

Visoka škola strukovnih studija za informacije i  
komunikacione tehnologije

# Travel

<https://pavlez.github.io/travel/>

Smer: Internet tehnologije

Predmet: Web programiranje 1

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## 1. UVOD

### 1.1. Korišćene tehnologije

- HTML 5
- CSS 3

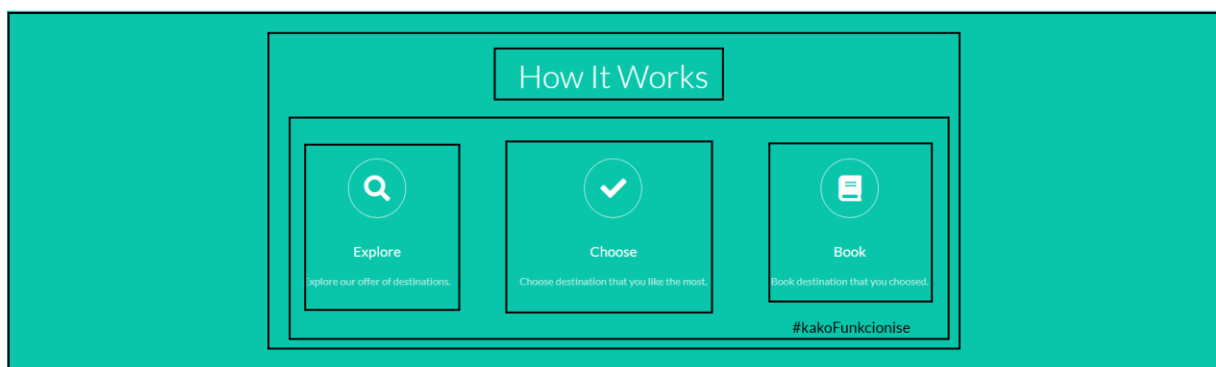
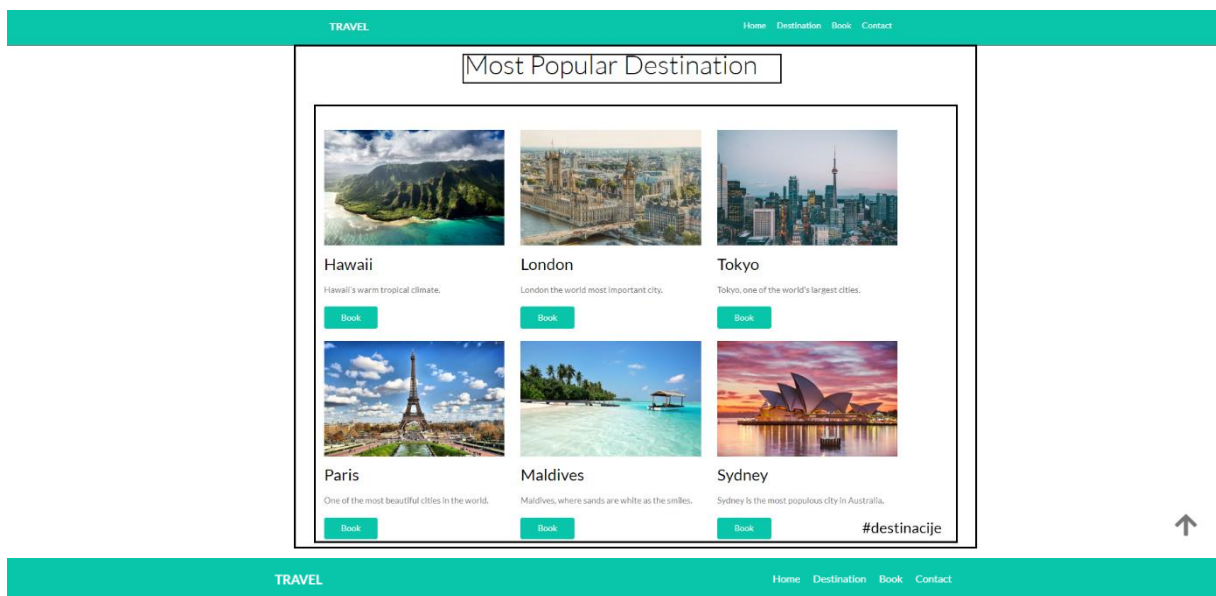
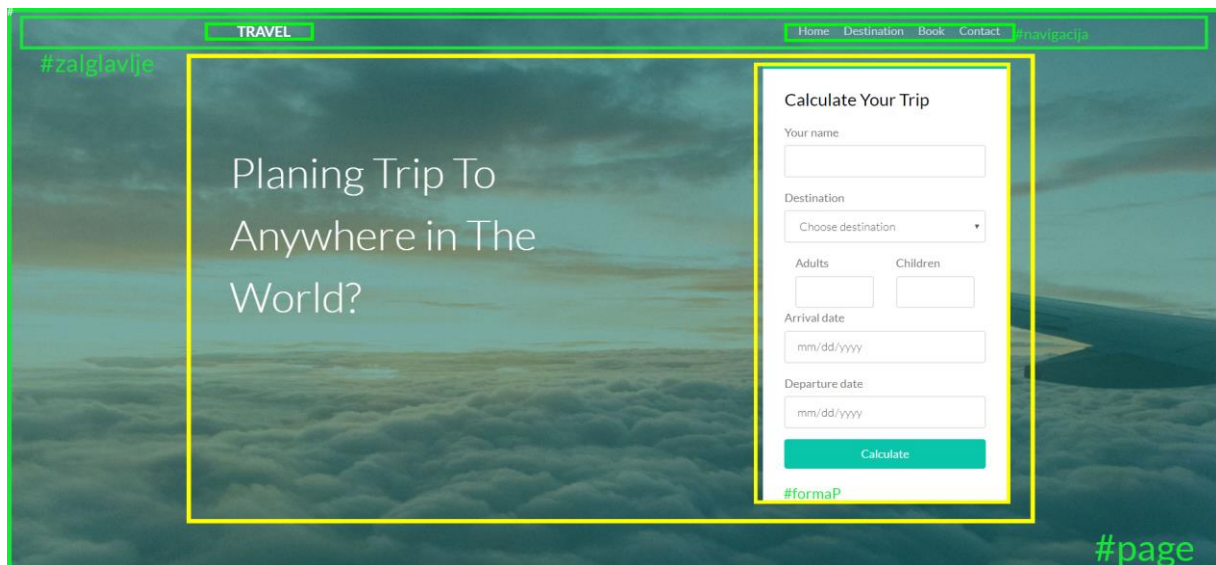
- JavaScript
- jQuery

## 1.2. Opis funkcionalnosti sajta

- Nakon vertikalnog skrolovanja celo zaglavlje (logo + meni) se spušta menja pozadinsku boju i fiksira se uz gornju ivicu.
- Omogućen hamburger meni koji se pojavljuje nakon smanjenja širine browser-a, klikom na tu ikonicu ostvareno je naizmjenično prikazivanje-sakrivanje menija.
- Dinamički kreirana forma za izračunavanje cene putovanja na osnovu određenih parametara, forma koristi regularne izraze za proveru.
- Dinamički kreirane destinacija, klikom na taster “book” direktno se “skače” na formu koja služi za bukiranje putovanja pritom za destinaciju se automatski podešava destinacija na koju ste kliknuli book.
- Dinamički kreirana forma za bukiranje putovanja, koja koristi regularne izraze za proveru ispravnosti podataka i uvedena je funkcija koja dinamički, slučajnim izborom kreira string koji služi kako dodatna provera
- Dinamička kreirana kontakt forma koja za proveru ispravnosti podataka koristi regularne izraze.
- Dinamički kreirana strelica koja se pojavljuje pri skrolovanju i omogućava vraćanje na vrh.

## 1.3. Template

Template preuzet sa [free-css.com](http://free-css.com), izvršene su određene modifikacije.



TRAVEL

Home Destination Book Contact

Book your Trip

First name

Last name

Email

Destination

Arrival date

Departure date

Captcha

Verification

Uv8Wm6

Book

#bukirajPutovanje

#bukPozadina

TRAVEL

Home Destination Book Contact

Contact

Get in touch

Your name

Email

Message

Send

#kontaktForma

Contact informations

California, USA

+2392.3929210

info@travel.com


#kinformacije

TRAVEL

Home Destination Book Contact

Send

Author




Pavle Zivanovic

Hopefully back-end developer

#idiGore

Sitemap Documentation



## 2. Organizacija

### 2.1. Organizaciona šema

Single page sajt.

### 2.2. Mapa sajta

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
```

```
<url>
```

```
<loc>
```

```
https://pavlez.github.io/travel/index.html
```

```
</loc>
```

```
<lastmod>2019-12-7</lastmod>
```

```
<changefreq>weekly</changefreq>
```

```
<priority>1</priority>
```

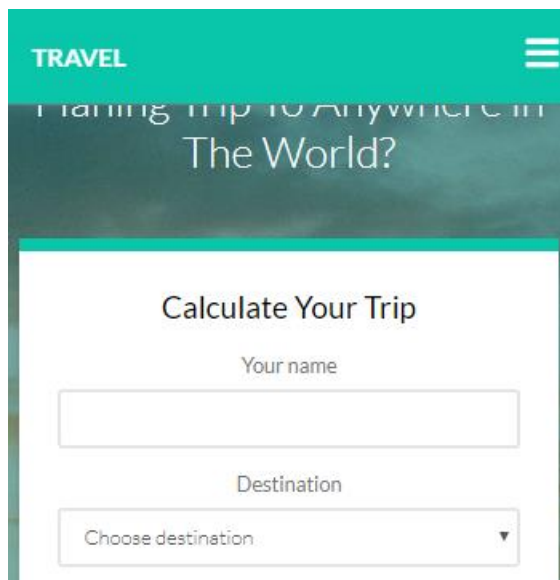
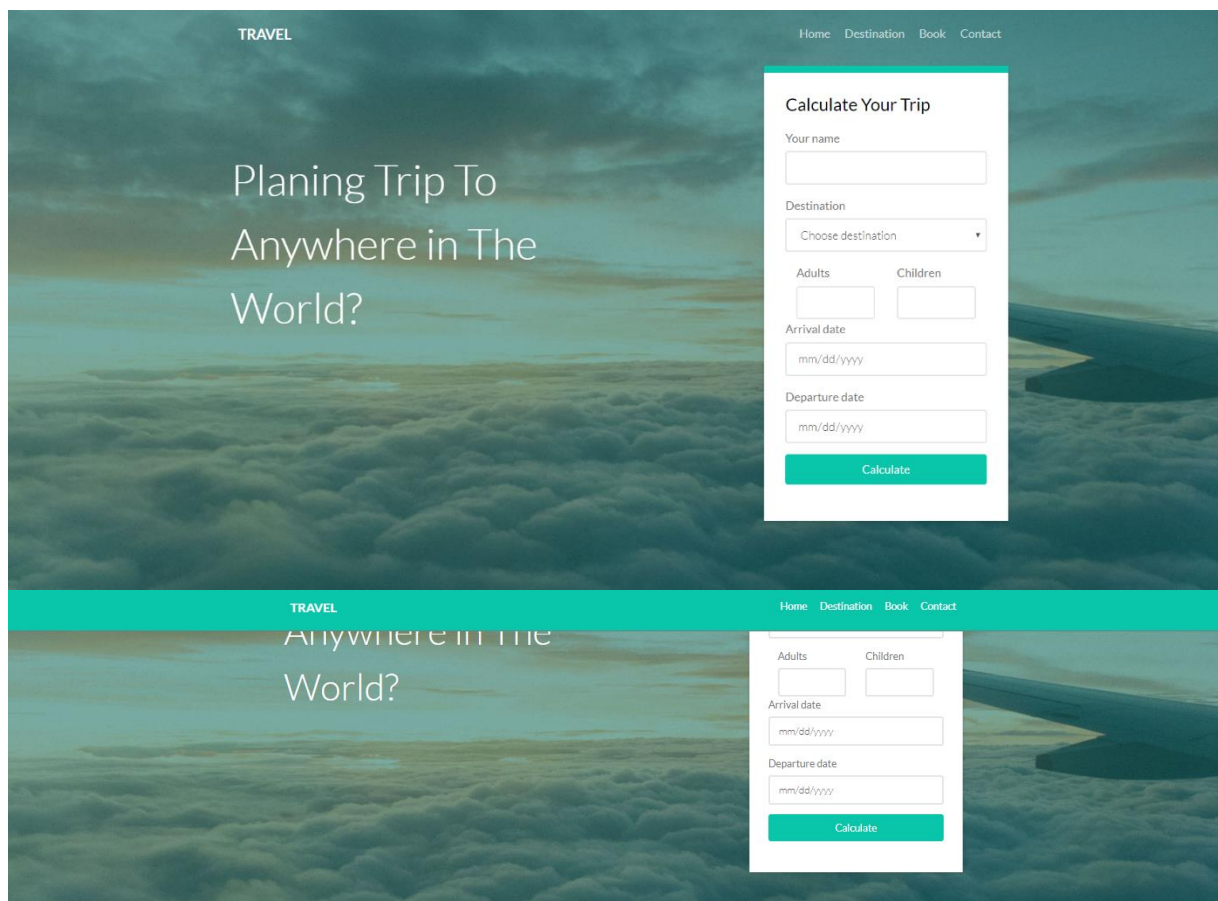
```
</url>
```

```
</urlset>
```

### 2.3. Opis stranica sajta

Skrolovanjem celo zaglavlje se fiksira i poprima pozadinsku boju. Smanjenjem širine browser-a Pojavljuje se hamburger ikonica, klikom na nju prikazuje se odnosno sakriva navigacija.

Forma za proračun cene putovanja je generisana iz JavaScript-a, klikom na dugme Calculate proveravaju se podaci koji su uneseni, provera se vrši regularnim izrazima., ako su podaci u dobrom formatu prikazaće se cena u dolarima.





## Calculate Your Trip

Your name

Destination

## Calculate Your Trip

Your name

Destination

Adults

Children

Arrival date

Departure date

Calculate

Total cost of the trip:750\$



### Calculate Your Trip

Your name

Required field!

Destination

Choose destination ▼

You need to choose some destination!

Adults

Required!

Children

Required!

Arrival date

mm/dd/yyyy

Required field

Departure date

mm/dd/yyyy

Required field

Calculate

Destinacije se automatski generišu iz javascript-a, klikom na link book automatski se slajduje do forme preko koje se bukira putovanje i u dropdown listu se upisuje odnosno automatski selektuje vrednost ne destinacije na koju ste kliknuli book.

## Most Popular Destination



### Hawaii

Hawaii's warm tropical climate.

[Book](#)

### London

London the world most important city.

[Book](#)

### Tokyo

Tokyo, one of the world's largest cities.

[Book](#)

### Paris

One of the most beautiful cities in the world.

[Book](#)

### Maldives

Maldives, where sands are white as the smiles.

[Book](#)

### Sydney

Sydney is the most populous city in Australia.

[Book](#)

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Maldives, where sands are white as the smiles.

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### Sydney

Sydney is the most populous city in Australia.

[Book](#)

## Book your Trip

First name	Last name	Email
<input type="text"/>	<input type="text"/>	<input type="text"/>
Destination	Arrival date	Departure date
<input type="text" value="Sydney"/>	<input type="text" value="mm/dd/yyyy"/>	<input type="text" value="mm/dd/yyyy"/>
Captcha	Verification	
<input type="text" value="Bp6Ph5"/>	<input type="text"/>	
<input type="button" value="Book"/>		

Forma bukiraj putovanje proverava unos podataka koristeći regularne izraze, takođe za dodatnu proveru koristi se captcha koja se automatski generiše na svaki refresh u browser. Ako su uneti podaci u ispravnom format preikazuje se poruka o uspešnosti bukiranja

## Book your Trip

First name	Last name	Email
<input type="text" value="Pavle"/>	<input type="text" value="Zivanovic"/>	<input type="text" value="pavle.zivanovic@gmail.com"/>
Destination	Arrival date	Departure date
<input type="text" value="Sydney"/>	<input type="text" value="12/18/2019"/>	<input type="text" value="12/25/2019"/>
Captcha	Verification	
<input type="text" value="Bp6Ph5"/>	<input type="text" value="Bp6Ph5"/>	
<input type="button" value="Book"/>		

You have successfully booked your trip!

Kontakt forma proverava podatke o imenu I email adresi koristeći regularne izraze.

TRAVEL

HomeDestinationBookContact

Contact

Get in touch

Your name

Email

Message

Send

Contact informations

California, USA

+2 392 3929210

info@travel.com

### 3. Kodovi

#### 3.1. HTML

index.html

```
<!DOCTYPE HTML>

<html>
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>Travel</title>
    <link rel="shortcut icon" href="images/fav.ico" >
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta name="keywords" content="Travel,Trip,Destination,Book">
    <meta name="description" content="Travel is travel agency that provides most popular destinations over the globe. Our platform have a system that will calculate how your trip will cost.">

    <!-- Facebook and Twitter integration -->
```

```
<link href="https://fonts.googleapis.com/css?family=Lato:300,400,700" rel="stylesheet">
```

```
<!-- Themify Icons-->
```

```
<!-- Bootstrap -->
```

```
<link rel="stylesheet" href="css/bootstrap.css">
```

```
<!-- Theme style -->
```

```
<link rel="stylesheet" href="css/style.min.css">
```

```
<link rel="stylesheet" href="css/moj.min.css">
```

```
<!-- fafa icons-->
```

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.11.2/css/all.css" integrity="sha256-46qynGAKLSFpVbEBog43gvNhfr0j+BmWXdxFGV/Kvc=" crossorigin="anonymous" />
```

```
</head>
```

```
<body>
```

```
<div id="page">
```

```
<!-- <div class="page-inner"> -->
```

```
<nav class="gtco-nav" role="navigation" id="zaglavlje">
```

```
<div class="gtco-container">
```

```
<div class="row" >
```

```
<div class="col-sm-4 col-xs-4">
```

```
<div id="gtco-logo"><a href="index.html">Travel </a></div>
```

```
</div>
```

```
<div class="col-xs-8 text-right menu-1" id="navigacija">
```

```
<a href="#" class="hamb"><i class="fas fa-bars hamburger"></i></a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</nav>
```

```
<header id="gtco-header" class="gtco-cover gtco-cover-md " role="banner" >
```



```

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

<div id="gtco-features">
    <div class="gtco-container">
        <div class="row">
            <div class="col-md-8 col-md-offset-2 text-center gtco-
heading animate-box">
                <h2>How It Works</h2>

            </div>
        </div>
        <div class="row" id="kakoFunkcionise"> <!--Morace iz jsa-->

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

    <div class="gtco-cover gtco-cover-sm gtco-section bukPozadina">

        <div class="gtco-container relativan">
            <div class="row">
                <div class="col-md-8 col-md-offset-2 text-center gtco-
heading animate-box bytMargina bmg">
                    <h2 class="crniTekst">Book your Trip</h2>

                </div>
            </div>
            <div class="row" id="bukirajPutovanje"></div>
            <div class="row">

                <div class="col-md-8 col-md-offset-2 text-
center "id="uspesno">
                    <h3></h3>

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

```

```

<div id="gtco-subscribe">
  <div class="gtco-container">
    <div class="row animate-box">
      <div class="col-md-8 col-md-offset-2 text-center gtco-
heading">
        <h2>Contact</h2>

      </div>
    </div>
    <div class="row animate-box p-5">
      <div class="col-md-7 col-sm-12" id="kontaktForma">
        <h3 class="beliTekst">Get in touch</h3>
      </div>
      <div class="col-md-5 col-sm-12 mt" id="kInformacije">
        <h3 class="beliTekst text-center my-
1">Contact informations</h3>

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

<div id="gtco-features">
  <div class="gtco-container">
    <div class="row">
      <div class="col-md-8 col-md-offset-2 text-center gtco-
heading animate-box manjadm">
        <h2>Author</h2>

      </div>
    </div>
    <div class="row">

      <div class="col-md-12 text-center">
        

        <h2 class="vecagm">Pavle Zivanovic</h2>
        <p class="crniTekst">Hopefully back-
end developer</p>

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

```



```

        </div>
    </div>
</div>
<footer id="gtco-footer" role="contentinfo">

    <div class="row">
        <div class="col-md-12 col-sm-12 text-center">
            <p>
                <ul class="gtco-social-icons">

                    <li><a href="sitemap.xml" target="_blank">Site
emap</a></li>

                    <li><a href="#">Documentation</a></li>

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

</footer>

<div id="idiGore">
    <a href="#"><i class="fas fa-arrow-up strelica"></i></a>
</div>
</div>

<script src="js/jquery.min.js"></script>
<script src="js/main.min.js" type="text/javascript"></script>
</body>
</html>

```

## 3.2. CSS

moj.css

```
*{
    box-sizing: border-box !important;
}

.destinacija figure{
    position: relative;
}

.pozadina{
    background-image: url('../images/proba2.jpg') !important;
    background-repeat: no-repeat !important;
    background-size: cover !important;
    background-position: center center !important;
}

#gtco-features, #gtco-features-2, #gtco-products, #gtco-services, #gtco-
subscribe, #gtco-footer, .gtco-section{
    padding: 4em 0em !important;
}

.beliTekst{
    color: #fff !important;
}

#bukirajPutovanje{
    height: 100%;
}

.bytMargina{
    margin-bottom: 3em;
}

.krem{
    background: #09C6AB;
}

.relativan{
    position: relative;
}

.autorSlika{
    width: 30%;
    border-radius: 50%;
    text-align: center;
}

.manjadm{
    margin-bottom: 0px;
}

.vecagm{
    margin-top: 1em;
}
```

```
}

.centrirajPoHorizontali{
    margin:0px auto;
}
.bukForma,.kontF{
    color:#000;
    border:2px solid #000;
}
.bukFormaLabela{
    color:#000;
}
.mt{
    margin-top:0.3em;
}
.marginT{
    margin-top:3em;
}

.bukPozadina{
    background:#fff !important;
}
#meni ul{display: block;}
.kontF:focus{
    background: #fff!important;
    color:#0098EF!important;
}
#btnKontakt,.labK{
    color:#fff !important;
}
#btnKontakt:focus{
    color:#0098EF !important;
}
.crniTekst{
    color:#000;
}
textarea {
    resize: none;
}
#kInformacije ul{
    list-style: none;
}
#kInformacije li{

    padding:0.6em;
    text-align: center;
}
```

```
#kInformacije li a{
    color:#fff;
}
#kInformacije li a .faIkonica{
    font-size: 1.6em;
    margin-right:1.1em ;
}
#gtco-footer{
    padding:0 !important;
    margin: 0 !important;
}
.spustanjeMenija{
    position:fixed;
    top:0;
    left:0;
    background-color:#09C6AB;
    width:'100%';
    border-bottom:1px solid #777;
    transition:1s;
}
.mp{
    padding:0.3em 0em !important;
}.marginaG{
    margin-top:5em ;
}
.strelica{
    position: fixed;
    bottom:5%;
    right: 2%;
    z-index: 999;
    font-size:3em;

    border-radius:50% ;
    color: #777;
}
.vidiSe{
    display:block!important;
}
.neVidiSe{
    display:none!important;
}
.hamburger{
    color:#fff;
    font-size:1.8em;
    display:none !important;
}
.hamb{
    padding: 0px !important;
```

```
}
.bmg{
    margin-top:0;
    margin-bottom:0;
}
#captcha{
    position: relative;
}

#captcha::after{
    content: 'dsffsdf';
    position: absolute;
    display: block;
    top: 0;
    left: 0;

    width:20%;
    height: inherit;
    border-left:20px solid #0098EF;
}

@media screen and (min-width: 800px){
    .gtco-nav .menu-1, .gtco-nav .menu-2 {
        display: inline;
    }
}

@media screen and (max-width: 768px){
    .gtco-cover.gtco-cover-sm {
        height: auto;
    }
}

@media screen and (max-width: 991px){
    .gtco-cover.gtco-cover-sm {
        height: auto;
    }
}

@media screen and (max-width: 768px){
    .gtco-nav .menu-1, .gtco-nav .menu-2 {
        display: block;
    }
    .marginaG{
        margin-top:8em!important;
    }
    .autorSlika{
        width:50%;
    }
}
```

```

}
}
@media screen and (min-width: 551px){

    #meni ul{
        display:block!important;
    }

}
@media screen and (max-width: 550px){
    #meni ul li{
        display: block;
        margin-top: 5px;
    }
    #meni ul{
        display:none;
    }
    .hamburger{
        display:inline!important;
    }
}
}

```

### 3.3. JavaScript

```

var selektovanaDest="";
$(document).ready(function(){
    $(window).scroll(function(){
        if($(this).scrollTop()>50){
            $("#zaglavlje").addClass('spustanjeMenija');
            $("#meni ul li a").addClass('beliTekst');
        }
        else{
            $("#zaglavlje").removeClass('spustanjeMenija');
            $("#meni ul li a").removeClass('beliTekst');
        }
        if($(this).scrollTop() > 700){
            $(".strelica").removeClass("neVidiSe");
            $(".strelica").addClass("vidiSe");
        }
        else{

```

```

        $(".strelica").removeClass("vidiSe");
        $(".strelica").addClass("neVidiSe");

    }
});

$(".hamb").on('click',function(e){
    e.preventDefault();
    e.stopPropagation();
    $('#meni ul').slideToggle();
});
$(document).on("click","#home",function(e) {
    e.preventDefault();
    $('html,body').animate({
        scrollTop: $("#page").offset().top
    }, 2000);
});
$(document).on("click","#destination",function(e) {
    e.preventDefault();
    $('html,body').animate({
        scrollTop: $("#destinacije").offset().top-250
    }, 2000);
});
$(document).on("click","#book",function(e) {
    e.preventDefault();
    $('html,body').animate({
        scrollTop: $("#bukirajPutovanje").offset().top-200
    }, 2000);
});
$(document).on("click","#contact",function(e) {
    e.preventDefault();
    $('html,body').animate({
        scrollTop: $("#kontaktForma").offset().top-200
    }, 2000);
});
$(document).on("click","#idiGore",function(e) {
    e.preventDefault();
    $('html,body').animate({
        scrollTop: $("#page").offset().top
    }, 2000);
});

$(document).on("click",".bukItem",function(e) {
    e.preventDefault();
    selektovanaDest= $(this).attr("name");

```

```

        $('html,body').animate({
            scrollTop: $("#bukirajPutovanje").offset().top-200
        }, 2000);
        podesiDestinaciju();

    });

    $(document).on("scroll", ".bukItem", function(e) {
        e.preventDefault();

        $('html,body').animate({
            scrollTop: $("#bukirajPutovanje").offset().top-200
        }, 2000);

    });

});

window.onload=function(){
    napraviMeni();
    najDestinacije();
    napraviFormuProracunPutovanja();
    napraviKakoFunkcionise();
    napraviFormuBukirajPutovanje();
    napraviKontaktFormu();
    napraviPZaKontaktInformacije();
    document.getElementById("calcucalteBtn").addEventListener("click",proveraPr
oracunForme);
    document.getElementById("bookBtn").addEventListener("click",proveraBukForme
);
    document.getElementById("btnKontakt").addEventListener("click",proveraKonta
ktForme)
    generisiCaptachu();
}

function napraviMeni(){
    var nizStavkiMenija=['Home','Destination','Book','Contact'];

```



```

var nav=document.createElement('nav');
nav.setAttribute('id','meni');

document.querySelector("#navigacija").appendChild(nav);
var ispis="<ul>";
for(let i=0;i<nizStavkiMenija.length;i++){
    ispis+=`<li><a href="#" id="${nizStavkiMenija[i].toLowerCase()}">${nizStavkiMenija[i]}</a></li>`
}
ispis+=`</ul>`;
nav.innerHTML=ispis;
}

function najDestinacije(){
    var mpd=document.querySelector("#destinacije");
    var nizSlika=['hawaii','london','tokyo','paris','maldives','sydney'];
    var nizTekstaIspodSlike=["Hawaii's warm tropical climate. ","London the world most important city. ","Tokyo, one of the world's largest cities. ","One of the most beautiful cities in the world. ","Maldives, where sands are white as the smiles. ","Sydney is the most populous city in Australia."]
    var ispis="";
    for(let i=0;i<nizSlika.length;i++){
        ispis+=`
        <div class="col-lg-4 col-md-4 col-sm-6 destinacija">
            <figure class="rel">
                <div class="">
                    
                </div>
            </figure>
            <div class="fh5co-text">
                <h2>${nizSlika[i].charAt(0).toUpperCase()}${nizSlika[i].substr(1)}</h2>
                <p>${nizTekstaIspodSlike[i]}</p>
                <p><a href="#" class="btn btn-primary bukItem" name="${nizSlika[i]}">Book</a></p>
            </div>
        </div>`;
    }
    mpd.innerHTML=ispis;
}

var destinations=['Choose destination','Hawaii','London','Tokyo','Paris','Maldives','Sydney'];

```



```

        <div class="row form-group">
            <div class="col-md-12">
                <label for="${id[i]}">${textZaLabelu[i]}</label>
                <input type="${inputi[i]}" id="${id[i]}" class="form-
control"/>

                <span id="${id[i]}Greske"></span>

            </div>
        </div>`;
    }

    }
    ispis+=`
        <div class="form-group">
            <div class="col-md-12">
                <span id="cenaPutovanja"></span>
            </div>
        </div>`;

    forma.innerHTML=ispis;
    function napraviOpcijeZaDDL(){
        var rez="";
        for(let i=0;i<destinations.length;i++){
            rez+=`<option value="${destinations[i]}">${destinations[i]}</optio
n>`
        }
        return rez;
    }

    function napraviDugmeZaRacunanje(){
        var rez=`
        <div class="row form-group">
            <div class="col-md-12">
                <input type="${inputi[i]}" id="${id[i]}" class="btn btn-primary btn-
block" value="Calculate">
            </div>
        </div>`
        return rez;
    }
}
function napraviKakoFunkcionise(){
    var fafaIkonice=['fas fa-search','fas fa-check','fas fa-book'];

```

```

var veciTekst=['Explore','Choose','Book'];
var pasusi=['Explore our offer of destinations.','Choose destination that
you like the most.','Book destination that you choosed.'];
var divUkomeCeSeIspisati=document.querySelector("#kakoFunkcionise");
var ispis="";
for(let i=0;i<fafaIkonice.length;i++){
    if(fafaIkonice[i]=='fas fa-book'){
        ispis+=`
        <div class="col-md-4 col-sm-12">
        <div class="feature-center animate-box" >
            <span class="icon">
                <i class="${fafaIkonice[i]}"></i>
            </span>
            <h3>${veciTekst[i]}</h3>
            <p>${pasusi[i]}</p>
        </div>
        </div>`;
    }

    else{
        ispis+=`
        <div class="col-md-4 col-sm-6">
        <div class="feature-center animate-box" >
            <span class="icon">
                <i class="${fafaIkonice[i]}"></i>
            </span>
            <h3>${veciTekst[i]}</h3>
            <p>${pasusi[i]}</p>
        </div>
        </div>`;
    }
}
divUkomeCeSeIspisati.innerHTML=ispis;
}

function napraviFormuBukirajPutovanje(){
    var parent=document.querySelector("#bukirajPutovanje");
    var forma=document.createElement("form");
    forma.setAttribute("method","GET");
    forma.setAttribute("id","formaBukiraj");
    parent.appendChild(forma);
    var nizInputaZaFormu=['text','text','text','ddl','date','date','captcha',
    'button'];
    var nizTekstaZaLabelu=['First name','Last name','Email','Destination','Arr
ival date','Departure date','Verification',''];
    var idElemenata=['fName','lName','emailAdd','destDDL','dateAB','dateDB','v
erification','bookBtn'];

```

```

var ispis="";
for(let i=0;i<nizInputaZaFormu.length;i++){
    if(nizInputaZaFormu[i]=='captcha'){
        ispis+=`
        <div class="form-group ">
        <div class="col-md-2 col-sm-5">
            <label for="generCaptcha" class="bukFormaLabela">Captcha</label>

            <input type="text" id="generisanaCaptcha" class="form-control bukForma unutar" readonly/>

        </div>
        </div>

        <div class="form-group ">
        <div class="col-md-3 col-sm-7">
            <label for="${idElemenata[i]}" class="bukFormaLabela">${nizTekstaZaLabelu[i]}</label>
            <input type="text" id="${idElemenata[i]}" class="form-control bukForma unutar"/>
            <span id="${idElemenata[i]}Greska"></span>

        </div>
        </div>`;
    }else if(nizInputaZaFormu[i]=='button'){
        ispis+=`
        <div class="form-group">
        <div class="col-md-12 col-sm-12 ">
            <label for="${idElemenata[i]}" class="bukFormaLabela">${nizTekstaZaLabelu[i]}</label>
            <input type="${nizInputaZaFormu[i]}" id="${idElemenata[i]}" class="form-control bukForma" value="Book"/>
            <span id="${idElemenata[i]}Greska"></span>

        </div>
        </div>`;
    }
    else if(nizInputaZaFormu[i]=='ddl'){
        ispis+=`<div class="form-group ">
        <div class="col-md-4 col-sm-12 ">
            <label for="${idElemenata[i]}" class="bukFormaLabela">${nizTekstaZaLabelu[i]}</label>
            <select id="${idElemenata[i]}" class="form-control bukForma">
                ${napraviOpcijeZaDDL()}

```





```

brOdG=document.querySelector("#numbAdultsGreske");
brDecG=document.querySelector("#numbChidlrenGreske");
destG=document.querySelector("#destinationDDLGreske");
datumDolG=document.querySelector("#dateAGreske");
datumOdlG=document.querySelector("#dateDGreske");
var dobro=true;

ime=document.getElementById("fullnameTB").value;
var reIme=/^[A-ZŠĐŽĆČ][a-z]{2,20}(\s[A-Z][a-z]{2,20})*\s[A-ZŠĐŽĆČ][a-z]{2,30}(\s[A-ZŠĐŽĆČ][a-z]{2,30})*/;
brojOdraslih=document.querySelector("#numbAdults").value;
brojDece=document.querySelector("#numbChidlren").value;
reBrojOdraslihiDece=/^[0-9][\d]*$/;

destinacija=document.querySelector("#destinationDDL").value;

datumDolaska=document.querySelector("#dateA").value;
datumOdlaska=document.querySelector("#dateD").value;

if(ime==""){
imeG.innerHTML="Required field!";
dobro=false;

}
else{
    if(reIme.test(ime)){
        imeG.innerHTML='';
        dobro=true;

    }
    else{
        imeG.innerHTML='Invaild format!';
        dobro=false;

    }
}
if(destinacija=='Choose destination'){
    destG.innerHTML="You need to choose some destination!";
    dobro=false;
}
else{
    destG.innerHTML="";
    dobro=true;

}

if(brojOdraslih == ""){

```



```

        brOdG.innerHTML="Required!"
        dobro=false;
    }
    else{
        if(reBrojOdraslihiDece.test(brojOdraslih)){
            brOdG.innerHTML='';
            dobro=true;

        }
        else{
            brOdG.innerHTML='Invalid format';
            dobro=false;
        }
    }

}

if(brojDece == ""){
    brDecG.innerHTML="Required!"
    dobro=false;
}
else{
    if(reBrojOdraslihiDece.test(brojDece))
    {
        brDecG.innerHTML='';
        dobro=true;
    }
    else{
        brDecG.innerHTML='Invalid format';
        dobro=false;}
}
if(datumDolaska==""){
    datumDolG.innerHTML="Required field";
    dobro=false;
}
else{
    datumDolG.innerHTML="";
    if(datumDolaska>datumOdlaska){
        datumDolG.innerHTML="Date of arrival cant be greater than date of
departure!";
        datumOdlG.innerHTML="Date of departure cant be less than date of a
rrival!";
        dobro=false;
    }
    else{
        datumDolG.innerHTML="";

```

```

        datumOdlG.innerHTML="";
        dobro=true;

    }

}

if(datumOdlaska==""){
    datumOdlG.innerHTML="Required field";
    dobro=false;
}
else{
    datumOdlG.innerHTML="";
    if(datumDolaska>datumOdlaska){
        datumDolG.innerHTML="Date of arrival cant be greater than date of
departure!";
        datumOdlG.innerHTML="Date of departure cant be less than date of a
rrival!";
        dobro=false;
    }
    else{
        datumDolG.innerHTML="";
        datumOdlG.innerHTML="";
        dobro=true;
    }
}

if(dobro){

    document.querySelector("#cenaPutovanja").innerHTML="Total cost of the
trip:"+ izracunaj()+"$";

}

function izracunaj(){
    var destinacija=document.querySelector("#destinationDDL").value;
    var brOdr=brojOdraslih;
    var brDece=brojDece;
    var datumd=new Date(datumDolaska);
    var datumo=new Date(datumOdlaska);
    var brojDana=datumo.getDate()-datumd.getDate();
    var destinacije=['Hawaii','London','Tokyo','Paris','Maldives','Sydney'
];

    var cenePoNocanjuZaOdrasle=[400,220,120,180,250,280];
    var cenePoNocanjuZaDecu=[180,100,80,95,140,190];

```

```

        var cena=0;

        for(let i=0;i<destinacije.length;i++){
            if(destinacija==destinacije[i]){
                cena=brojDana*((brOdr*cenePoNocenjuZaOdrasle[i])+(brDece*cenePoNocenjuZaDecu[i]))
            }
        }
        return cena;
    }
}

function proveraBukForme(){

    var fname,lname,email,destination,dateA,dateD,captcha;
    var fnameG,lnameG,emailG,destinationG,dateAG,dateDG,captchaG;
    var dobro=true;

    fname=document.querySelector("#fName").value;
    lname=document.querySelector("#lName").value;
    email=document.querySelector("#emailAdd").value;
    destination=document.querySelector("#destDDL").value;
    dateA=document.querySelector("#dateAB").value;
    dateD=document.querySelector("#dateDB").value;
    captcha=document.querySelector("#verification").value;

    fnameG=document.querySelector("#fNameGreska");
    lnameG=document.querySelector("#lNameGreska");
    emailG=document.querySelector("#emailAddGreska");
    destinationG=document.querySelector("#destDDLGreska");
    dateAG=document.querySelector("#dateABGreska");
    dateDG=document.querySelector("#dateDBGreska");
    captchaG=document.querySelector("#verificationGreska");

    reFnameLname=/^[A-ZŠĐŽČĆ][a-zšđžćć]{2,20}(\s[A-ZŠĐŽČĆ][a-zšđžćć]{2,20})*$/;
    if(fname=="")
    {
        fnameG.innerHTML="Required field";
        dobro=false;
    }
    else{
        if(reFnameLname.test(fname)){
            fnameG.innerHTML="";
            dobro=true;
        }
    }
}

```

```

    }
    else{
        fnameG.innerHTML="Invalid format";
        dobro=false;

    }

}

if(lname==""){
    lnameG.innerHTML="Required field";
    dobro=false;

}
else{

    if(reFnameLname.test(lname)){
        lnameG.innerHTML="";
        dobro=true;

    }
    else{
        lnameG.innerHTML="Invalid format";
        dobro=false;

    }
}
reEmail=/^[\\w\\-\\.]+\\@[a-z]{3,7}\\.[a-z]{2,4}$/;
if(email=="")
{
    emailG.innerHTML="Required field";
    dobro=false;

}
else{
    if(reEmail.test(email)){
        emailG.innerHTML="";
        dobro=true;

    }
}

```

```

else{
    emailG.innerHTML="Invalid format";
    dobro=false;

}

}
if(destination=="Choose destination"){
    destinationG.innerHTML="Required field";
    dobro=false;

}
else{
    destinationG.innerHTML="";
    dobro=true;

}
if(dateA==""){
    dateAG.innerHTML="Required field";
    dobro=false;

}
else{

    if(dateA>dateD)
    {
        dateAG.innerHTML=" Arrival date cant be > than date of departure!";
        dobro=false;

    }
    else{
        dateAG.innerHTML="";
        dobro=true;

    }

}
if(dateD==""){
    dateDG.innerHTML="Required field";
    dobro=false;
}
else{

    if(dateD<dateA)
    {

```

```

        dateDG.innerHTML=" Departure date cant be < than date of arrival!";
        dobro=false;

    }
    else{
        dateDG.innerHTML="";
        dobro=true;

    }
}

if(captcha==""){
    captchaG.innerHTML="Verification is required";
    dobro=false;
}
else{
    if(captcha==kapca){
        captchaG.innerHTML="";
        dobro=true;
    }

    else{
        captchaG.innerHTML="Type correct captcha";
        dobro=false;

    }

    if(dobro)
        document.querySelector("#uspesno h3").textContent="You have successfully booked your trip!"
    else
        document.querySelector("#uspesno h3").textContent="";
}

}

function podesiDestinaciju(){
    var opcije=document.getElementById("destDDL");

for(let i=0;i<opcije.length;i++)
{
    if(opcije.options[i].value.toLowerCase()==selektovanaDest){
        opcije.options[i].selected=true;
    }
}
}

```

```

}
var kapca;
function generisiCaptachu(){
    var nizMalihSlova=['a','b','c','d','e','f','g','h','i','j','k','l','m','n',
'o','p','q','r','s','t','u','v','w','x','y','z'];
    var nizVelikihSlova=[];

    for(let i=0;i<nizMalihSlova.length;i++){
        nizVelikihSlova[i]=nizMalihSlova[i].toUpperCase();
    }
    var rez="";
    for(let i=0;i<2;i++){
        var slucBrojMslova=Math.floor(Math.random()*26+1);
        var slucBrojVslova=Math.floor(Math.random()*26+1);
        var slucBroj=Math.ceil(Math.random()*10);

        rez+=nizVelikihSlova[slucBrojVslova-1]+nizMalihSlova[slucBrojMslova-
1]+slucBroj;
    }
    document.getElementById("generisanaCaptcha").value=rez;
    kapca=rez;
}

function proveraKontaktForme(){
    var imePrezime,email,poruka;
    var imePrezimeG,emailG,porukaG;

    imePrezime=document.querySelector("#nameContact").value;
    email=document.querySelector("#emailContact").value;
    poruka=document.querySelector("#taKontakt").value;

    imePrezimeG=document.querySelector("#nameContactError");
    emailG=document.querySelector("#emailContactError");

    var reImePrezime=/^[A-ZŠĐŽĆČ][a-zšđžćč]{2,20}(\s[A-ZŠĐŽĆČ][a-
zšđžćč]{2,20})*\s[A-ZŠĐŽĆČ][a-zšđžćč]{2,30}(\s[A-ZŠĐŽĆČ][a-zšđžćč]{2,30})*$/;
    var reEmail=/^[\\w\\-\\.]+\\@[a-z]{3,7}\\.[a-z]{2,4}$/;
    if(imePrezime==""){
        imePrezimeG.innerHTML="Required field";
    }
    else{
        if(reImePrezime.test(imePrezime)){
            imePrezimeG.innerHTML="";
        }
    }
}

```

```
        else{
            imePrezimeG.innerHTML="";
        }
    }
    if(email==""){
        emailG.innerHTML="Required field";
    }
    else{
        if(reEmail.test(email)){
            emailG.innerHTML="";
        }
        else{
            emailG.innerHTML="Invalid format";
        }
    }
}
```