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# DOKUMENTACIJA

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Web Programiranje 1



LAZAR PETROVIĆ

125/19

Visoka ICT Škola

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# 1 Uvod

## 1.1 Korišćeni programski jezici i plugin-i

Za izradu sajta korišćeni su HTML, CSS, JavaScript, JQuery i XML jezici.

Takođe su korišćena 2 JQuery plugin-a:

1. Slick Carousel plugin: <https://kenwheeler.github.io/slick/>
2. JQuery Modal plugin: <https://jquerymodal.com/>

## 1.2 Opis funkcionalnosti sajta

Sajt se sastoji od 2 stranice.

Glavna stranica, index.html se sastoji od 6 celina, dok se about.html sastoji od 3 koje su slične ili iste strukture kao te sa glavne stranice.

Elementi navigacije u **HEADER** sekciji su dinamički generisani pomoću JavaScript-a za rezolucije na računaru dok se za mobilne rezolucije ti elementi kriju i potom zamenjuju sa hamburger dugmetom na koje kada se klikne se pomoću JavaScript-a otkriva animirana drop-down lista.

Pomoću JQuery plugin-a Slick Carousel u **ABOUT US** sekciji je napravljen Carousel koji menja fotografije.

Za **OFFERS** sekciju je napravljeno 3 modala uz pomoć JQuery Modal plugin-a, čiji je sadržaj u nekim slučajevima generisan pomoću JavaScripta.

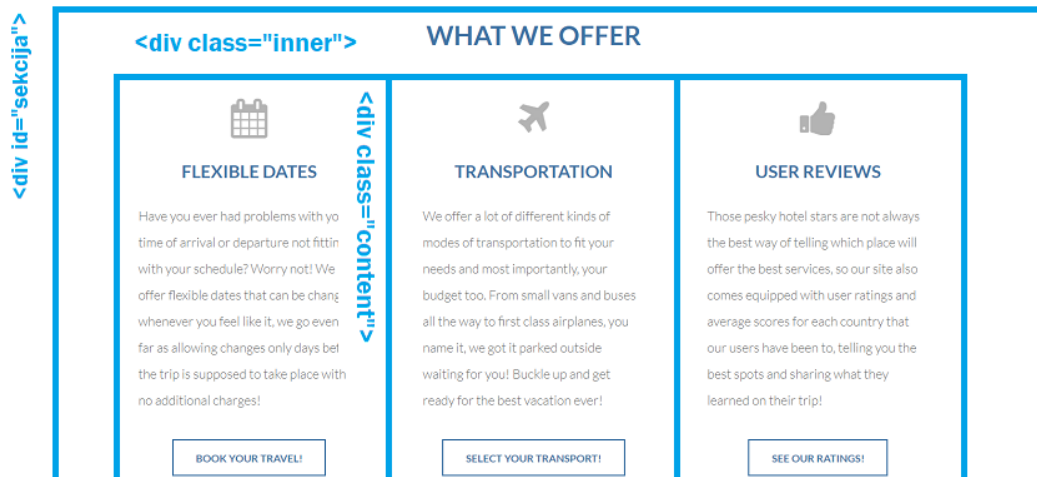
U **CONTACT** sekciji je forma čiji sadržaj pri popunjavanju JavaScript kontroliše i na osnovu toga što je uneseno izbacuje poruke korisniku. Takođe na samom dnu stranice pomoću JavaScript-a se dinamički ispisuju social media ikonice.

## 1.3 Template

Za izgled sajta je korišćen gotov template preuzet sa: <https://templated.co/introspect>

Modifikovane su i korišćene gotove HTML i CSS klase ovog template-a, dok je JavaScript koji je došao uz njega obrisan i zamenjen sa mojim.

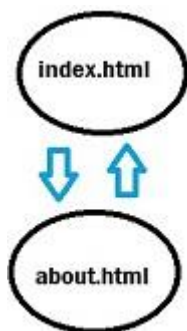
Većina template-a prati sličnu HTML strukturu, sa time da su imena ID i klasa u nekim slučajevima zamenjeni sa mojim, kao što se može videti na sledećem primeru.



```
<div id="sekcija">
  <div class="inner">
    <div class="content">SADRZAJ</div>
  </div>
</div>
```

## 2 Organizacija

### 2.1 Organizaciona šema



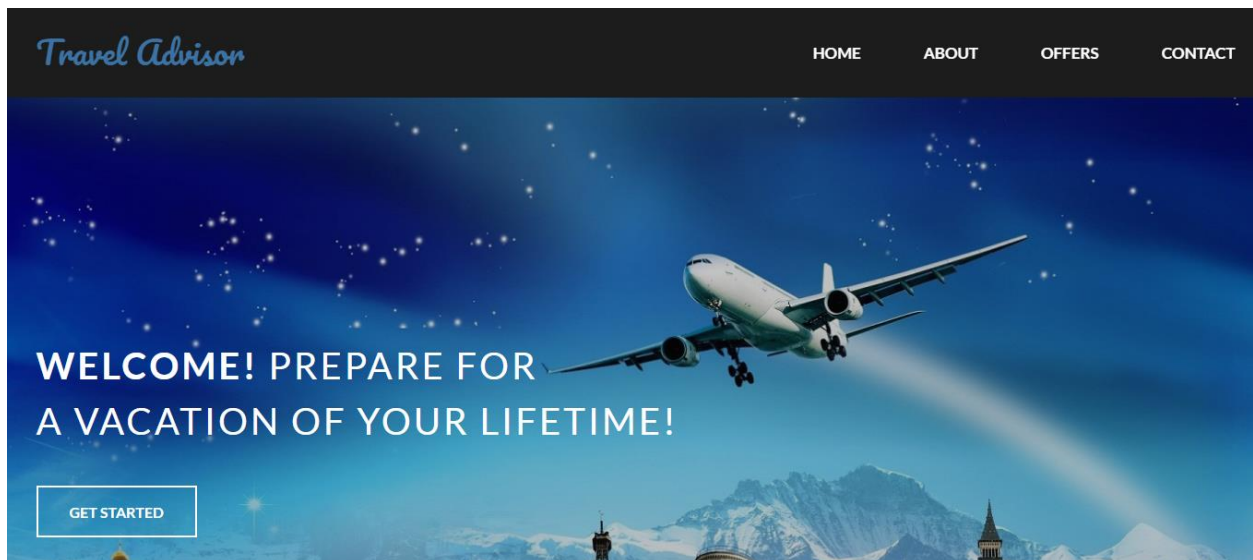
## 2.2 Sitemap

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
  <loc>https://profkosmosic.github.io/</loc>
  <lastmod>2020-12-10</lastmod>
  <changefreq>monthly</changefreq>
  <priority>1</priority>
</url>
<url>
  <loc>https://profkosmosic.github.io/about.html/</loc>
  <lastmod>2020-12-10</lastmod>
  <changefreq>monthly</changefreq>
  <priority>0.8</priority>
</url>
</urlset>
```

## 2.3 Slike i opis JavaScript i JQuery funkcionalnosti

Radi bolje preglednosti sajt ce biti podeljen na sekcije.

### 2.3.1 Index.html - header



U Header-u se nalaze elementi navigacije koji su dinamički ispisani uz pomoć JavaScript-a i koji se sakrivaju na nižim rezolucijama i zamenjuju hamburger dugmetom pomoću CSS-a koji je došao uz template. Kada kliknemo na hamburger dugme aktivira se JavaScript funkcija koja otkriva drop-down navigaciju sa fade-in animacijom.

### 2.3.2 Index.html - #one

## A TIME OF YOUR LIFE GUARANTEE!

We promise you that you have never been on vacations like these! But you don't have to take our word for it, let this site guide you through the process and also show off the places our happy customers have enjoyed that you could be enjoying too if you give us a chance to win you over!

LEARN MORE

Klikom na dugme „Learn More“ spuštamo se na sledeću sekciju. Svako dugme je modifikovano dugme iz template-a i dolazi sa hover funkcijama i menjanjem boja.

### 2.3.3 Index.html - #two

## ABOUT US

### WHO WE ARE



We are a traveling agency based in Belgrade, Serbia that will help you pick the best vacation that you've ever been on! We offer the best destinations for very affordable prices.

### WHAT WE DO




We parse through all information and bookings we can possibly get our hands on so you don't have to and try to offer you the most luxury for the most reasonable price.

Desni blok ove sekcije koristi Slick Carousel plugin na koji je nadovezan JQuery kod koji prolazi svih 5 slika unutar div-a, pokazuje na kojoj slici smo trenutno, daje korisniku mogućnost da menja slike, i takođe ima autoplay funkciju koja menja sliku svakih 1000 milisekundi.

### 2.3.4 Index.html - #three


## WHAT WE OFFER



### FLEXIBLE DATES

Have you ever had problems with your time of arrival or departure not fitting in with your schedule? Worry not! We offer flexible dates that can be changed whenever you feel like it, we go even as far as allowing changes only days before the trip is supposed to take place with no additional charges!


BOOK YOUR TRAVEL!



### TRANSPORTATION

We offer a lot of different kinds of modes of transportation to fit your needs and most importantly, your budget too. From small vans and buses all the way to first class airplanes, you name it, we got it parked outside waiting for you! Buckle up and get ready for the best vacation ever!

SELECT YOUR TRANSPORT!



### USER REVIEWS

Those pesky hotel stars are not always the best way of telling which place will offer the best services, so our site also comes equipped with user ratings and average scores for each country that our users have been to, telling you the best spots and sharing what they learned on their trip!

SEE OUR RATINGS!

Za ovu sekciju su napravljena 3 modala sa JQuery modal plugin-om, svaki se aktivira klikom na jedno od 3 dugmeta. Modali su postavljeni na vrh body-a u HTML-u.

#### 2.3.4.1 Index.html - #three booking modal

### BOOKING

Arrival:

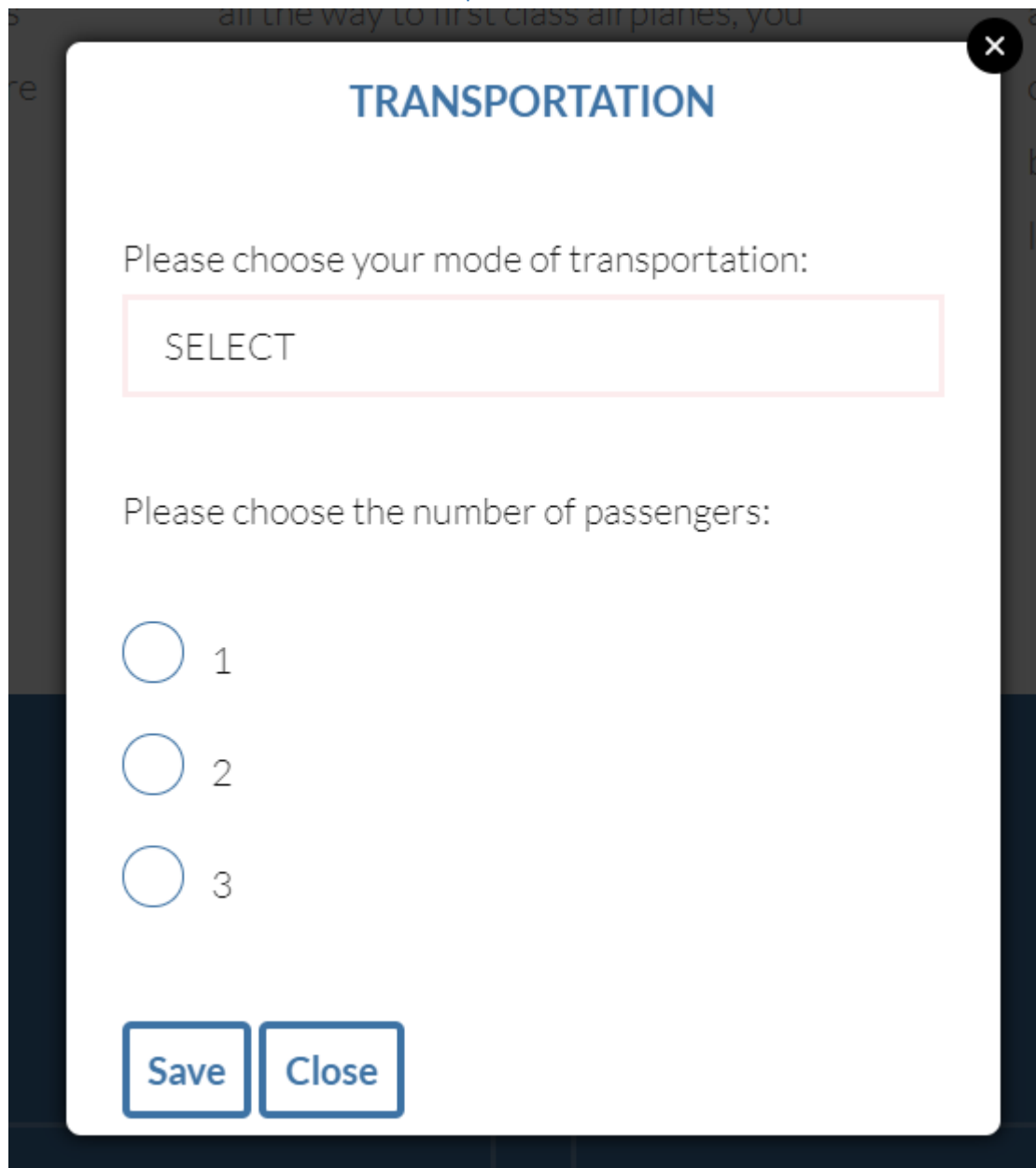
Departure:

Save

Close

Modal sadrži dva input elementa za biranje datuma.

#### 2.3.4.2 Index.html - #three transport modal

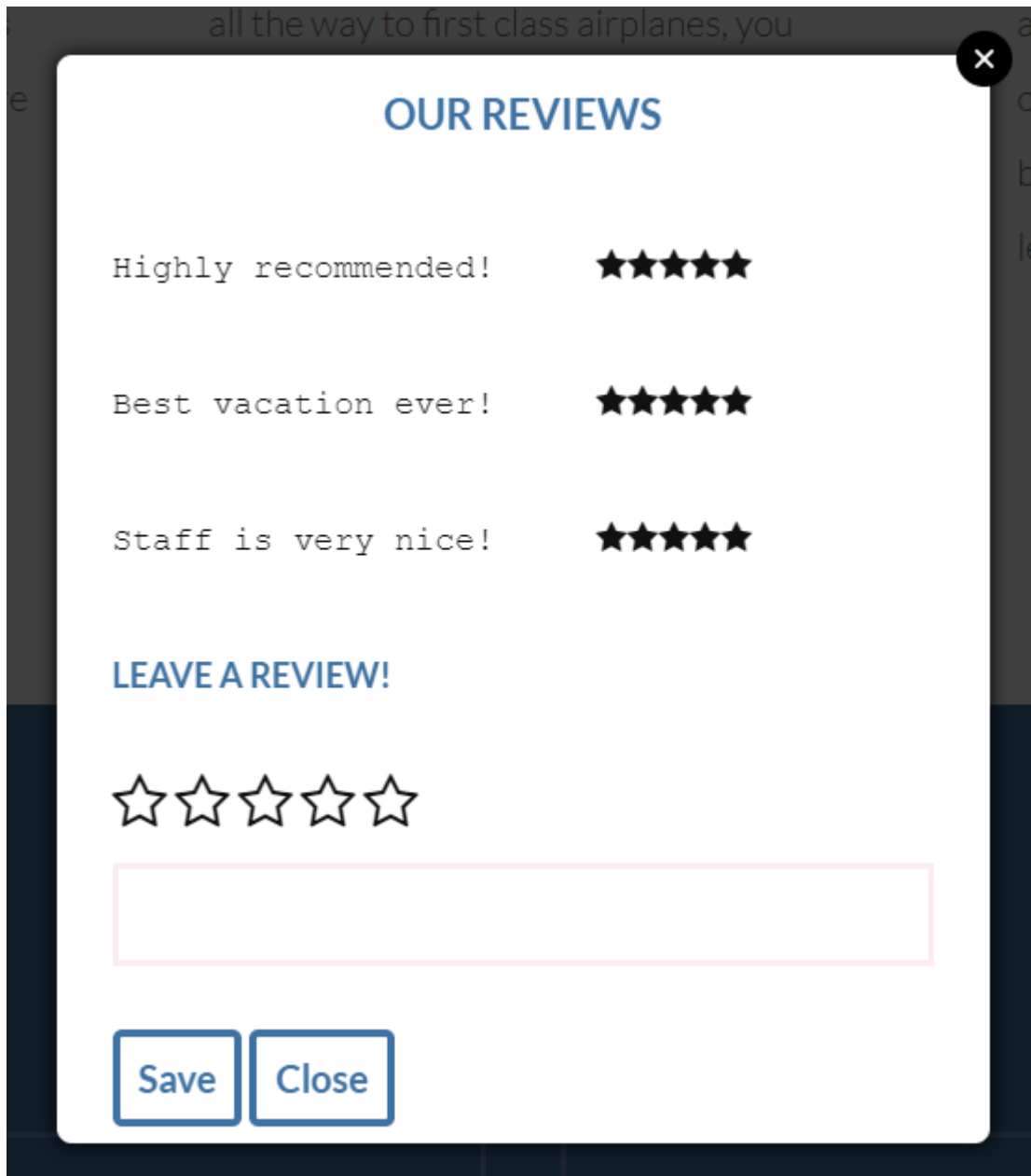


The image shows a modal window titled "TRANSPORTATION" with a close button (X) in the top right corner. The modal contains two sections. The first section is labeled "Please choose your mode of transportation:" and features a dropdown menu with the text "SELECT" inside a light red border. The second section is labeled "Please choose the number of passengers:" and contains three radio button options: "1", "2", and "3". At the bottom of the modal, there are two buttons: "Save" and "Close".

Modal sadrži drop-down listu, koja je dinamički ispisana uz pomoć JavaScript-a, pomoću koje se može izabrati tip prevoza i radio input sa kojim se bira broj putnika.



#### 2.3.4.3 Index.html - #three review modal



Radi manje ponavljanja zvezdice ispisane u kritikama su dinamički ispisane preko JavaScript-a, takođe zvezdice sa kojima mi ostavljamo našu kritiku su povezane sa 5 JavaScript funkcija koje menjaju prazne zvezdice u pune u zavisnosti na koju korisnik klikne.

### 2.3.5 Index.html - #footer

GET IN TOUCH WITH US

NAME

EMAIL

MESSAGE

SEND MESSAGE

© Untitled Design: TEMPLATED - Made by: LAZAR PETROVIC 12/5/19 f t @ in

Cela forma kontakt dela stranice je povezana sa JavaScript-om i u odnosu na to što korisnik unese i pokuša da pošalje izbacuje poruke.

Svaka forma reaguje na manjak karaktera i izbacuje upozorenje pored imena polja u kojem se desila greška ukoliko je premali broj karaktera, ukoliko korisnik unese vrednosti u polje kako treba animirani štiklić će se pojaviti pored tačno unesenog polja i ako su sva 3 polja ispravna, ispisaće se poruka korisniku da je poruka uspešno poslata zajedno sa vremenom kada je poslata.

U samom futeru se dinamički ispisuju funkcionalne social media ikonice.

Link pored njih vodi na sa mojim imenom vodi na about.html stranicu.

### 2.3.6 About.html

Header i futer iz index.html-a su kopirani i u about.html, za ispisivanje sadržaja navigacije i ikonica je morao da se ispiše drugi JavaScript kod, zato što bi navigacija vodila na lokacije koje ne postoje, pa je href promenjen da na koji god element navigacije kliknemo on nas odvede na index.html stranicu umesto na neki nepostojeći div.

## ABOUT ME



Name: Lazar Petrovic

Index: 125/19

Location: Obrenovac, Serbia

C, C#, Javascript, HTML, CSS and SQL

Najosnovnije informacije o meni i takođe link do mog portfolia na github-u.

## 3 Kodovi

### 3.1 HTML

#### 3.1.1 Index.html

```
<!DOCTYPE HTML>
<html lang="en">
  <head>
    <title>Travel Advisor</title>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1, user-scalable=no" />
    <meta name="author" content="Lazar Petrović">
    <meta name="keywords" content="travel, advisor, destination, summer, vacation">
    <meta name="description" content="Home page of Travel Advisor, a place for affordable vacations!">
    <link rel="shortcut icon" type="icon" href="images/favicon.ico"/>
    <link rel="stylesheet" type="text/css" href="assets/css/main.css" />
    <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/jquery-modal/0.9.1/jquery.modal.min.css"/>
```

```

    <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com
/ajax/libs/slick-carousel/1.8.1/slick.min.css"/>
    <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com
/ajax/libs/slick-carousel/1.8.1/slick-theme.min.css"/>
    <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/lib
s/jquery/3.0.0/jquery.min.js"></script>
    <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/lib
s/jquery-modal/0.9.1/jquery.modal.min.js"></script>
    <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/lib
s/slick-carousel/1.8.1/slick.min.js"></script>
</head>
<body>
    <div id="review" class="modal">
        <h4 id="heads">Our reviews</h4>
        <pre id="rev1">Highly recommended! </pre>
        <pre id="rev2">Best vacation ever! </pre>
        <pre id="rev3">Staff is very nice! </pre>
        <label>Leave a review!</label>
        <div id="stars">
            <i class="icon fa-star-o" id="star1" onclick="review1()"></i>
            <i class="icon fa-star-o" id="star2" onclick="review2()"></i>
            <i class="icon fa-star-o" id="star3" onclick="review3()"></i>
            <i class="icon fa-star-o" id="star4" onclick="review4()"></i>
            <i class="icon fa-star-o" id="star5" onclick="review5()"></i>
        </div>
        <input type="text" maxlength="20"/>
        <br/>
        <a href="#" rel="modal:close" id="modalButton">Save</a>
        <a href="#" rel="modal:close" id="modalButton">Close</a>
    </div>
    <div id="book" class="modal">
        <h4 id="heads">Booking</h4>
        <pre>Arrival: <input type="date" id="start" name="trip-
start" value="2020-12-08" min="2020-05-22" max="2025-05-22"></pre>
        <pre>Departure: <input type="date" id="start" name="trip-
start" value="2025-12-08" min="2020-05-22" max="2025-05-22"></pre>
        <a href="#" rel="modal:close" id="modalButton">Save</a>
        <a href="#" rel="modal:close" id="modalButton">Close</a>
    </div>
    <div id="trans" class="modal">
        <h4 id="heads">Transportation</h4>
        <p>Please choose your mode of transportation: <select id="mod"></sele
ct></p>
        <p>Please choose the number of passengers:</p>
        <input type="radio" id="one" name="passenger" value="one">

```

```

        <label for="one">1</label><br>
        <input type="radio" id="two" name="passenger" value="two">
        <label for="two">2</label><br>
        <input type="radio" id="three" name="passenger" value="three">
        <label for="three">3</label>
        <br/><br/>
        <a href="#" rel="modal:close" id="modalButton">Save</a>
        <a href="#" rel="modal:close" id="modalButton">Close</a>
    </div>
    <header id="header">
        <div class="inner">
            <a href="index.html" class="logo">Travel Advisor</a>
            <nav id="nav"></nav>
        </div>
    </header>
    <a href="#menu" onclick="Burger()" class="navPanelToggle"><span class
="fa fa-bars"></span></a>
    <div id="burgerContent">
        <ul>
            <li><a href="#one" onclick="Close()">Home</a></li>
            <li><a href="#two" onclick="Close()">About</a></li>
            <li><a href="#three" onclick="Close()">Offers</a></li>
            <li><a href="#footer" onclick="Close()">Contact</a></li>
        </ul>
    </div>
    <section id="banner">
        <div class="inner">
            <h1>Welcome! <span>Prepare for<br/> a vacation of your lifeti
me!</span></h1>
            <ul class="actions">
                <li><a href="#one" class="button alt">Get Started</a></li
>
            </ul>
        </div>
    </section>
    <section id="one">
        <div class="inner">
            <header>
                <h2>A time of your life guarantee!</h2>
            </header>
            <p>We promise you that you have never been on vacations like
these! But you don't have to take our word for it, let this site guide you throug
h the process and also show off the places our happy customers have enjoyed that
you could be enjoying too if you give us a chance to win you over!</p>
            <ul class="actions">

```

```

        <li><a href="#two" class="button alt">Learn More</a></li>
    </ul>
</div>
</section>
<section id="two">
    <h1 id="heads">ABOUT US</h1>
    <div class="inner">
        <article>
            <div class="content">
                <header>
                    <h3>Who we are</h3>
                </header>
                <div class="image fit">
                    
                </div>
                <p>We are a traveling agency based in Belgrade, Serbi
a that will help you pick the best vacation that you've ever been on! We offer th
e best destinations for very affordable prices.</p>
            </div>
        </article>
        <article class="alt">
            <div class="content">
                <header>
                    <h3>What we do</h3>
                </header>
                <div class="image fit" id="vacation">
                    <div></div>
                    <div></div>
                    <div></div>
                    <div></div>
                    <div></div>
                </div>
                <p>We parse through all information and bookings we c
an possibly get our hands on so you don't have to and try to offer you the most l
uxury for the most reasonable price.</p>
            </div>
        </article>
    </div>
</section>

```

```

<section id="three">
  <h1 id="heads">What we offer</h1>
  <div class="inner">
    <article>
      <div class="content">
        <span class="icon fa-calendar"></span>
        <header>
          <h3>Flexible Dates</h3>
        </header>
        <p>Have you ever had problems with your time of arrival or departure not fitting in with your schedule? Worry not! We offer flexible dates that can be changed whenever you feel like it, we go even as far as allowing changes only days before the trip is supposed to take place with no additional charges!</p>
        <ul class="actions">
          <li><a href="#book" rel="modal:open" class="button alt">Book your travel!</a></li>
        </ul>
      </div>
    </article>
    <article>
      <div class="content">
        <span class="icon fa-plane"></span>
        <header>
          <h3>Transportation</h3>
        </header>
        <p>We offer a lot of different kinds of modes of transportation to fit your needs and most importantly, your budget too. From small vans and buses all the way to first class airplanes, you name it, we got it parked outside waiting for you! Buckle up and get ready for the best vacation ever!</p>
        <ul class="actions">
          <li><a href="#trans" rel="modal:open" class="button alt">Select your transport!</a></li>
        </ul>
      </div>
    </article>
    <article>
      <div class="content">
        <span class="icon fa-thumbs-up"></span>
        <header>
          <h3>User Reviews</h3>
        </header>
        <p>Those pesky hotel stars are not always the best way of telling which place will offer the best services, so our site also comes equipped with user ratings and average scores for each country that our users have b

```

```

een to, telling you the best spots and sharing what they learned on their trip!</
p>
        <ul class="actions">
            <li><a href="#review" rel="modal:open" class="but
ton alt">See our ratings!</a></li>
        </ul>
    </div>
</article>
</div>
</section>
<section id="footer">
    <div class="inner">
        <header>
            <h1 id="heads">GET IN TOUCH WITH US</h1>
        </header>
        <form method="post" action="#" onsubmit="return false">
            <div class="field half first">
                <label id="ime" for="name">Name</label>
                <input type="text" name="name" id="name" />
            </div>
            <div class="field half">
                <label id="mejl" for="email">Email</label>
                <input type="text" name="email" id="email" />
            </div>
            <div class="field">
                <label id="poruka" for="message">Message</label>
                <textarea name="message" id="message" rows="6"></text
area>
            </div>
            <ul class="actions">
                <li><input type="submit" value="Send Message" class="
alt" onclick="Klik()" /></li>
            </ul>
            <br/>
            <br id="delete"/>
            <p id="userMessage"></p>
        </form>
        <div class="copyright">
            <p id="fut">&copy; Untitled Design: <a href="https://temp
lated.co/">TEMPLATED</a> Made by: <a href="about.html">LAZAR PETROVIC 125/19</a><
/p>
            <p id="fut"><a href="DOKUMENTACIJA.pdf">DOCUMENTATION</a>
</p>
        </div>
    </div>
</div>

```



```

        </section>
        <script type="text/javascript" src="assets/js/carousel.min.js"></script>
        <script type="text/javascript" src="assets/js/generate.min.js"></script>
        <script type="text/javascript" src="assets/js/submit.min.js"></script>
        <script type="text/javascript" src="assets/js/hamburger.min.js"></script>
    </body>
</html>

```

### 3.1.2 About.html

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Travel Advisor</title>
        <meta charset="utf-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1, user-
scalable=no" />
        <meta name="author" content="Lazar Petrović">
        <meta name="keywords" content="travel, advisor, about, github, vacation">
        <meta name="description" content="How to get in touch with the creator of
Travel Advisor.">
        <link rel="shortcut icon" type="icon" href="images/favicon.ico"/>
        <link rel="stylesheet" href="assets/css/main.css" />
    </head>
    <body>
        <header id="header">
            <div class="inner">
                <a href="index.html" class="logo">Travel Advisor</a>
                <nav id="nav"></nav>
            </div>
        </header>
        <a href="#menu" onclick="Burger()" class="navPanelToggle"><span class="fa
fa-bars"></span></a>
        <div id="burgerContent">
            <ul>
                <li><a href="index.html" onclick="Close()">Home</a></li>
                <li><a href="index.html" onclick="Close()">About</a></li>
                <li><a href="index.html" onclick="Close()">Offers</a></li>
                <li><a href="index.html" onclick="Close()">Contact</a></li>
            </ul>
        </div>
        <section id="two">
            <h1 id="heads">ABOUT ME</h1>
            <div class="inner" id="aboutMe">
                <article>
                    <div class="content">
                        <div class="image fit">

```

```

        </div>
        <p>Name: Lazar Petrovic</p>
        <p>Index: 125/19</p>
        <p>Location: Obrenovac, Serbia</p>
        <p>C, C#, Javascript, HTML, CSS and SQL</p>
    </div>
</article>
</div>
</section>
<section id="footer">
    <div class="inner">
        <header>
            <h1 id="heads">GET IN TOUCH WITH ME</h1>
        </header>
        <form method="post" action="#" onsubmit="return false">
            <div class="field half first">
                <label id="ime" for="name">Name</label>
                <input type="text" name="name" id="name" />
            </div>
            <div class="field half">
                <label id="mejl" for="email">Email</label>
                <input type="text" name="email" id="email" />
            </div>
            <div class="field">
                <label id="poruka" for="message">Message</label>
                <textarea name="message" id="message" rows="6"></textarea>
            </div>
            <ul class="actions">
                <li><input type="submit" value="Send Message" class="alt"
onclick="Klik()" /></li>
            </ul>
            <br/>
            <br id="delete"/>
            <p id="userMessage"></p>
        </form>
        <div class="copyright">
            <p id="fut">&copy; Untitled Design: <a href="https://template
d.co/">TEMPLATED</a> Made by: <a href="#">LAZAR PETROVIC 125/19</a></p>
            <p id="fut"><a href="DOKUMENTACIJA.pdf">DOCUMENTATION</a></p>
        </div>
    </div>
</section>

```

```

        <script type="text/javascript" src="assets/js/aboutGenerate.min.js"></script>
    </body>
</html>

```

## 3.2 CSS

### 3.2.1 Uvod i CSS od plugin-a

U ovu sekciju ću kopirati samo CSS koji sam ja dodao, CSS od template-a ima oko 3000 linija koda i nalazi se na linku koji sam postavio ranije u dokumentaciji. CSS od template-a i moj CSS i dodaci i modifikacije njemu su svi pisani unutar istog fajla.

Linkovi za CSS od plugin-a koje sam koristio:

Font Awesome CSS: <https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.css>

jQuery Modal CSS: <https://cdnjs.cloudflare.com/ajax/libs/jquery-modal/0.9.1/jquery.modal.css>

jQuery Slick Carousel CSS: <https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.8.1/slick.css>

jQuery Slick Carousel Theme CSS: <https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.8.1/slick-theme.css>

### 3.2.2 Moj CSS

```

@keyframes fade {
    from {opacity: 0.75;}
    to {opacity: 1;}
}
@keyframes fadein {
    from {opacity: 0;}
    to {opacity: 1;}
}
.content {
    display: flex;
    flex-direction: column;
    align-items: center;
}
#heads {
    text-align: center;
    padding-bottom: 25px;
}
#fut {
    text-align: center;
}

```

```

#fut a {
    padding: 5px;
}
#slika {
    border-color: #3D72A4;
    border-width: 4px;
    border-style: solid;
    border-radius: 5px;
}
#burgerContent {
    display: none;
    text-align: center;
    background-color: #292929;
    position: sticky;
    top: 80px;
    z-index: 1;
    border-bottom: #1c1c1c solid 5px;
}
#burgerContent ul {
    list-style-type: none;
}
#burgerContent ul li a {
    text-decoration: none;
    color: white;
}
#burgerContent ul li a:hover {
    color: #3D72A4
}
#aboutMe {
    display: flex;
    justify-content: center;
}
#modalButton {
    border-color: #3D72A4;
    border-width: 4px;
    border-style: solid;
    padding: 10px;
    border-radius: 5px;
    font-weight: bold;
    text-decoration: none;
}
#modalButton:hover {
    background-color: #3D72A4;
    color: white;
}

```

```

#stars i {
    font-size: 32px;
}
.slick-prev:before {
    color: #3D72A4 !important;
}
.slick-next:before {
    color: #3D72A4 !important;
}
.slick-dots li button:before {
    color: #3D72A4 !important;
}

```

## 3.3 Moj JavaScript

### 3.3.1 Generate.JS

```

// Generisanje sadržaja navigacije
var sadrzaj = new Array("Home", "About", "Offers", "Contact");
var div = new Array("one", "two", "three", "footer");
var nav = document.getElementById("nav");
for(var i = 0; i < sadrzaj.length; i++) {
    var link = document.createElement("a");
    var navSadrzaj = document.createTextNode(sadrzaj[i]);
    link.appendChild(navSadrzaj);
    link.setAttribute("href", "#" + div[i]);
    nav.appendChild(link);
}

// Generisanje social media ikonice u footeru
var ikonice = new Array("facebook", "twitter", "instagram", "linkedin");
var futer = document.querySelector("#fut");
for(var k = 0; k < ikonice.length; k++) {
    var elementIkonice = document.createElement("a");
    elementIkonice.setAttribute("class", "icon" + " " + "fa-" + ikonice[k]);
    elementIkonice.setAttribute("href", "https://www." + ikonice[k] + ".com");
    elementIkonice.setAttribute("target", "_blank");
    futer.appendChild(elementIkonice);
}

// Generisanje drop down liste za modal gde se bira tip transporta
var opcije = new Array("SELECT", "Van", "Bus", "Plane");
var mod = document.getElementById("mod");
for(var j = 0; j < opcije.length; j++) {
    var elementOpcije = document.createElement("option");
    elementOpcije.innerHTML = opcije[j];
    mod.appendChild(elementOpcije);
}

```

```

}
// Generisanje zvezdica u review modalu
var rev1 = document.getElementById("rev1");
var rev2 = document.getElementById("rev2");
var rev3 = document.getElementById("rev3");
for(var l = 0; l < 5; l++) {
    let zvezda = document.createElement("i");
    zvezda.setAttribute("class", "icon fa-star");
    rev1.appendChild(zvezda);
}
for(var a = 0; a < 5; a++) {
    let zvezda = document.createElement("i");
    zvezda.setAttribute("class", "icon fa-star");
    rev2.appendChild(zvezda);
}
for(var b = 0; b < 5; b++) {
    let zvezda = document.createElement("i");
    zvezda.setAttribute("class", "icon fa-star");
    rev3.appendChild(zvezda);
}
// Uzima prazne zvezdice iz modala za ostavljanje user review-a
var star1 = document.getElementById("star1");
var star2 = document.getElementById("star2");
var star3 = document.getElementById("star3");
var star4 = document.getElementById("star4");
var star5 = document.getElementById("star5");
// Funkcije koje pretvaraju prazne zvezdice u pune u zavisnosti na koju kliknemo
function review1() {
    star1.setAttribute("class", "icon fa-star");
    star2.setAttribute("class", "icon fa-star-o");
    star3.setAttribute("class", "icon fa-star-o");
    star4.setAttribute("class", "icon fa-star-o");
    star5.setAttribute("class", "icon fa-star-o");
}
function review2() {
    star1.setAttribute("class", "icon fa-star");
    star2.setAttribute("class", "icon fa-star");
    star3.setAttribute("class", "icon fa-star-o");
    star4.setAttribute("class", "icon fa-star-o");
    star5.setAttribute("class", "icon fa-star-o");
}
function review3() {
    star1.setAttribute("class", "icon fa-star");
    star2.setAttribute("class", "icon fa-star");
    star3.setAttribute("class", "icon fa-star");

```

```

    star4.setAttribute("class", "icon fa-star-o");
    star5.setAttribute("class", "icon fa-star-o");
}
function review4() {
    star1.setAttribute("class", "icon fa-star");
    star2.setAttribute("class", "icon fa-star");
    star3.setAttribute("class", "icon fa-star");
    star4.setAttribute("class", "icon fa-star");
    star5.setAttribute("class", "icon fa-star-o");
}
function review5() {
    star1.setAttribute("class", "icon fa-star");
    star2.setAttribute("class", "icon fa-star");
    star3.setAttribute("class", "icon fa-star");
    star4.setAttribute("class", "icon fa-star");
    star5.setAttribute("class", "icon fa-star");
}

```

### 3.3.2 Hamburger.JS

```

// Otkriva sakriven meni i ukoliko korisnik klikne ponovo ga takodje zatvara
function Burger() {
    var content = document.getElementById("burgerContent");
    if(content.style.display == "block") {
        content.style.display = "none";
    }
    else {
        content.style.display = "block";
        content.style.animationName = "fade";
        content.style.animationDuration = "1s";
    }
}
// Zatvara meni ukoliko korisnik klikne na jednu od opcija
function Close() {
    var content = document.getElementById("burgerContent");
    content.style.display = "none";
}

```

### 3.3.3 Submit.JS

```

// Funkcija koja se izvrsava kad kliknemo submit
function Klik() {
    // Hvata elemente forme i elemente dodataka
    var userMessage = document.getElementById("userMessage");
    var razmak = document.getElementById("delete");
}

```

```

var email = document.getElementById("email");
var name = document.getElementById("name");
var message = document.getElementById("message");

// Hvata njihove vrednosti
var mejl = email.value;
var ime = name.value;
var poruka = message.value;
// Broj errora
var errorCount = 0;
// Ukoliko je duzina premala hvata se label iznad polja i menja se da prikaze
korisniku u cemu je problem
if(mejl.length < 5) {
    var emailPoruka = document.getElementById("mejl");
    emailPoruka.innerHTML = "EMAIL (YOUR EMAIL IS TOO SHORT)";
    errorCount++;
}
if(ime.length < 3) {
    var imePoruka = document.getElementById("ime");
    imePoruka.innerHTML = "NAME (YOUR NAME IS TOO SHORT)";
    errorCount++;
}
if(poruka.length < 15) {
    var msgPoruka = document.getElementById("poruka");
    msgPoruka.innerHTML = "MESSAGE (YOUR MESSAGE IS TOO SHORT)";
    errorCount++;
}
// Vraca label iznad polja na staro i dodaje checkmark kada korisnik unese vr
ednost u polje kako treba i vrsi se dekrementacija errorCount-a
if(mejl.length >= 5) {
    let checkmark = document.createElement("i");
    checkmark.style.animationName = "fadein";
    checkmark.style.animationDuration = "1s";
    checkmark.setAttribute("class", "fa fa-check");
    var emailPoruka = document.getElementById("mejl");
    emailPoruka.innerHTML = "EMAIL";
    emailPoruka.appendChild(checkmark);
    errorCount--;
}
if(ime.length >= 3) {
    let checkmark = document.createElement("i");
    checkmark.style.animationName = "fadein";
    checkmark.style.animationDuration = "1s";
    checkmark.setAttribute("class", "fa fa-check");
    var imePoruka = document.getElementById("ime");

```



```

        imePoruka.innerHTML = "NAME";
        imePoruka.appendChild(checkmark);
        errorCount--;
    }
    if(poruka.length >= 15) {
        let checkmark = document.createElement("i");
        checkmark.style.animationName = "fadein";
        checkmark.style.animationDuration = "1s";
        checkmark.setAttribute("class", "fa fa-check");
        var msgPoruka = document.getElementById("poruka");
        msgPoruka.innerHTML = "MESSAGE";
        msgPoruka.appendChild(checkmark);
        errorCount--;
    }
    // Ako je errorCount = 0 ili -
    3 to znaci da je sve u redu i izbacuje se poruka korisniku da je poruka uspesno p
    oslata i kada je poslata
    if(errorCount == 0 || errorCount == -3) {
        razmak.style.display = "none";
        userMessage.textContent = "Thank you " + ime + "! Your message was sent s
    uccessfully!";
    }
    // ako je bilo koja druga vrednost izbacujemo poruku korisniku da poruka nije
    poslata
    else {
        razmak.style.display = "none";
        userMessage.textContent = "We are sorry! An error occured and your messag
    e was not sent.";
    }
}

```

### 3.3.4 aboutGenerateJS

```

// Generisanje sadrzaja navigacije za about
var sadrzaj = new Array("Home", "About", "Offers", "Contact");
var nav = document.getElementById("nav");
for(var i = 0; i < sadrzaj.length; i++) {
    var link = document.createElement("a");
    var navSadrzaj = document.createTextNode(sadrzaj[i]);
    link.appendChild(navSadrzaj);
    link.setAttribute("href", "index.html");
    nav.appendChild(link);
}
// Generisanje social media ikonica u footeru od about-a
var ikonice = new Array("facebook", "twitter", "instagram", "linkedin");

```

```

var futer = document.querySelector("#fut");
for(var k = 0; k < ikonice.length; k++) {
    var elementIkonice = document.createElement("a");
    elementIkonice.setAttribute("class", "icon" + " " + "fa-" + ikonice[k]);
    elementIkonice.setAttribute("href", "https://www." + ikonice[k] + ".com");
    elementIkonice.setAttribute("target", "_blank");
    futer.appendChild(elementIkonice);
}

```

## 3.4 JQuery

### 3.4.1 Plugin

Linkovi za plugin kod:

JQuery: <https://cdnjs.cloudflare.com/ajax/libs/jquery/3.0.0/jquery.js>

JQuery Modal: <https://cdnjs.cloudflare.com/ajax/libs/jquery-modal/0.9.1/jquery.modal.js>

JQuery Slick Carousel: <https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.8.1/slick.js>

### 3.4.2 Carousel.JS

```

$('#vacation').slick({
    fade: true,
    cssEase: 'ease-in-out',
    autoplay: true,
    autoplaySpeed: 1000,
    dots: true
});

```