        1,
        3
    ],
    "species": 4,
    "stock": true,
    "freeShipping": false,
    "price": {
        "discount": 33,
        "old": 30,
        "new": 20
    }
},
{
    "id": 14,
    "name": "Good luck Jade",
    "img": {
        "src": [
            "img/card/good-luck-Jade.jpg",
            "img/good-luck-Jade1.png",
            "img/good-luck-Jade2.png"
        ],
        "alt": "Plant good luck Jade"
    },
    "durability": 2,
    "habitat": [
        2,
        4
    ],
    "species": 5,
    "stock": true,
    "freeShipping": false,
    "price": {
        "discount": "",
        "old": "",
        "new": 30
    }
},

```

```
{
  "id": 15,
  "name": "Kalanchoe tomentosa",
  "img": {
    "src": [
      "img/card/kalanchoe-tomentosa.jpg",
      "img/kalanchoe-tomentosa1.png",
      "img/kalanchoe-tomentosa2.png"
    ],
    "alt": "Plant kalanchoe tomentosa"
  },
  "durability": 3,
  "habitat": [
    1,
    2,
    3
  ],
  "species": 1,
  "stock": true,
  "freeShipping": false,
  "price": {
    "discount": 40,
    "old": 62.99,
    "new": 39.69
  }
},
{
  "id": 16,
  "name": "Monstera adansonil",
  "img": {
    "src": [
      "img/card/monstera-adansonil.jpg",
      "img/monstera-adansonil1.png",
      "img/monstera-adansonil2.png"
    ],
    "alt": "Plant monstera adansonil"
  },
  "durability": 1,
  "habitat": [
    1,
    3
  ],
  "species": 3,
  "stock": true,
  "freeShipping": true,
```



```
    "price": {
      "discount": "",
      "old": "",
      "new": 23.99
    }
  },
  {
    "id": 17,
    "name": "Opuntia",
    "img": {
      "src": [
        "img/card/opuntia.jpg",
        "img/opuntia1.png"
      ],
      "alt": "Plant opuntia"
    },
    "durability": 3,
    "habitat": [
      2,
      4,
      5
    ],
    "species": 2,
    "stock": true,
    "freeShipping": false,
    "price": {
      "discount": 35,
      "old": 45,
      "new": 30
    }
  },
  {
    "id": 18,
    "name": "Peperomia variagate",
    "img": {
      "src": [
        "img/card/peperomia-variagate.jpg",
        "img/peperomia-variagate1.png",
        "img/peperomia-variagate2.png"
      ],
      "alt": "Plant peperomia variagate"
    },
    "durability": 2,
    "habitat": [
      3,
```

```

        4
    ],
    "species": 3,
    "stock": false,
    "freeShipping": true,
    "price": {
        "discount": "",
        "old": "",
        "new": 18.33
    }
},
{
    "id": 19,
    "name": "Philadendron",
    "img": {
        "src": [
            "img/card/philadendron.jpg",
            "img/philadendron1.png",
            "img/philadendron2.png"
        ],
        "alt": "Plant philadendron"
    },
    "durability": 1,
    "habitat": [
        1,
        2,
        3
    ],
    "species": 3,
    "stock": true,
    "freeShipping": true,
    "price": {
        "discount": 18,
        "old": 30,
        "new": 25.50
    }
},
{
    "id": 20,
    "name": "Satin silver splash",
    "img": {
        "src": [
            "img/card/satin-silver-splash.jpg",
            "img/satin-silver-splash1.png"
        ],

```

```

        "alt": "Plant satin silver splash"
    },
    "durability": 1,
    "habitat": [
        1,
        3
    ],
    "species": 3,
    "stock": true,
    "freeShipping": false,
    "price": {
        "discount": "",
        "old": "",
        "new": 36.99
    }
},
{
    "id": 21,
    "name": "Snake succulent",
    "img": {
        "src": [
            "img/card/snake-succulent.jpg",
            "img/snake-succulent1.png"
        ],
        "alt": "Plant aloa blizzard"
    },
    "durability": 3,
    "habitat": [
        1,
        3
    ],
    "species": 6,
    "stock": true,
    "freeShipping": false,
    "price": {
        "discount": "",
        "old": "",
        "new": 18.99
    }
},
{
    "id": 22,
    "name": "Succulent",
    "img": {
        "src": [

```

```

        "img/card/succulent.jpg",
        "img/succulent1.png",
        "img/succulent2.png"
    ],
    "alt": "Plant succulent"
},
"durability": 2,
"habitat": [
    1,
    2
],
"species": 6,
"stock": true,
"freeShipping": false,
"price": {
    "discount": "50",
    "old": "69",
    "new": 34.50
}
}
]

```

Durability.json

```

[
  {
    "id": 1,
    "value": "annual",
    "Label": "Annual"
  },
  {
    "id": 2,
    "value": "bienial",
    "Label": "Bienial"
  },
  {
    "id": 3,
    "value": "perennial",
    "Label": "Perennial"
  }
]

```

Habitat.json

```

[

```

```
{
  "id":1,
  "Label":"Loose",
  "value":"loose"
},
{
  "id":2,
  "Label":"Sandy ",
  "value":"sandy "
},
{
  "id":3,
  "Label":"Fertilized ",
  "value":"fertilized "
},
{
  "id":4,
  "Label":"Compacted  ",
  "value":"compacted  "
},
{
  "id":5,
  "Label":"Rocky",
  "value":"rocky  "
}
]
```

Species,json

```
[
  {
    "id":1,
    "value":"aloe"
  },
  {
    "id":2,
    "value":"cactus"
  },
  {
    "id":3,
    "value":"philodendreae"
  },
  {
    "id":4,
    "value":"calathea"
  }
]
```

```
    },
    {
      "id":5,
      "value":"crassula"
    },
    {
      "id":6,
      "value":"succulent"
    }
  ]
```

Nav.json

```
[
  {
    "id":1,
    "title":"Home",
    "href":"index.html"
  },
  {
    "id":2,
    "title":"Shop",
    "href":"shop.html"
  },
  {
    "id":3,
    "title":"Contact",
    "href":"contact.html"
  },
  {
    "id":4,
    "title":"Author",
    "href":"author.html"
  }
]
```

Links.json

```
[
  {
    "id":1,
    "href":"js/main.js",
    "class":"fas fa-code",
    "title":" Main.js"
  },
  ],
```

```
{
  "id":2,
  "href":"documentation.pdf",
  "class":"fas fa-file-pdf",
  "title":" Documentation"
},
{
  "id":3,
  "href":"sitemap.xml",
  "class":"fas fa-sitemap",
  "title":" Sitemap"
}
]
```

Select.json

```
[
  {
    "id":1,
    "for": "sort",
    "label":"<i class='fas fa-sort'></i> Sort by:",
    "option":[
      {
        "value":"name-asc",
        "title":"Name ascending"
      },
      {
        "value":"name-desc",
        "title":"Name descending"
      },
      {
        "value":"discount",
        "title":"Most discounted"
      },
      {
        "value":"price-asc",
        "title":"Price ascending"
      },
      {
        "value":"price-desc",
        "title":"Price descending"
      }
    ]
  }
]
```

```
]
},
{
  "id":2,
  "for": "pagination",
  "label":"<i class='fab fa-buromobelexperte'></i> Pagination:",
  "option":[
    {
      "value":"6",
      "title":"Six product per page"
    },
    {
      "value":"12",
      "title":"Twelve product per page"
    }
  ]
}
]
```

Slide.json

```
[
  {
    "id":1,
    "img":{
      "src":"url(assets/img/slajd1.jpg)"
    }
  },
  {
    "id":2,
    "img":{
      "src":"url(assets/img/slajd2.jpg)"
    }
  },
  {
    "id":3,
    "img":{
      "src":"url(assets/img/slajd3.jpg)"
    }
  }
]
```


XML

Sitemap.xml

```
<urlset xmlns="http://www.sitemaps.org/schemap/0.9">
<url>
<loc>https://miljana20.github.io/PlantPlanet/index.html</loc>
<lastmod>2022-03-03</lastmod>
<changefreq>daily</changefreq>
<priority>1</priority>
</url>
<url>
<loc>https://miljana20.github.io/PlantPlanet/assets/shop.html</loc>
<lastmod>2022-03-03</lastmod>
<changefreq>daily</changefreq>
<priority>1</priority>
</url>
<url>
<loc>https://miljana20.github.io/PlantPlanet/assets/contact.html</loc>
<lastmod>2022-03-03</lastmod>
<changefreq>yearly</changefreq>
<priority>0.5</priority>
</url>
<url>
<loc>https://miljana20.github.io/PlantPlanet/assets/author.html</loc>
<lastmod>2022-03-03</lastmod>
<changefreq>yearly</changefreq>
<priority>0.5</priority>
</url>
</urlset>
```