Dokumentacija

„Web programiranje 2"

lassie.infinityfreeapp.com/

Nikolina Pivalica 9/17

Mart 2021

Sadržaj

1. Uvod

1.1. Korišćeni programski jezici

Pri izradi ovog projekta korišćeni su:

- HTML5
- CSS3
- JavaScript
- jQuery - JavaScript biblioteka
- Animate On Scroll – JavaScript biblioteka
- JSON
- AJAX
- Bootstrap

Projekat je izrađen u okruženju Visual Studio Code. Slike su obrađene za web u GNU Image Manipulation Program-u. Korišćeni Bootstrap je dodatno stilozovan.

1.2. Opis funkcionalnosti

1.2.1. Zajedničko za sve stranice
- Sajt je responsive.
- Dinamički ispisana navigacija, sadržaj footer-a

1.2.2. index.html
- Dinamički ispisane kategorije
- Dinamički ispisane kartice sa sadržajem biljaka
- Iskorišćena Animate On Scroll biblioteka

1.2.3. contact.html
- Validacija podataka unetih u formu
- Obrada grešaka i ispisivanje istih u namenjenom polju
- Notifikacija da su uspešno poslati podaci

1.2.4. cart.html
- Prikazani podaci iz Local Storage-a

1.2.5. author.html
- Podaci o autoru

1.2.3. Template

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="This is the author of this site.">
    <meta name="author" content="mailto:nikolina.uzelac.9.17@ict.edu.rs">
    <meta name="keywords" content="web developer, author, content writer, web disegner">
    <meta name="robots" content="noindex,follow">
    <title>Lassie Greenhouse - Cart</title>
    <!-- Favicons -->
    <link href="assets/img/favicon.ico" rel="icon">
    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
    <!-- Google Fonts -->
    <link
    href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
    <!-- Animate on scroll -->
    <link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet">
    <!-- Bootstrap core CSS -->
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <!-- Vendor CSS Files -->
    <link href="assets/vendor/icofont/icofont.min.css" rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
    <!-- Custom styles for this template -->
    <link href="assets/css/style.css" rel="stylesheet">
</head>
<body>
    <!-- Navigation -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top">
        <div class="container">
            <a class="navbar-brand logo" href="index.html"><img src="assets/img/logo.png"
                    alt="Logo picture for Lassie greenhouse"></a>
            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarResponsive"
                aria-controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarResponsive">
            </div>
```

```html
        </div>
    </nav>        <footer id="footer">

        <div class="container">
            <h3>Lassie</h3>
            <div class="social-links">
            </div>
            <div class="copyright">
                &copy; Copyright <strong><span>Lassie</span></strong>. All Rights
 Reserved
            </div>
            <div class="credits">
                Designed by <a href="author.html">Nikolina Pivalica</a>
            </div>
            <span id="credit">
            </span>
        </div>
    </footer><!-- End Footer -->

    <!-- Bootstrap core JavaScript -->
    <script src="assets/vendor/jquery/jquery.min.js"></script>
    <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!--  Main JS File -->
    <script src="assets/js/script.js"></script>
    <script src="assets/js/cart.js"></script>
    <script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>
</body>
</html>
```
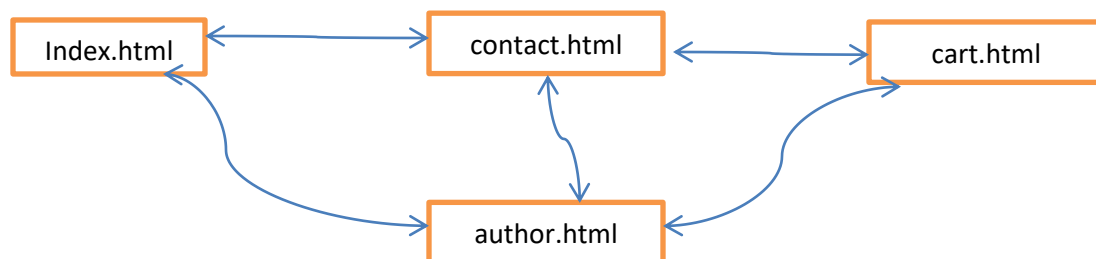
2. Organizacija

2.1. Organizaciona šema

2.2. Sitemap

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
  <loc>http://lassie.infinityfreeapp.com/index.html</loc>
  <lastmod>2021-03-10</lastmod>
  <changefreq>daily</changefreq>
  <priority>1</priority>
</url>
<url>
  <loc>http://lassie.infinityfreeapp.com/contact.html</loc>
  <lastmod>2021-03-10</lastmod>
  <changefreq>weekly</changefreq>
  <priority>0.90</priority>
</url>
<url>
  <loc>http://lassie.infinityfreeapp.com/cart.html</loc>
  <lastmod>2021-03-10</lastmod>
  <changefreq>monthly</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>http://lassie.infinityfreeapp.com/author.html</loc>
  <lastmod>2021-03-10</lastmod>
  <changefreq>yearly</changefreq>
  <priority>0.60</priority>
</url>
</urlset>
```

2.3. Slike stranica

2.3.1. index.html

2.3.2. contact.html

2.3.3. author.html

2.3.4. cart.html

2.3.5. Organizacija foldera

3. Kodovi

3.1. index.html

```
<!DOCTYPE html>
<html lang="en">

<head>
```

```html
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
    <meta name="description" content="This is the landing page of a site dedicate
d to developing Lassie greenhouse.">
    <meta name="author" content="mailto:nikolina.uzelac.9.17@ict.edu.rs">
    <meta name="keywords" content="plants, nature, interior design, landscape">
    <meta name="robots" content="noindex,follow">

    <title>Lassie Greenhouse - Index</title>

    <!-- Favicons -->
    <link href="assets/img/favicon.ico" rel="icon">
    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
    <!-- Google Fonts -->
    <link
        href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i
,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:3
00,300i,400,400i,500,500i,600,600i,700,700i"
        rel="stylesheet">
    <!-- Animate on scroll -->
    <link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet">

    <!-- Bootstrap core CSS -->
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <!-- Vendor CSS Files -->
    <link href="assets/vendor/icofont/icofont.min.css" rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">

    <!-- Custom styles for this template -->
    <link href="assets/css/style.css" rel="stylesheet">

</head>

<body>
    <!-- Navigation -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top">
        <div class="container">
            <a class="navbar-
brand logo" href="index.html"><img src="assets/img/logo.png"
                alt="Logo picture for Lassie greenhouse"></a>
            <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarResponsive"
```

```html
                    aria-controls="navbarResponsive" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarResponsive">
            </div>
        </div>
    </nav>


    <!-- Page Content -->
    <div class="container">

        <div class="row">

            <div class="col-lg-3">

                <h1 class="my-4 logo">Lassie Greenhouse Shop</h1>
                <section>
                    <div class="section-title">
                        <h2>Categories</h2>
                    </div>
                    <div class="list-group" id="categories"></div>
                </section>
                <section>
                    <div class="section-title">
                        <h2></h2>
                    </div>
                    <div class="list-group">
                        <form>
                            <input type="text" placeholder="Search for plants by
name..." class="form-control"
                                id="searchPlants" />
                        </form>
                    </div>
                </section>
                <section>
                    <div class="section-title">
                        <h2></h2>
                    </div>
                    <div class="list-group">
                        <a href="#" class="list-group-
item" id="cenaSort">Sort by price - highest to lowest</a>
                    </div>
                </section>
```
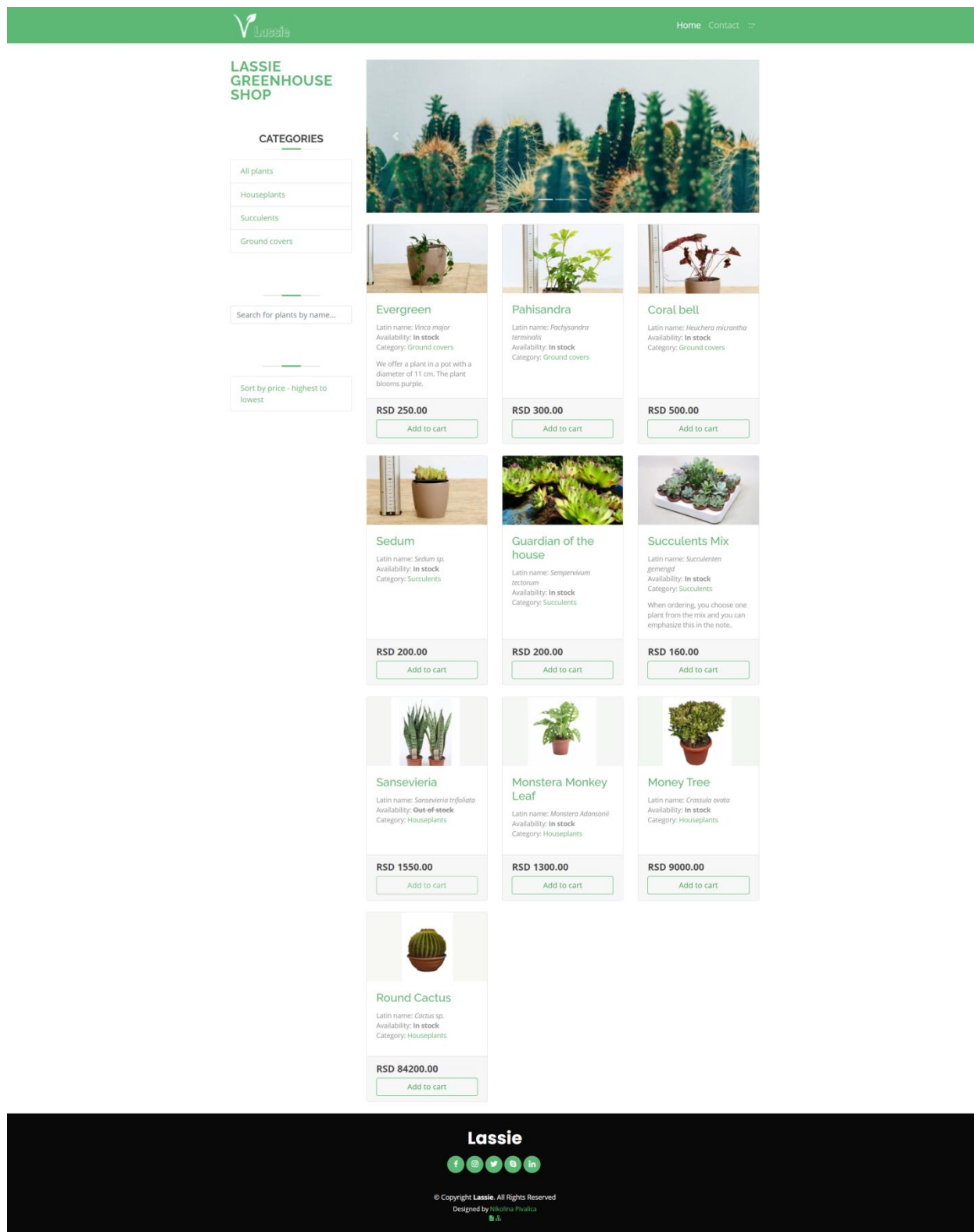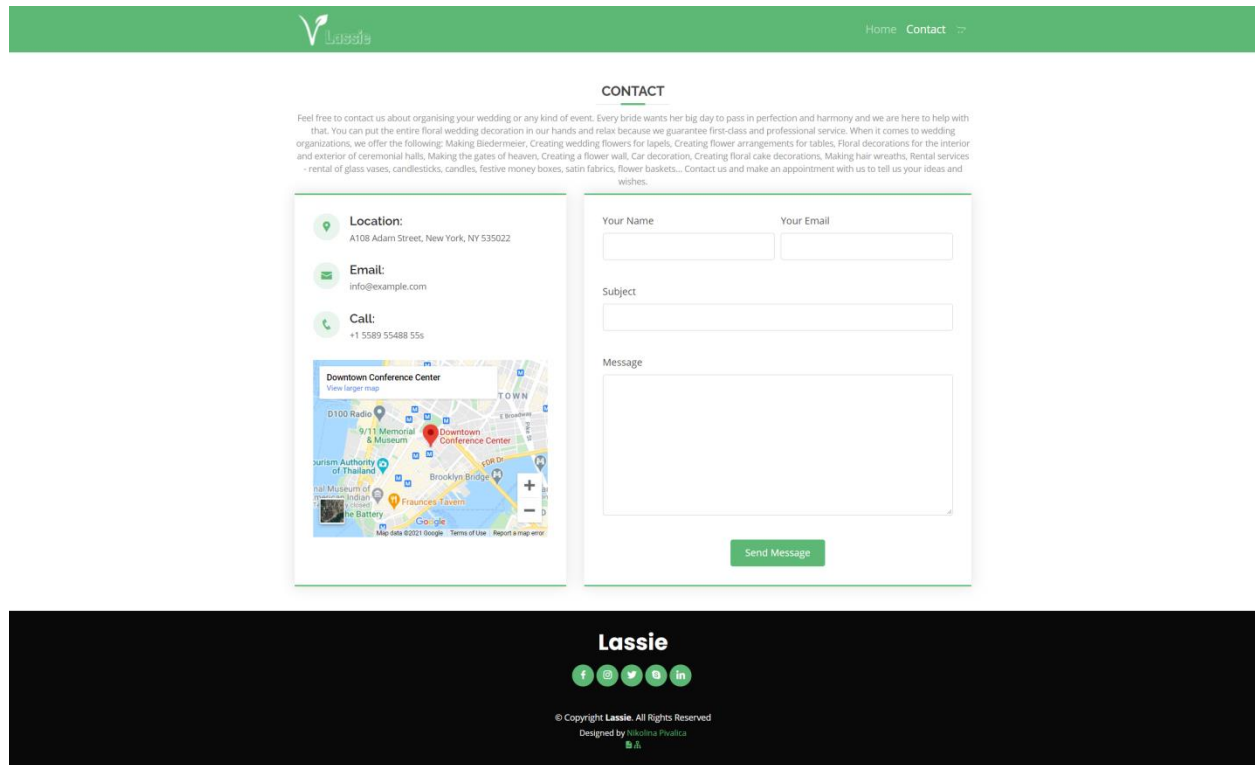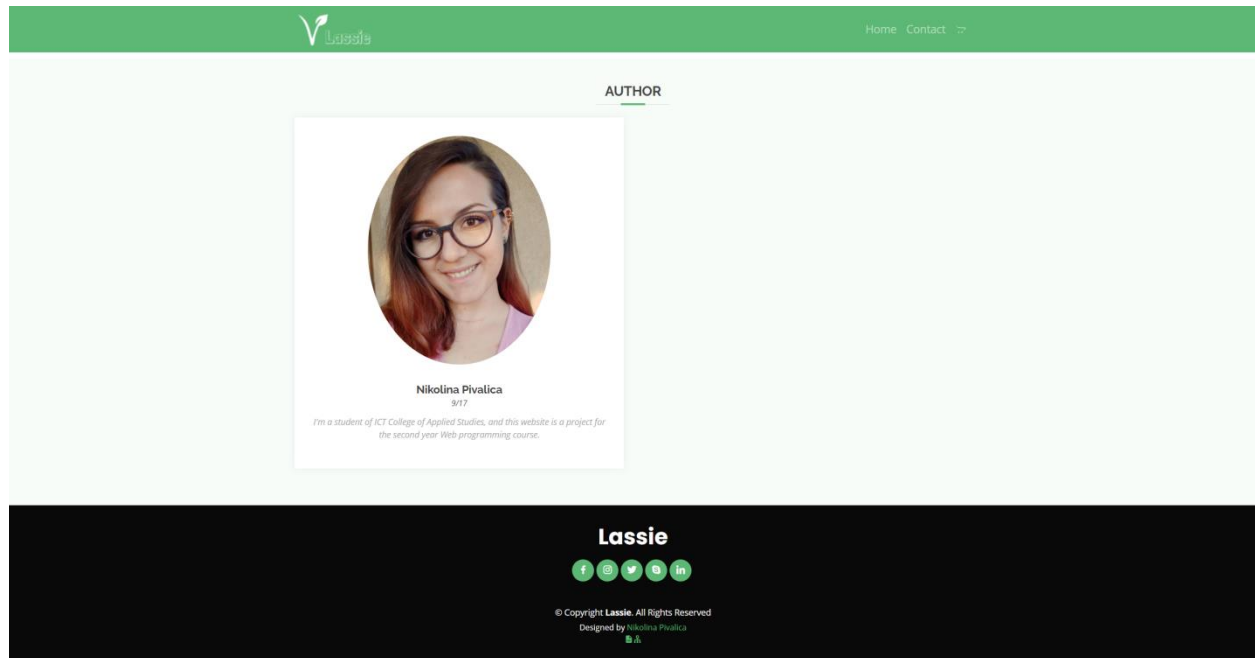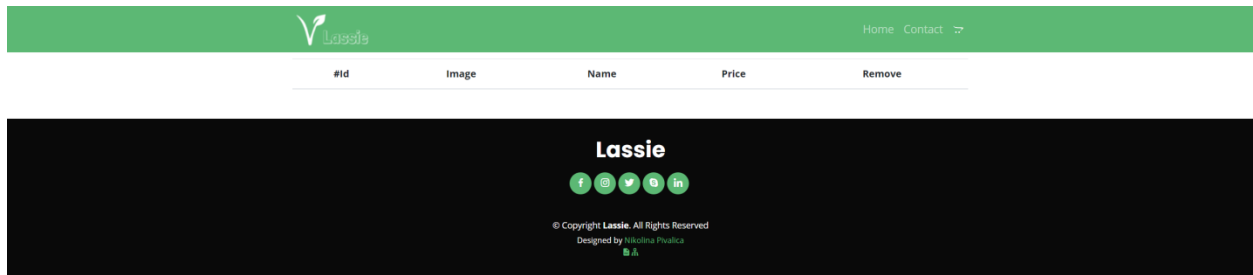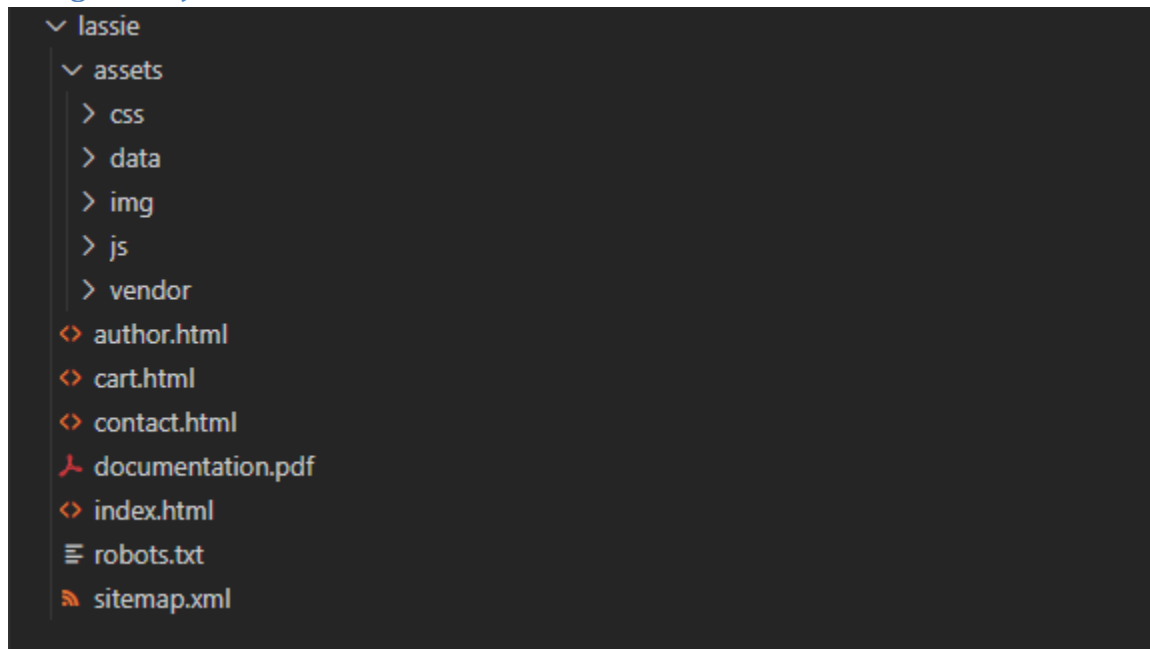
```html
            </div>
            <!-- /.col-lg-3 -->

            <div class="col-lg-9">

                <div id="carouselExampleIndicators" class="carousel slide my-4" data-ride="carousel">
                    <ol class="carousel-indicators">
                        <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
                        <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
                        <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
                    </ol>
                    <div class="carousel-inner" role="listbox">
                        <div class="carousel-item active">
                            <img class="d-block img-fluid"
                                src="assets/img/carousel/thomas-verbruggen-5A06OWU6Wuc-unsplash.jpg" alt="First slide">
                        </div>
                        <div class="carousel-item">
                            <img class="d-block img-fluid"
                                src="assets/img/carousel/prudence-earl-NwBx723XaHw-unsplash.jpg" alt="Second slide">
                        </div>
                        <div class="carousel-item">
                            <img class="d-block img-fluid"
                                src="assets/img/carousel/jackie-dilorenzo-RyLsRzy9jIA-unsplash.jpg" alt="Third slide">
                        </div>
                    </div>
                    <a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">
                        <span class="carousel-control-prev-icon" aria-hidden="true"></span>
                        <span class="sr-only">Previous</span>
                    </a>
                    <a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-slide="next">
                        <span class="carousel-control-next-icon" aria-hidden="true"></span>
                        <span class="sr-only">Next</span>
                    </a>
                </div>
```

```html
                <div class="row" id="plants"></div>
                <!-- /.row -->

            </div>
            <!-- /.col-lg-9 -->

        </div>
        <!-- /.row -->

    </div>
    <div id="feedback" class="text-danger"></div>
    <!-- /.container -->
    <footer id="footer">
        <div class="container">
            <h3>Lassie</h3>
            <div class="social-links">
            </div>
            <div class="copyright">
                &copy; Copyright <strong><span>Lassie</span></strong>. All Rights
 Reserved
            </div>
            <div class="credits">
                Designed by <a href="author.html">Nikolina Pivalica</a>
            </div>
            <span id="credit">
            </span>
        </div>
    </footer><!-- End Footer -->

    <!-- Bootstrap core JavaScript -->
    <script src="assets/vendor/jquery/jquery.min.js"></script>
    <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!--  Main JS File -->
    <script src="assets/js/script.js"></script>
    <script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>


</body>

</html>
```

3.2. contact.html

```html
<!DOCTYPE html>
<html lang="en">
```

```html
<head>

    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
    <meta name="description" content="This is the contact page of this site with
a map of the greenhouse.">
    <meta name="author" content="mailto:nikolina.uzelac.9.17@ict.edu.rs">
    <meta name="keywords" content="map, contact, inquiry, mail, message">
    <meta name="robots" content="noindex,follow">

    <title>Lassie Greenhouse - Contact</title>

    <!-- Favicons -->
    <link href="assets/img/favicon.ico" rel="icon">
    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
    <!-- Google Fonts -->
    <link
        href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i
,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:3
00,300i,400,400i,500,500i,600,600i,700,700i"
        rel="stylesheet">
    <!-- Animate on scroll -->
    <link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet">

    <!-- Bootstrap core CSS -->
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <!-- Vendor CSS Files -->
    <link href="assets/vendor/icofont/icofont.min.css" rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">

    <!-- Custom styles for this template -->
    <link href="assets/css/style.css" rel="stylesheet">

</head>

<body>
    <!-- Navigation -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top">
        <div class="container">
            <a class="navbar-
brand logo" href="index.html"><img src="assets/img/logo.png"
                    alt="Logo picture for Lassie greenhouse"></a>
```

```html
            <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarResponsive"
                aria-controls="navbarResponsive" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarResponsive">
            </div>
        </div>
    </nav>
    <main>
        <section id="contact" class="contact">
            <div class="container">

                <div class="section-title">
                    <h2>Contact</h2>
                    <p>Feel free to contact us about organising your wedding or a
ny kind of event. Every bride wants her
                        big day to pass in perfection and harmony and we are here
 to help with that. You can put the
                        entire floral wedding decoration in our hands and relax b
ecause we guarantee first-class and
                        professional service. When it comes to wedding organizati
ons, we offer the following:

                        Making Biedermeier,
                        Creating wedding flowers for lapels,
                        Creating flower arrangements for tables,
                        Floral decorations for the interior and exterior of cerem
onial halls,
                        Making the gates of heaven,
                        Creating a flower wall,
                        Car decoration,
                        Creating floral cake decorations,
                        Making hair wreaths,
                        Rental services -
 rental of glass vases, candlesticks, candles, festive money boxes, satin
                        fabrics, flower baskets…
                        Contact us and make an appointment with us to tell us you
r ideas and wishes.</p>
                </div>

                <div class="row">

                    <div class="col-lg-5 d-flex align-items-stretch">
```

```
                    <div class="info">
                        <div class="address">
                            <i class="icofont-google-map"></i>
                            <h4>Location:</h4>
                            <p>A108 Adam Street, New York, NY 535022</p>
                        </div>

                        <div class="email">
                            <i class="icofont-envelope"></i>
                            <h4>Email:</h4>
                            <p>info@example.com</p>
                        </div>

                        <div class="phone">
                            <i class="icofont-phone"></i>
                            <h4>Call:</h4>
                            <p>+1 5589 55488 55s</p>
                        </div>

                        <iframe
                            src="https://www.google.com/maps/embed?pb=!1m14!1
m8!1m3!1d12097.433213460943!2d-
74.0062269!3d40.7101282!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x0%3A0xb89d1fe6bc49944
3!2sDowntown+Conference+Center!5e0!3m2!1smk!2sbg!4v1539943755621"
                            frameborder="0" style="border:0; width: 100%; hei
ght: 290px;" allowfullscreen></iframe>
                    </div>

                </div>

                <div class="col-lg-7 mt-5 mt-lg-0 d-flex align-items-
stretch">
                    <form action="#" method="post" role="form" class="php-
email-form" id="formaSignup">
                        <div class="form-row">
                            <div class="form-group col-md-6">
                                <label for="name">Your Name</label>
                                <input type="text" name="name" class="form-
control" id="name" />

                                <p id="name-error"></p>
                            </div>
                            <div class="form-group col-md-6">
                                <label for="name">Your Email</label>
                                <input type="email" class="form-
control" name="email" id="email" />
```

```html
                                    <p id="email-error"></p>
                                </div>
                            </div>
                            <div class="form-group">
                                <label for="name">Subject</label>
                                <input type="text" class="form-
control" name="subject" id="subject" />
                                <p id="subject-error"></p>
                            </div>
                            <div class="form-group">
                                <label for="name">Message</label>
                                <textarea class="form-
control" name="message" rows="10"></textarea>
                                <p id="taError"></p>
                            </div>
                            <div class="text-
center"><button id="submit" type="submit">Send Message</button></div>
                        </form>
                    </div>

                </div>

            </div>
        </section>
        <div id="feedback" class="text-danger"></div>
        <!-- End Contact Section -->
    </main id="main">
    <footer id="footer">
        <div class="container">
            <h3>Lassie</h3>
            <div class="social-links"></div>
            <div class="copyright">
                &copy; Copyright <strong><span>Lassie</span></strong>. All Rights
 Reserved
            </div>
            <div class="credits">
                Designed by <a href="author.html">Nikolina Pivalica</a>
            </div>
            <span id="credit"></span>
        </div>
    </footer>
    <!-- End Footer -->


    <!-- Bootstrap core JavaScript -->
```

```html
    <script src="assets/vendor/jquery/jquery.min.js"></script>
    <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!-- Main JS File -->
    <script src="assets/js/contact.js"></script>
    <script src="assets/js/script.js"></script>
    <script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>



</body>

</html>
```

3.3. author.html

```html
<!DOCTYPE html>
<html lang="en">

<head>

    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
    <meta name="description" content="This is the author of this site.">
    <meta name="author" content="mailto:nikolina.uzelac.9.17@ict.edu.rs">
    <meta name="keywords" content="web developer, author, content writer, web dis
egner">
    <meta name="robots" content="noindex,follow">

    <title>Lassie Greenhouse - Author</title>

    <!-- Favicons -->
    <link href="assets/img/favicon.ico" rel="icon">
    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
    <!-- Google Fonts -->
    <link
        href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,
600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:30
0,300i,400,400i,500,500i,600,600i,700,700i"
        rel="stylesheet">

    <!-- Bootstrap core CSS -->
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <!-- Vendor CSS Files -->
    <link href="assets/vendor/icofont/icofont.min.css" rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
```

```html
    <!-- Custom styles for this template -->
    <link href="assets/css/style.css" rel="stylesheet">

    </head>

    <body>
        <!-- Navigation -->
        <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top">
            <div class="container">
                <a class="navbar-
brand logo" href="index.html"><img src="assets/img/logo.png"
                        alt="Logo picture for Lassie greenhouse"></a>
                <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarResponsive"
                    aria-controls="navbarResponsive" aria-expanded="false" aria-
label="Toggle navigation">
                    <span class="navbar-toggler-icon"></span>
                </button>
                <div class="collapse navbar-collapse" id="navbarResponsive">
                </div>
            </div>
        </nav>

        <!-- Page Content -->
<section id="team" class="team section-bg">
    <div class="container">

        <div class="section-title">
            <h2>Author</h2>
        </div>

        <div class="row">
            <div class="col-lg-6 col-md-12 d-flex align-items-center">
                <div class="member ">
                    <img src="assets/img/author.jpg" alt="Author of the site">
                    <h4>Nikolina Pivalica</h4>
                    <span>9/17</span>
                    <p>I'm a student of ICT College of Applied Studies, and this
website is a project for the second year Web programming course. </p>
                </div>
            </div>
        </div>

    </div>
```

```html
</section><!-- End Team Section -->


    <footer id="footer">
        <div class="container">
            <h3>Lassie</h3>
            <div class="social-links">
            </div>
            <div class="copyright">
                &copy; Copyright <strong><span>Lassie</span></strong>. All Rights
 Reserved
            </div>
            <div class="credits">
                Designed by <a href="author.html">Nikolina Pivalica</a>
            </div>
            <span id="credit">
            </span>
        </div>
    </footer><!-- End Footer -->

    <!-- Bootstrap core JavaScript -->
    <script src="assets/vendor/jquery/jquery.min.js"></script>
    <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!--  Main JS File -->
    <script src="assets/js/script.js"></script>
    <script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>


    </body>

    </html>
```

3.4. cart.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
    <meta name="description" content="This is the author of this site.">
    <meta name="author" content="mailto:nikolina.uzelac.9.17@ict.edu.rs">
    <meta name="keywords" content="web developer, author, content writer, web dis
egner">
    <meta name="robots" content="noindex,follow">
    <title>Lassie Greenhouse - Cart</title>
```

```html
    <!-- Favicons -->
    <link href="assets/img/favicon.ico" rel="icon">
    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
    <!-- Google Fonts -->
    <link
    href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600
,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,3
00i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
    <!-- Animate on scroll -->
    <link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet">
    <!-- Bootstrap core CSS -->
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
    <!-- Vendor CSS Files -->
    <link href="assets/vendor/icofont/icofont.min.css" rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
    <!-- Custom styles for this template -->
    <link href="assets/css/style.css" rel="stylesheet">
</head>
<body>
    <!-- Navigation -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top">
        <div class="container">
            <a class="navbar-
brand logo" href="index.html"><img src="assets/img/logo.png"
                    alt="Logo picture for Lassie greenhouse"></a>
            <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarResponsive"
                aria-controls="navbarResponsive" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarResponsive">
            </div>
        </div>
    </nav>
    <!-- Page Content -->
    <div class="container  table-responsive text-nowrap">
        <table class="table marginTop table-hover mb-5">
            <thead>
                <tr class='text-center'>
                    <th scope="col">#Id</th>
                    <th scope="col">Image</th>
                    <th scope="col">Name</th>
                    <th scope="col">Price</th>
                    <th scope="col">Remove</th>
```

```html
                </tr>
            </thead>
            <tbody id="fromLocalStorage">

            </tbody>
        </table>
    </div>
    <footer id="footer">
        <div class="container">
            <h3>Lassie</h3>
            <div class="social-links">
            </div>
            <div class="copyright">
                &copy; Copyright <strong><span>Lassie</span></strong>. All Rights
 Reserved
            </div>
            <div class="credits">
                Designed by <a href="author.html">Nikolina Pivalica</a>
            </div>
            <span id="credit">
            </span>
        </div>
    </footer><!-- End Footer -->

    <!-- Bootstrap core JavaScript -->
    <script src="assets/vendor/jquery/jquery.min.js"></script>
    <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!--  Main JS File -->
    <script src="assets/js/script.js"></script>
    <script src="assets/js/cart.js"></script>
    <script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>
</body>
</html>
```

3.5. style.css

```css
/*--------------------------------------------------------------
# General
--------------------------------------------------------------*/
body {
    padding-top: 86px;
    font-family: "Open Sans", sans-serif;
    color: #444444;
}
```

```css
a, span.catName {
    color: #5cb874;
}

a:hover {
    color: #80c792;
    text-decoration: none;
}

h1,
h2,
h3,
h4{
    font-family: "Raleway", sans-serif;
}
.logo {
    font-size: 30px;
    margin: 0;
    padding: 0;
    line-height: 1;
    font-weight: 700;
    letter-spacing: 1px;
    text-transform: uppercase;
    color: #5cb874;
}


/*----------------------------------------------------------
# Navigation Menu
----------------------------------------------------------*/
/* Desktop Navigation */
.bg-dark {
    background-color: #5cb874!important;
}

a.nav-link {
    display: block;
    position: relative;
    color: #222222;
    transition: 0.3s;
    font-size: 18px;
    font-family: "Open Sans", sans-serif;
}

.nav-item a:hover,
```

```css
.nav-item .active>a,
.nav-item li:hover>a {
    color: #5cb874;
}




/*----------------------------------------------------------
# Sections General & Cards general
----------------------------------------------------------*/
section {
    padding: 40px 0;
}

.section-bg {
    background-color: #f8fcf9;
}

.section-title {
    text-align: center;
    padding-bottom: 10px;
}

.section-title h2 {
    font-size: 22px;
    font-weight: bold;
    text-transform: uppercase;
    margin-bottom: 10px;
    padding-bottom: 10px;
    position: relative;
}

.section-title h2::before {
    content: '';
    position: absolute;
    display: block;
    width: 120px;
    height: 1px;
    background: #ddd;
    bottom: 1px;
    left: calc(50% - 60px);
}

.section-title h2::after {
    content: '';
```

```css
    position: absolute;
    display: block;
    width: 40px;
    height: 3px;
    background: #5cb874;
    bottom: 0;
    left: calc(50% - 20px);
}

.section-title p, .card p {
    margin-bottom: 0;
    font-size: 14px;
    color: #919191;
}
.card-text {
    margin-top: 1em;
}
/*-----------------------------------------------------------
# Author
-----------------------------------------------------------*/

.team .member {
    text-align: center;
    margin-bottom: 20px;
    box-shadow: 0px 0px 12px 0px rgba(34, 34, 34, 0.07);
    padding: 30px 20px;
    background: #fff;
}

.team .member img {
    max-width: 60%;
    border-radius: 50%;
    margin: 0 0 30px 0;
}

.team .member h4 {
    font-weight: 700;
    margin-bottom: 2px;
    font-size: 18px;
}

.team .member span {
    font-style: italic;
    display: block;
    font-size: 13px;
```

```css
}

.team .member p {
    padding-top: 10px;
    font-size: 14px;
    font-style: italic;
    color: #aaaaaa;
}


/*----------------------------------------------------------
# Contact
----------------------------------------------------------*/
.contact .info {
    border-top: 3px solid #5cb874;
    border-bottom: 3px solid #5cb874;
    padding: 30px;
    background: #fff;
    width: 100%;
    box-shadow: 0 0 24px 0 rgba(0, 0, 0, 0.12);
}

.contact .info i {
    font-size: 20px;
    color: #5cb874;
    float: left;
    width: 44px;
    height: 44px;
    background: #eaf6ed;
    display: flex;
    justify-content: center;
    align-items: center;
    border-radius: 50px;
    transition: all 0.3s ease-in-out;
}

.contact .info h4 {
    padding: 0 0 0 60px;
    font-size: 20px;
    font-weight: 600;
    margin-bottom: 5px;
    color: #222222;
}

.contact .info p {
```

```css
    padding: 0 0 10px 60px;
    margin-bottom: 20px;
    font-size: 14px;
    color: #555555;
}

.contact .info .social-links {
    padding-left: 60px;
}

.contact .info .social-links a {
    font-size: 18px;
    display: inline-block;
    background: #333;
    color: #fff;
    line-height: 1;
    padding: 8px 0;
    border-radius: 50%;
    text-align: center;
    width: 36px;
    height: 36px;
    transition: 0.3s;
    margin-right: 10px;
}

.contact .info .social-links a:hover {
    background: #5cb874;
    color: #fff;
}

.contact .info .email:hover i,
.contact .info .address:hover i,
.contact .info .phone:hover i {
    background: #5cb874;
    color: #fff;
}

.contact .php-email-form {
    width: 100%;
    border-top: 3px solid #5cb874;
    border-bottom: 3px solid #5cb874;
    padding: 30px;
    background: #fff;
    box-shadow: 0 0 24px 0 rgba(0, 0, 0, 0.12);
}
```

```css
.contact .php-email-form .form-group {
    padding-bottom: 8px;
}

.contact .php-email-form .validate {
    display: none;
    color: red;
    margin: 0 0 15px 0;
    font-weight: 400;
    font-size: 13px;
}

.contact .php-email-form .error-message {
    display: none;
    color: #fff;
    background: #ed3c0d;
    text-align: left;
    padding: 15px;
    font-weight: 600;
}

.contact .php-email-form .error-message br+br {
    margin-top: 25px;
}

.contact .php-email-form .sent-message {
    display: none;
    color: #fff;
    background: #18d26e;
    text-align: center;
    padding: 15px;
    font-weight: 600;
}

.contact .php-email-form .loading {
    display: none;
    background: #fff;
    text-align: center;
    padding: 15px;
}

.contact .php-email-form .loading:before {
    content: "";
    display: inline-block;
```

```css
    border-radius: 50%;
    width: 24px;
    height: 24px;
    margin: 0 10px -6px 0;
    border: 3px solid #18d26e;
    border-top-color: #eee;
    -webkit-animation: animate-loading 1s linear infinite;
    animation: animate-loading 1s linear infinite;
}

.contact .php-email-form input,
.contact .php-email-form textarea {
    border-radius: 0;
    box-shadow: none;
    font-size: 14px;
    border-radius: 4px;
}

.contact .php-email-form input:focus,
.contact .php-email-form textarea:focus {
    border-color: #5cb874;
}

.contact .php-email-form input {
    height: 44px;
}

.contact .php-email-form textarea {
    padding: 10px 12px;
}

.contact .php-email-form button[type="submit"] {
    background: #5cb874;
    border: 0;
    padding: 10px 24px;
    color: #fff;
    transition: 0.4s;
    border-radius: 4px;
}

.contact .php-email-form button[type="submit"]:hover {
    background: #6ec083;
}

@-webkit-keyframes animate-loading {
```

```css
    0% {
        transform: rotate(0deg);
    }

    100% {
        transform: rotate(360deg);
    }
}

@keyframes animate-loading {
    0% {
        transform: rotate(0deg);
    }

    100% {
        transform: rotate(360deg);
    }
}

/*--------------------------------------------------------
# Footer
--------------------------------------------------------*/
#footer {
    background: #090909;
    color: #fff;
    font-size: 14px;
    text-align: center;
    padding: 30px 0;
}

#footer h3 {
    font-size: 36px;
    font-weight: 700;
    color: #fff;
    position: relative;
    font-family: "Poppins", sans-serif;
    padding: 0;
    margin: 0 0 15px 0;
}

#footer p {
    font-size: 15;
    font-style: italic;
    padding: 0;
    margin: 0 0 40px 0;
```

```css
}

#footer .social-links {
    margin: 0 0 40px 0;
}

#footer .social-links a {
    font-size: 18px;
    display: inline-block;
    background: #5cb874;
    color: #fff;
    line-height: 1;
    padding: 8px 0;
    margin-right: 4px;
    border-radius: 50%;
    text-align: center;
    width: 36px;
    height: 36px;
    transition: 0.3s;
}

#footer .social-links a:hover {
    background: #449d5b;
    color: #fff;
    text-decoration: none;
}

#footer .copyright {
    margin: 0 0 5px 0;
}

#footer .credits {
    font-size: 13px;
}
```

3.6. socialNetworks.json

```json
[
    {
        "href": "https://www.facebook.com",
        "class": "facebook",
        "icon": "<i class='bx bxl-facebook'></i>"
    },
    {
        "href": "https://www.instagram.com/",
```

```json
        "class": "instagram",
        "icon": "<i class='bx bxl-instagram'></i>"
    },
    {

        "href": "https://twitter.com",
        "class": "twitter",
        "icon": "<i class='bx bxl-twitter'></i>"
    },
    {

        "href": "https://www.skype.com",
        "class": "skype",
        "icon" : "<i class='bx bxl-skype'></i>"
    },
    {

        "href": "https://www.linkedin.com",
        "class": "linkedin",
        "icon": "<i class='bx bxl-linkedin'></i>"
    }
]
```

3.7. plants.json

```json
[
    {
        "id" : 1,
        "name" : "Evergreen",
        "price" : "250.00",
        "latinName" : "Vinca major",
        "available" : true,
        "category": {
            "id": 3,
            "name": "Ground covers"
        },
        "description" : "We offer a plant in a pot with a diameter of 11 cm. The
plant blooms purple.",
        "weight": 0.25,
        "dimensions":null,
        "image": {
            "src" : "SAL_5147.jpg",
            "alt" : "Evergreen"
        }
    },
    {
        "id": 2,
        "name": "Pahisandra",
```

```json
        "price": "300.00",
        "latinName": "Pachysandra terminalis",
        "available": true,
        "category": {
            "id": 3,
            "name": "Ground covers"
        },
        "description": null,
        "weight": 0.35,
        "dimensions":null,
        "image": {
            "src": "SAL_5249.jpg",
            "alt": "Pahisandra"
        }
    },
    {

        "id": 3,
        "name": "Coral bell",
        "price": "500.00",
        "latinName": "Heuchera micrantha",
        "available": true,
        "category": {
            "id": 3,
            "name": "Ground covers"
        },
        "description": null,
        "weight": 0.41,
        "dimensions":null,
        "image": {
            "src": "SAL_5206.jpg",
            "alt": "Hojhera"
        }
    },
    {
        "id": 4,
        "name": "Sedum",
        "price": "200.00",
        "latinName": "Sedum sp.",
        "available": true,
        "category": {
            "id": 2,
            "name": "Succulents"
        },
        "description": null,
        "weight": 0.3,
```

```json
        "dimensions":null,
        "image": {
            "src": "SAL_5205.jpg",
            "alt": "Sedum"
        }
    },
    {
        "id": 5,
        "name": "Guardian of the house",
        "price": "200.00",
        "latinName": "Sempervivum tectorum",
        "available": true,
        "category": {
            "id": 2,
            "name": "Succulents"
        },
        "description": null,
        "weight": 0.31,
        "dimensions":10,
        "image": {
            "src": "cuvarkuca.jpg",
            "alt": "Cuvarkuca"
        }
    },
    {
        "id": 6,
        "name": "Succulents Mix",
        "price": "160.00",
        "latinName": "Succulenten gemengd",
        "available": true,
        "category": {
            "id": 2,
            "name": "Succulents"
        },
        "description": "When ordering, you choose one plant from the mix and you
can emphasize this in the note.",
        "weight": 0.1,
        "dimensions": null,
        "image": {
            "src": "suculente.jpg",
            "alt": "Succulents"
        }
    },
    {
        "id": 7,
```

```json
        "name": "Sansevieria ",
        "price": "1550.00",
        "latinName":  "Sansevieria trifoliata",
        "available": false,
        "category": {
            "id": 1,
            "name": "Houseplants"
        },
        "description": null,
        "weight": 2.5,
        "dimensions": 75,
        "image": {
            "src": "sanseve.jpg",
            "alt": "Mother-in-law's tongue"
        }
    },
    {
        "id": 8,
        "name": "Monstera Monkey Leaf",
        "price": "1300.00",
        "latinName": "Monstera Adansonii",
        "available": true,
        "category": {
            "id": 1,
            "name": "Houseplants"
        },
        "description": null,
        "weight": 0.5,
        "dimensions": null,
        "image": {
            "src": "Monstera-obliqua.jpg",
            "alt": "Monstera"
        }
    },
    {
        "id": 9,
        "name": "Money Tree",
        "price": "9000.00",
        "latinName": "Crassula ovata",
        "available": true,
        "category": {
            "id": 1,
            "name": "Houseplants"
        },
        "description": null,
```

```json
        "weight": 3,
        "dimensions": 30,
        "image": {
            "src": "crassula-ovata.jpg",
            "alt": "Krasula"
        }
    },
    {
        "id": 10,
        "name": "Round Cactus",
        "price": "84200.00",
        "latinName": "Cactus sp.",
        "available": true,
        "category": {
            "id": 1,
            "name": "Houseplants"
        },
        "description": null,
        "weight": 70,
        "dimensions": 65,
        "image": {
            "src": "kaktus-okrugli.jpg",
            "alt": "Cactus"
        }
    }
]
```

3.8. navigation.json

```json
[
    {
        "href": "index.html",
        "navText": "Home"
    },
    {
        "href": "contact.html",
        "navText": "Contact"
    },
    {
        "href": "cart.html",
        "navText": "<i class='icofont-opencart'></i>"
    }
]
```

3.9. credits.json

```json
[
    {
        "href": "documentation.pdf",
        "class": "documentation",
        "icon": "<i class='bx bxs-file-pdf'></i>"
    },
    {
        "href": "sitemap.xml",
        "class": "sitemap",
        "icon": "<i class='bx bx-sitemap'></i>"
    }
]
```

3.10. categories.json

```json
[
    {
        "id": 1,
        "name": "Houseplants"
    },
    {
        "id": 2,
        "name": "Succulents"
    },
    {
        "id": 3,
        "name": "Ground covers"
    }
]
```

3.11. script.js

```javascript
window.onload = function () {
    AOS.init();
    //social networks data
    callAjax("socialNetworks.json", "GET", function (result) {
        printFooterLinks(result, ".social-links")
    });
    //documentation and sitemap data
    callAjax("credits.json", "GET", function (result) {
        printFooterLinks(result, "#credit")
    });
    // categories data
    callAjax("categories.json", "GET", function (result) {
        printCategories(result)
    });
```

```javascript
    //various plants for sale data
    callAjax("plants.json", "GET", function (result) {
        printPlants(result);
    });
    //navigation data between pages
    callAjax("navigation.json", "GET", function (result){
        printNav(result);
    });
    $("#searchPlants").on("keyup",filterByName);
    $("#cenaSort").click(function(e){
        e.preventDefault();
        callAjax("plants.json", "GET", function (result) {
            result.sort(function(a,b){
                a = parseFloat(a.price);
                b = parseFloat(b.price);
                if(a > b){
                    return -1;
                }
                else if(b < a){
                    return 1;
                }
                else {
                    return 0;
                }
            });
            printPlants(result);
        });
    });
}
const BASE_URL = "assets/data/";
function callAjax(url, method, result) {
    $.ajax({
        url: BASE_URL + url,
        method: method,
        dataType: "JSON",
        success: result,
        error: function (xhr, status, error) {
            var poruka = "There's been a mistake.";
            switch (xhr.status) {
                case 404:
                    poruka = "Page not found.";
                    break;
                case 500:
                    poruka = "Error.";
                    break;
```

```javascript
            }
            $("#feedback").html(poruka);
        }
    });
}
function printNav(navLinks) {
    let html = "<ul class='navbar-nav ml-auto'>";
    let location = window.location.pathname.split("/")[window.location.pathname.s
plit("/").length - 1];
    for (const link of navLinks) {
        if (location == link.href || location == "") {
            html += `<li class="nav-item active">
                        <a class="nav-link" href="${link.href}">${link.navText}
                            <span class="sr-only">(current)</span>
                        </a>
                    </li>`;
        }
        else {
            html += `<li class="nav-item">
                        <a class="nav-
link" href="${link.href}">${link.navText}</a>
                    </li>`;
        }

    }
    html += "</ul>";
    $("#navbarResponsive").html(html);
}
function printFooterLinks(data, target) {
    let html = "";
    for (let item of data) {
        html += `<a href="${item.href}" class="${item.class}">${item.icon}</a>`;
    }
    $(target).html(html);
}
function printCategories(data) {
    let html = `<a href="#" class="list-group-item" data-
catid="0">All plants</a>`;
    for (let cat of data) {
        html += `<a href="#" class="list-group-item" data-
catid="${cat.id}">${cat.name}</a>`;
    }
    $("#categories").html(html);
    $("#categories a").click(filterByCategory);
}
```

```javascript
function printPlants(data) {
    let html = "";
    for (let plant of data) {
        html += `
            <div class="col-lg-4 col-md-6 mb-4" data-aos="zoom-in-right" data-
aos-duration="2000">
                <div class="card h-100">
                    <a href ="#"><img class="card-img-
top" src ="assets/img/plants/${plant.image.src}"alt = "${plant.image.alt}"></a>
                    <div class="card-body">
                        <h4 class="card-title">
                            <a href="#">${plant.name}</a>
                        </h4>
                        <p>Latin name: <em>${plant.latinName}</em></p>
                        <p>Availability: <strong>${availabilityObrada(plant.avail
able)}</strong></p>
                        <p>Category: <span class="catName">${plant.category.name}
</em></p>
                        <p class="card-
text">${descriptionObrada(plant.description)}</p>
                    </div>
                    <div class="card-footer">
                        <h5 class="font-weight-bold">RSD ${plant.price}</h5>
                        <button id="btnCart" type="button" class="btn btn-
outline-success btn-block" ${buttonObrada(plant.available)}>Add to cart</button>
                    </div>
                </div>
            </div>
        `
    }
    $("#plants").html(html);
    plants = data;
}
function descriptionObrada(description) {
    let html="";
    if(description != null){
        html += description;
    }
    return html;
}
function availabilityObrada(availableBool){
    let html = "";
    if(availableBool){
        html += "In stock";
    }
```

```javascript
        else{
            html += "<s>Out of stock</s>";
        }
        return html;
}
function buttonObrada(availableBool) {
    let html ="";
    if(!availableBool){
        html += "disabled";
    }
    return html;
}
function filterByCategory(e) {
    e.preventDefault();
    const categoryId = this.dataset.catid;
    callAjax("plants.json", "GET", function(result){
        if(categoryId == "0"){
            printPlants(result);
        }
        else{
            const filteredPlants = result.filter(x => x.category.id == categoryId
);
            printPlants(filteredPlants);
        }
    });
}
function filterByName() {
    const textEnteredByUser = this.value;
    callAjax("plants.json", "GET", function (result) {
        const filteredPlants = result.filter(x => {
            if(x.name.toLowerCase().indexOf(textEnteredByUser.toLowerCase()) !==
-1){
                return true;
            }
        });
        printPlants(filteredPlants);
    });
}
```

3.12. contact.js

```javascript
window.onload = function(){
```

```javascript
    $("#name").focus();
    document.getElementById('submit').addEventListener('click', provera);
}
function provera(e) {
    e.preventDefault();
    var checksout = true;
    var ok = [];
    var name = document.getElementById('name');
    var email = document.getElementById('email');
    var subject = document.getElementById('subject');
    var textarea = document.getElementById('message');
    var nameError = document.getElementById('name-error');
    var emailError = document.getElementById('email-error');
    var subjectError = document.getElementById('subject-error');
    var textareaError = document.getElementById('taError');
    var regName = /^[A-Z][a-z]{2,}(\s[A-Z][a-z]{2,})+$/;
    var regEmail = /^[a-z]+((\.|\+|\_)[a-
z]+)*@(gmail\.com|ict\.edu\.rs|yahoo\.com)$/;
    var regSubject = /^[A-Z][a-z]{2,}(\s[A-Z][a-z]{2,})*$/;

    if (email.value == "") {
        email.style.borderBottomColor = "#a30203";
        emailError.innerHTML = "Email is required!";
        checksout = false;
    }
    else if (!regEmail.test(email.value.trim())) {
        emailError.innerHTML = "Email not in the right format!";
        checksout = false;
    }
    else {
        ok.push(email.value.trim());
        emailError.innerHTML = "";
        email.style.borderBottomColor = "#abaca7";
    }
    if (name.value == "") {
        name.style.borderBottomColor = "#a30203";
        nameError.innerHTML = "Name is required!";
        checksout = false;
    }
    else if (!regName.test(name.value.trim())) {
        nameError.innerHTML = "Name not in the right format!";
        checksout = false;
    }
    else {
        ok.push(name.value.trim());
```

```
        nameError.innerHTML = "";
        name.style.borderBottomColor = "#abaca7";
    }
    if (subject.value == "") {
        subject.style.borderBottomColor = "#a30203";
        subjectError.textContent = "subject is required!";
        checksout = false;
    }
    else if (!regSubject.test(subject.value.trim())) {
        subjectError.innerHTML = "City not in the right format!";
        checksout = false;
    }
    else {
        ok.push(subject.value.trim());
        subjectError.innerHTML = "";
        subject.style.borderBottomColor = "#abaca7";
    }
    if (textarea.value == "") {
        textarea.style.borderBottomColor = "#a30203";
        textareaError.textContent = "subject is required!";
        checksout = false;
    }
    if (checksout) {
        document.getElementById('feedback').innerHTML = "<h2>Got it!</h2><h3> We'
ll keep you posted!</h3>";
        document.getElementById('formaSignup').reset();
    }
    else {
        document.getElementById('feedback').innerHTML = "";
    }
}
```