

DE LEON VILLA

<https://marijana-papic.github.io/DeLeonVilla/index.html>

Studijski program: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 1

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1.1 Korisceni programski jezici:

- HTML
- CSS
- Bootstrap
- JQuery
- JavaScript
- XML(sitemap)
- Visual Studio Code

1.2 Opis funkcionalnosti

- **Dinamicko ucitavanje navigacije** - Navigacija je fiksirana i skrolovanjem se hajlajtuje link na kom se nalazite. Pritiskom na link dinamicki se dolazi do zeljenog dela sajta.
- **Dinamicka galerija** - klikom na sliku dobija se uvecan prikaz kao i znak X za zatvaranje iste.
- **Dinamicki ispisan footer**
- **Contact forma – form validation**- Nijedno polje ne sme biti prazno, u suprotnom se pojavljuje obavestenje da je 'not valid'.
- **Dinamicki ispisan tekst u service sekciji**

1.3 Template

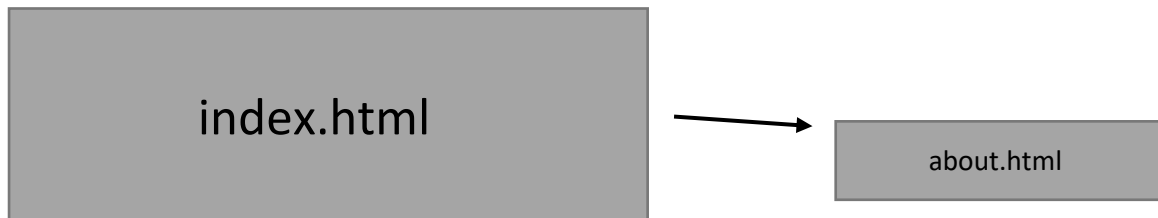
<https://www.free-css.com/free-css-templates/page221/helios>

- Koriscen je gotov template koji je prilagodjen mojim potrebama. Template koristi bootstrap klase za responsive i stilizovanje.
- Neke sekcije template-a su izbrisane jer se nisu uklapale sa temom.
- U HTML i CSS fajl su dodate moje klase kao i fajl script.js. Svi ostali fajlovi su dobijeni uz template.
- Menjani su delovi HTMLa i CSSa originalnog sajta zbog nepoklapanja sa temom.
- Sajt je prilagodjen svim uredjajima.

ORGANIZACIJA

2.1 Organizaciona sema

Sajt je single page I jedino je povezan sa portfoliom koji se nalazi u ABOUT sekciji. Klikom na link ABOUT AUTHOR, portfolio se otvara u drugom prozoru.



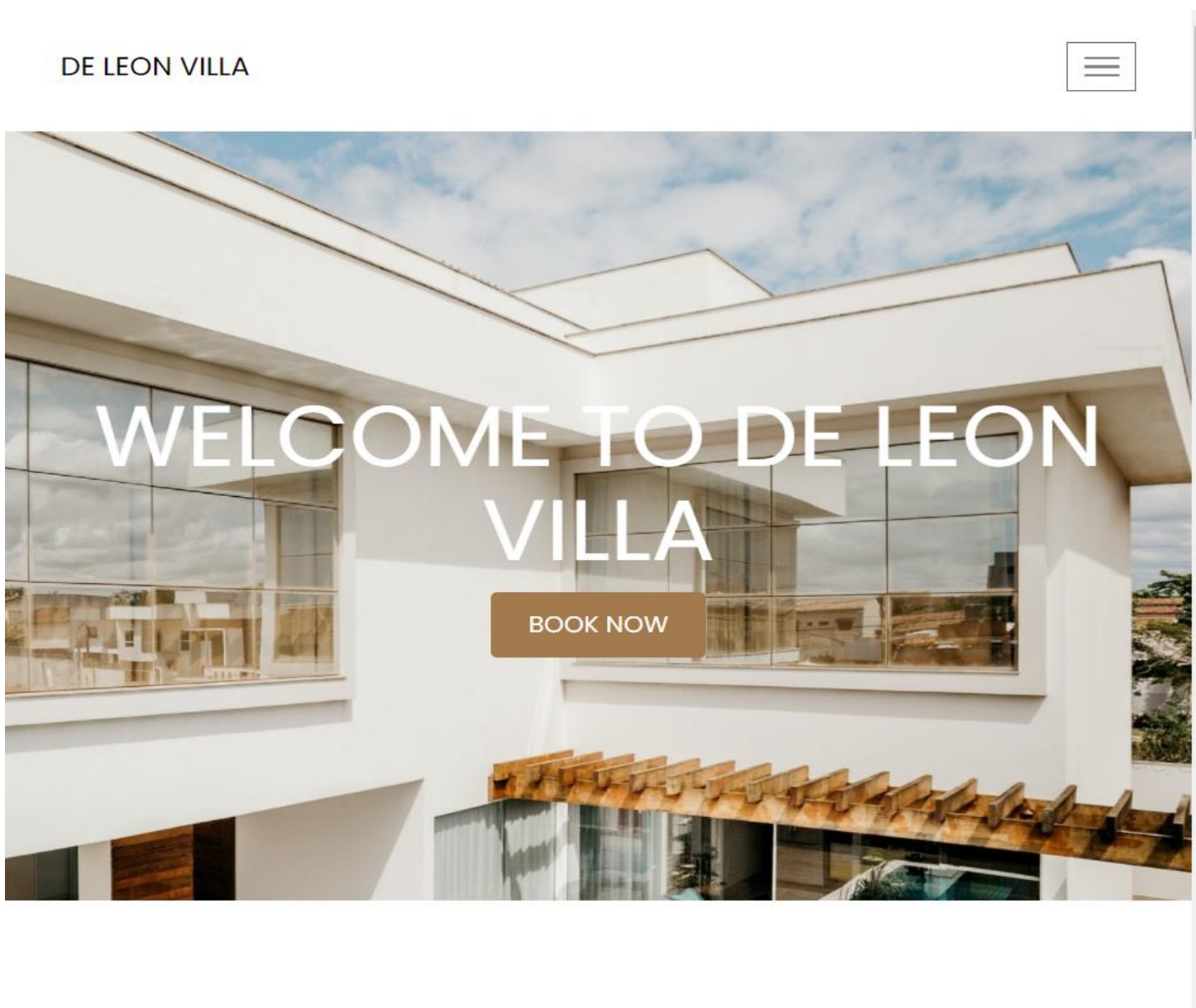
2.2 Mapa sajta

```
1 <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
2   <url>
3     <loc>https://marijana-papic.github.io/DeLeonVilla/</loc>
4     <lastmod>2021-12-10</lastmod>
5     <changefreq>daily</changefreq>
6     <priority>1</priority>
7   </url>
8 </urlset>
```

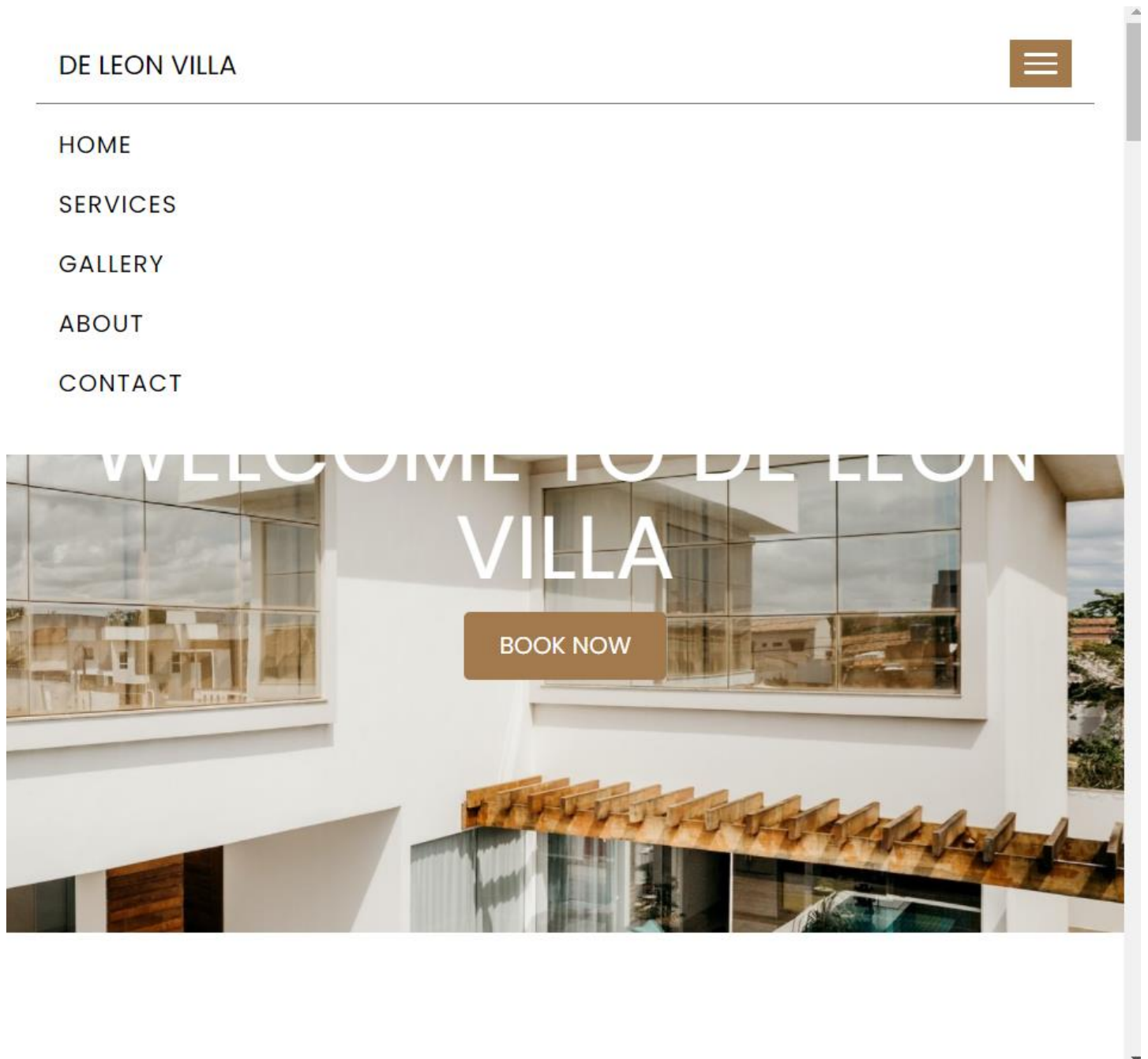
2.3 Slike stranica I opis funkcionalnosti



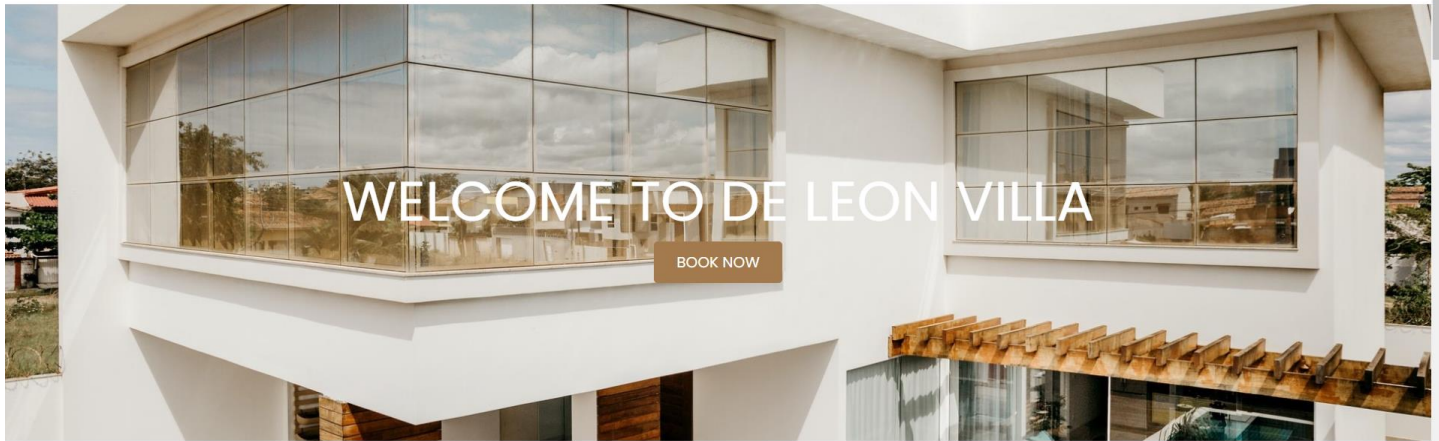
Dinamicki navigacioni meni prikaz za vece rezolucije.



Dinamicki navigacioni meni prikaz za manje rezolucije. Na 767px pojavljuje se hamburger koji je napravljen u bootstrapu.



Klikom na hamburger otvara se navigacioni meni.



Facilities & Services

Header sekcija.

Klikom na 'BOOK NOW' dugme prelazi se na formu za pretragu sobe.

Facilities & Services

INDOOR AREAS

3 double rooms
3 bathrooms
Dinning area
Fully equipped kitchen
Lounge with fireplace

OUTDOOR AREA

Pool
Hydro massage
BBQ area
Dinning area
Bathroom with 2 showers

SERVICES ON DEMAND

Vehicles, boats & yachts rentals
Daily excursions
Business meetings
Fishing trips
Private cetering services

SURROUNDING AREA

Parking area
Tennis court
Private Lake
Gym
Playground

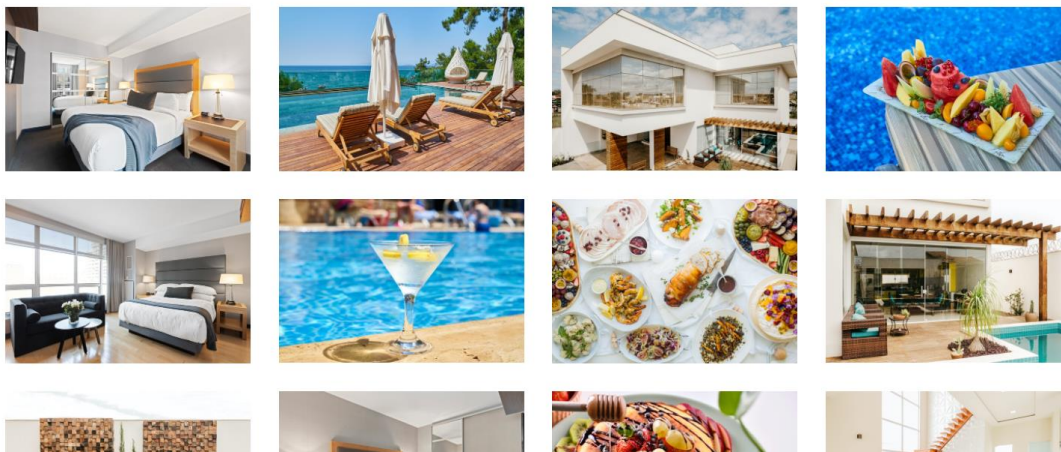
Gallery

Services sekcija.

Sastoji se od 4 bloka sa tekstom koji na rezoluciji 991px postaju dvoredni, a na 767px jednoredni.

Tekst unutar blokova je dinamički ispisan.

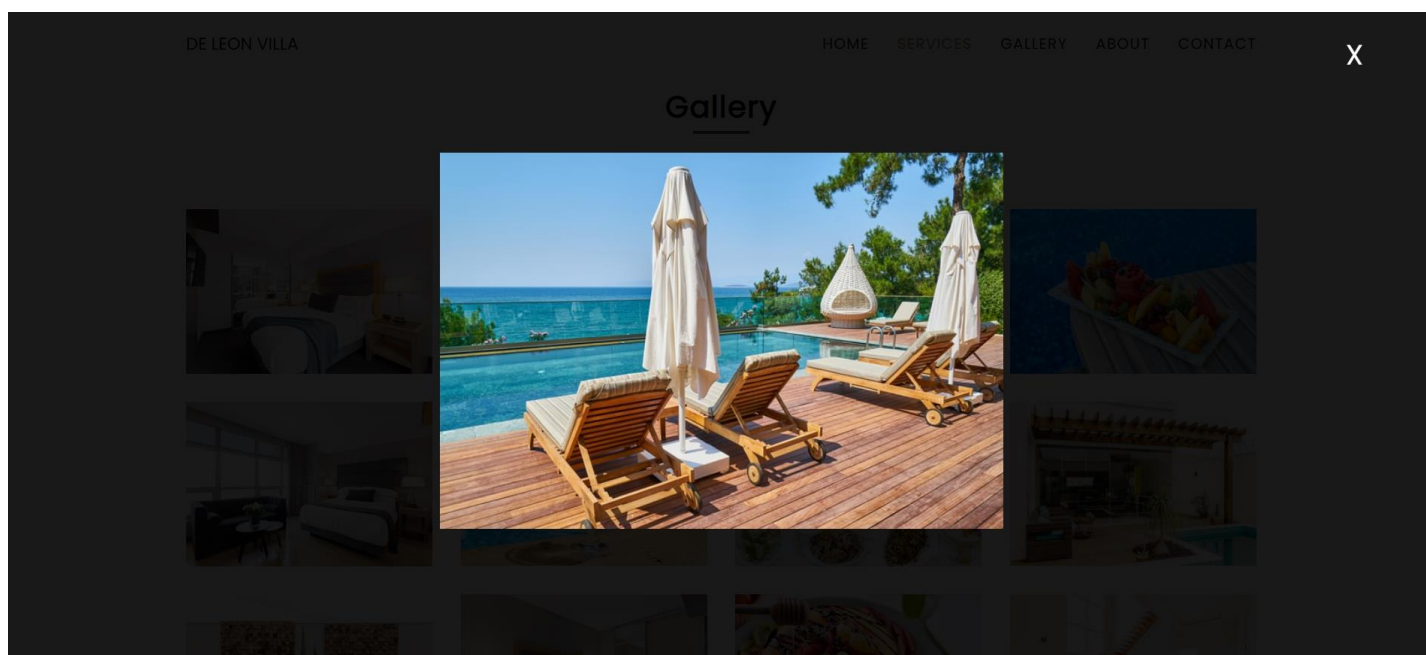
Gallery



Gallery sekcija.

Dinamička galerija urađena pomoću JavaScripta.

Klikom na sliku dobija se uvećan prikaz kao I znak X za zatvaranje iste.



About



De Leon Villa is located in Monte Carlo. During its 10 years of existence, it has welcomed and seen off many satisfied guests. It spreads over two floors, a total of 200m2.

De Leon Villa has a large living room connected to the kitchen, three bedrooms with a double bed and three bathrooms. De Leon Villa can accommodate up to 8 guests. Finished to such a high standard and really beautiful design details making it that much more special for you.

[ABOUT AUTHOR](#)

About sekcija.

Sastoji se od slike I teksta kao i linka za portfolio.

Make A Reservation

Check In Date:

mm/dd/yyyy



Check Out Date:

mm/dd/yyyy



Adults:

1

Children:

1



Rooms:

1

[BOOK NOW](#)

Contact Us



Reservation sekcija.

Sastoji se od polja za biranje datuma, broja osoba, dece i soba. Polje adults, children i rooms su podesene tako da je maskimalan broj odraslih 6, dece 5 i soba 4.

DE LEON VILLA

HOME SERVICES GALLERY ABOUT CONTACT

Contact Us

4321 California St,
Monte Carlo, Monaco 12345

deleonvilla@company.com

+1 234 567 89

Leave us a message

Name	Email
Subject	
Message	

SEND MESSAGE

Contact sekcija.

Sastoji se iz kontakt informacija i forme. Forma je dinamicki ispisana I svako polje mora biti popunjeno. Svako polje poseduje minimalni i maksimalni broj karaktera.

Leave us a message

Name	Email
Invalid name.	Please enter a valid email address!
Leave us a message	
Marijana	marijana.papic.162.20@ict.edu.rs
Subject	
Please fill in the required field.	
Message	
Please fill in the required field.	

SEND MESSAGE

Monte Carlo, Monaco 12345

Leave us a message

<input type="text"/>	<input type="text"/>
<input type="text"/>	
<input type="text"/>	

SEND MESSAGE



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Footer sekcija.

Dinamicki ispisan footer.

Sastoji od social linkova (medju kojima su sitemap i dokumentacija) i copyright-a.

3.1 HTML

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>De Leon Villa</title>
<meta name="description" content="De Leon Villa is located in Monte Carlo.
  During its 10 years of existence, it has welcomed and seen off many satisfied guests.
  It spreads over two floors, a total of 200m2.">
<meta name="author" content="">
<meta name="keywords" content="vacation, villa, trip, Monte Carlo, Monaco" />

<!-- Favicons
===== -->
<link rel="shortcut icon" href="img/logot.png" type="image/x-icon">
<link rel="apple-touch-icon" href="img/apple-touch-icon.png">
<link rel="apple-touch-icon" sizes="72x72" href="img/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="114x114" href="img/apple-touch-icon-114x114.png">

<!-- Bootstrap -->
<link rel="stylesheet" type="text/css" href="css/bootstrap.css">

<!-- Font awesome 5 -->
<script src="https://kit.fontawesome.com/1e51315847.js" crossorigin="anonymous"></script>

<!-- Stylesheet
===== -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<script type="text/javascript" src="js/modernizr.custom.js"></script>

<script src="js/script.js" defer></script>

<!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and media queries -->
<!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
<!--[if lt IE 9]>
  <script src="https://oss.maxcdn.com/html5shiv/3.7.2/html5shiv.min.js"></script>
  <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
<![endif]>
</head>
<body>
<!-- Navigation
===== -->
<nav id="menu" class="navbar navbar-default navbar-fixed-top">
  <div class="container">

```

```

    <!-- Brand and toggle get grouped for better mobile display -->
    <div class="navbar-header">
        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-
target="#bs-example-navbar-collapse-1">
            <span class="sr-only">Toggle navigation</span> <span class="icon-bar"></span> <span
class="icon-bar"></span>
            <span class="icon-bar"></span> </button>
            <a class="navbar-brand" href="index.html">DE LEON VILLA<strong></strong></a> </div>

    <!-- Collect the nav links, forms, and other content for toggling -->
    <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1"
id="NavBarMP">
        <ul class="nav navbar-nav navbar-right">
            <!--<li><a href="#home" class="page-scroll">Home</a></li>
            <li><a href="#services-section" class="page-scroll">Services</a></li>
            <li><a href="#works-section" class="page-scroll">Portfolio</a></li>
            <li><a href="#about-section" class="page-scroll">About</a></li>
            <li><a href="#team-section" class="page-scroll">Team</a></li>
            <li><a href="#contact-section" class="page-scroll">Contact</a></li>-->
        </ul>
    </div>
    <!-- /.navbar-collapse -->
</div>
<!-- /.container-fluid -->
</nav>

<!-- Header -->
<header class="text-center" name="home">
    <div class="intro-text">
        <h1>Welcome to De Leon Villa</h1>
        <a href="#book-check" class="btn btn-default btn-lg page-scroll">BOOK NOW</a> </div>
</header>

<!-- Services Section -->
<div id="services-section" class="text-center">
    <div class="container">
        <div class="section-title center">
            <h2>Facilities & Services</h2>
            <hr>
            <div class="clearfix"></div>
        </div>
        <div class="space"></div>
        <div class="row">
            <div class="col-md-3 col-sm-6 service">
                <h4>INDOOR AREAS </h4>
                <p class="section-p-text"></p>
                <p class="section-p-text"></p>
                <p class="section-p-text"></p>
                <p class="section-p-text"></p>
                <p class="section-p-text"></p>
            </div>
            <div class="col-md-3 col-sm-6 service">

```

```

    <h4>OUTDOOR AREA</h4>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
  </div>
  <div class="col-md-3 col-sm-6 service">
    <h4>SERVICES ON DEMAND</h4>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
  </div>
  <div class="col-md-3 col-sm-6 service">
    <h4>SURROUNDING AREA</h4>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
    <p class="section-p-text"></p>
  </div>
</div>
</div>
</div>
<!-- Gallery Section -->
<div id="gallery-section">
  <div class="container">
    <div class="section-title text-center center">
      <h2>Gallery</h2>
      <hr>
      <div class="clearfix"></div>
    </div>
    <div class="full-img" id="fullImgBox">
      <img src="" id="fullImg" alt="">
      <span onclick="closeFullImg()">X</span>
    </div>
    <div class="img-gallery">
      
      
      
      
      
      
      
      
      
      
      
      
    </div>
  </div>

```

```

    </div>
  </div>
</div>
<!-- About Section -->
<div id="about-section">
  <div class="container">
    <div class="section-title text-center center">
      <h2>About</h2>
      <hr>
      <div class="clearfix"></div>
    </div>
    <div class="row">
      <div class="col-md-6">
        

      </div>
      <div class="col-md-6">
        <div class="about-text">
          <p>
            De Leon Villa is located in Monte Carlo. During its 10 years of existence,
            it has welcomed and seen off many satisfied guests.
            It spreads over two floors, a total of 200m2.</p>

          <p>De Leon Villa has a large living room connected to the kitchen,
            three bedrooms with a double bed and three bathrooms. De Leon
            Villa can accommodate up to 8 guests. Finished to such
            a high standard and really beautiful design details making
            it that much more special for you.
          <p>
          <p>
            <a href="https://marijana-papic.github.io/marijana-papic-Portfolio/"
target="_blank" class="about-author">About author</a>
          </p>
        </div>
      </div>
    </div>
  </div>
</div>
<!-- Check Section -->
<section class="book">
  <div class="section-title text-center center" id="book-check">
    <h2>Make A Reservation</h2>
    <hr>
    <div class="clearfix"></div>
  </div>
  <form class="book-form">
    <div class="form-item">
      <label for="checkin-date">Check In Date: </label>
      <input type="date" id="checkin-date">
    </div>
    <div class="form-item">
      <label for="checkout-date">Check Out Date: </label>

```



```

        <input type="date" id="checkout-date">
    </div>
    <div class="form-item">
        <label for="adult">Adults: </label>
        <input type="number" min="1" max="6" value="1" id="adult">
    </div>
    <div class="form-item">
        <label for="children">Children: </label>
        <input type="number" min="1" max="5" value="1" id="children">
    </div>
    <div class="form-item">
        <label for="rooms">Rooms: </label>
        <input type="number" min="1" max="4" value="1" id="rooms">
    </div>
    <div class="form-item">
        <input type="submit" class="btn" value="BOOK NOW">
    </div>
</form>
</section>
<!-- Contact Section -->
<div id="contact-section" class="text-center">
    <div class="container">
        <div class="section-title center">
            <h2>Contact Us</h2>
            <hr>
        </div>
        <div class="col-md-8 col-md-offset-2">
            <div class="col-md-4"> <i class="fa fa-map-marker"></i>
                <p>4321 California St,<br>
                    MOnte Carlo, Monaco 12345</p>
            </div>
            <div class="col-md-4"> <i class="fa fa-envelope-o"></i>
                <p>deleonvilla@company.com</p>
            </div>
            <div class="col-md-4"> <i class="fa fa-phone"></i>
                <p> +1 234 567 89</p>
            </div>
            <div class="clearfix"></div>
        </div>
        <div class="col-md-8 col-md-offset-2">
            <h3>Leave us a message</h3>
            <form name="sendMessage" id="contactForm" method="get" onsubmit="return validation()">
                <div class="row">
                    <div class="col-md-6">
                        <div class="form-group">
                            <input type="text" id="name" class="form-control" placeholder="Name">
                            <span id="name-error" class="text-danger font-weight-bold"></span>
                        </div>
                    </div>
                    <div class="col-md-6">
                        <div class="form-group">
                            <input type="email" id="email" class="form-control" placeholder="Email">

```

```

        <span id="email-error" class="text-danger font-weight-bold"></span>
    </div>
</div>
<div class="col-md-12">
    <div class="form-group">
        <input type="text" id="subject" class="form-control" placeholder="Subject">
        <span id="subject-error" class="text-danger font-weight-bold"></span>
    </div>
</div>
</div>
<div class="form-group">
    <textarea name="message" id="message" class="form-control" rows="4"
placeholder="Message"></textarea>
    <span id="message-error" class="text-danger font-weight-bold"></span>
</div>
<div id="success"></div>
<button type="submit" class="btn btn-default">SEND MESSAGE</button>
</form>
</div>
</div>
</div>

<footer id="footer">
</footer>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
<script type="text/javascript" src="js/jquery.1.11.1.js"></script>
<!-- Include all compiled plugins (below), or include individual files as needed -->
<script type="text/javascript" src="js/bootstrap.js"></script>
<!--<script type="text/javascript" src="js/SmoothScroll.js"></script>-->
<script type="text/javascript" src="js/jquery.counterup.js"></script>
<script type="text/javascript" src="js/waypoints.js"></script>
<!--<script type="text/javascript" src="js/jquery.prettyPhoto.js"></script>-->
<script type="text/javascript" src="js/jquery.isotope.js"></script>
<!--<script type="text/javascript" src="js/jqBootstrapValidation.js"></script>
<script type="text/javascript" src="js/contact_me.js"></script>-->

<!-- Javascripts
===== -->

<script type="text/javascript" src="js/main.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous">
</script>
</body>
</html>

```


3.2 CSS

```
/*image gallery*/
.img-gallery{
  width: 100%;
  margin: 50px auto 50px;
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
  grid-gap: 30px;
}
.img-gallery img{
  width: 100%;
  cursor: pointer;
}
.img-gallery img:hover{
  transform: scale(1.1);
  transition: 1s;
}
.full-img{
  width: 100%;
  height: 100vh;
  background: rgba(0, 0, 0, 0.9);
  position: fixed;
  top: 0;
  left: 0;
  display: none;
  align-items: center;
  justify-content: center;
  z-index: 2000;
}
.full-img img{
  width: 90%;
  max-width: 600px ;
}
.full-img span{
  position: absolute;
  top: 5%;
  right: 5%;
  font-size: 30px;
  color: white;
  cursor: pointer;
}
@media (max-width: 603px) {
  .img-gallery img:hover{
    transform: none;
  }
}

/*book now section*/
.book{
  padding: 40px 60px;
```

```

}
.book-form{
  display: grid;
}
.form-item{
  display: flex;
  flex-direction: column;
  justify-content: center;
}
.book-form input[type="submit"]{
  margin: 18px 0 0 0;
  border-radius: 4px;
  color: #fff;
  width: 200px;
  border: none;
  padding: 13px;
  font-size: 16px;
  margin: auto;
  margin-top: 33px;
  background: none;
  transition: all 0.5s;
  background: #A37A4E
}
.book-form input[type="submit"]:hover{
  color: #fff;
  background-color: #684f35;
  border: none !important;
}
}
.book-form label, .book-form input{
  width: 100%;
}
}
.book-form label{
  font-weight: 600;
  word-spacing: 5px;
  padding-bottom: 8px;
}
}
.book-form input:not(.btn){
  margin: 4px 0 16px 0;
  padding: 12px 15px;
  border-radius: 5px;
  font-size: 17px;
  border: 1px solid #ccc;
}
}
.book-form input:focus{
  outline: 0;
  box-shadow: 0 0 7px rgba(0, 0, 0, 0.4);
}
}
@media(min-width: 768px){
  .book-form{
    grid-template-columns: repeat(2, 1fr);
    grid-gap: 40px;
  }
}

```

```

}
@media(min-width: 1170px){
    .book-form{
        grid-template-columns: repeat(3, 1fr);
    }
}
@media(min-width: 1370px){
    .book-form{
        grid-template-columns: 2fr 2fr 1fr 1fr 1fr 2fr;
    }
    .book{
        height: 40vh;
        display: grid;
    }
}
@media(max-width: 500px){
    .book{
        padding-left: 20px;
        padding-right: 20px;
    }
}
/*About section*/
.about-author{
    background: #A37A4E;
    padding: 10px;
    border-radius: 5px;
    color: white;
    text-transform: uppercase;
    transition: all 0.5s;
}
.about-author:hover{
    background: #684f35;
    color: white;
}

/*footer*/
#footer {
    background-color: #222222;
    color: #777;
    padding: 15px 0 10px 0;
    text-align: center;
}
#footer p {
    font-size: 13px;
    margin-top: 10px;
}
#footer a {
    color: #999;
}
#footer a:hover, a:focus {
    text-decoration: none;
    color: #A37A4E;
}

```

```
}
footer {
  text-align: center;
  margin-top: 25px;;
}
footer .inner-content {
  padding: 20px 0px;
  text-transform: uppercase;
}
.inner-content a i{
  font-size: 20px;
  padding: 0 7px;
}
```

3.3 JAVASCRIPT

```
//galerija
var fullImgBox = document.getElementById("fullImgBox");
var fullImg = document.getElementById("fullImg");

function closeFullImg(){
    fullImgBox.style.display = "none";
}

let slike = document.getElementsByClassName('slike');

for(let i = 0; i < slike.length; i++) {
    slike[i].addEventListener('click', () => {
        fullImgBox.style.display = "flex";
        fullImg.src = slike[i].src;
    })
}

//navigacija
const hrefLink = ["index.html", "#services-section", "#gallery-section", "#about-section",
"#contact-section"];
const imeLink = ["Home", "Services", "Gallery", "About" , "Contact"];
let navBar = document.querySelector(".navbar-collapse");
let navList = `<ul class="nav navbar-nav navbar-right">`;
    for (let i = 0; i < hrefLink.length; i++) {
        navList += `<li><a href="${hrefLink[i]}" class="page-scroll">${imeLink[i]}</a></li>`;
    }
    navList += `</ul>`;
navBar.innerHTML = navList

//validacija forme

function validation(){

    var clientName = document.getElementById('name').value;
    var clientEmail = document.getElementById('email').value;
    var clientSubject = document.getElementById('subject').value;
    var clientMessage = document.getElementById('message').value;

    let nameCheck = /^[A-Za-z. ]{3,30}$/;
    let emailCheck = /^[a-z0-9.]{3,}@[a-z]{3,}[.]{1}[a-z.]{2,6}$/;
    let subjectCheck = /^[A-Za-z0-9.]{3,40}$/;
    let messageCheck = /^[A-Za-z0-9.]{3,2000}[.]{1}$/;

    if(nameCheck.test(clientName)){
        document.getElementById('name-error').innerHTML = " ";
    }
    else{
```



```

        document.getElementById('name-error').innerHTML = "Invalid name.";
        return false;
    }

    if(emailCheck.test(clientEmail)){
        document.getElementById('email-error').innerHTML = " ";
    }
    else{
        document.getElementById('email-error').innerHTML = "Please enter a valid email address!";
        return false;
    }

    if(subjectCheck.test(clientSubject)){
        document.getElementById('subject-error').innerHTML = " ";
    }
    else{
        document.getElementById('subject-error').innerHTML = "Please fill in the required field.";
        return false;
    }

    if(messageCheck.test(clientMessage)){
        document.getElementById('message-error').innerHTML = " ";
    }
    else{
        document.getElementById('message-error').innerHTML = "Please fill in the required field.";
        return false;
    }
}
//footer

var footer=document.getElementById('footer');
var content = `

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```

```

        <p>Copyright &copy; Marijana Papic 162/20</p>
    </div>
</div></div>`;
footer.innerHTML=content;

//niz

var serviceText = document.getElementsByClassName("section-p-text");
var nizText = ["3 double rooms","3 bathrooms","Dinning area","Fully equipped
kitchen","Lounge with fireplace","Pool",
"Hydro massage","BBQ area","Dinning area","Bathroom with 2 showers","Vehicles, boats & yachts
rentals","Daily excursions","Business meetings",
"Fishing trips","Private cetering services","Parking area","Tennis court","Private
Lake","Gym","Playground"]
for (let i=0; i<nizText.length; i++){
    serviceText[i].textContent=nizText[i];
}

```