Visoka škola za informacione I komunikacione tehnologije

Dokumentacija sajta

()

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Broj indeksa: 81/19

Smer: Internet Tehnologije

Predmet: Web programiranje 1

Sadrzaj

Uvod

Uvod

1.Korišćeni programski jezici

Za izradu sajta korišćeni su sledeći programski i markup jezici:

• HTML

 • CSS

• XML

• JavaScript

• JQuery

2. Opis funkcionalnosti

• Responsive: U zavisnosti na kojim dimenzijama se gleda sajt, prilagodice se svim velicinama i biti pregledan i određeni elementi će eventualno promeniti strukturu zbog rezolucije na kojoj se pristupa sajtu.

•Dinamički ispis sadržaja

3. Template

Korišćen je gotov template.

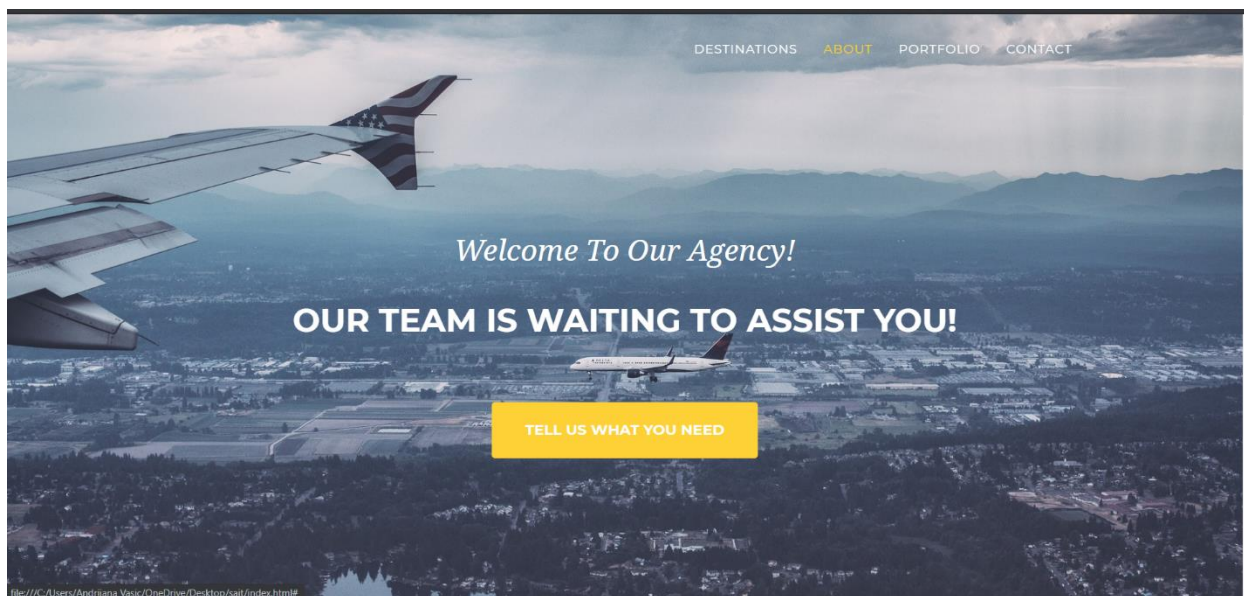[Agency - One Page Bootstrap Theme - Start Bootstrap](#)
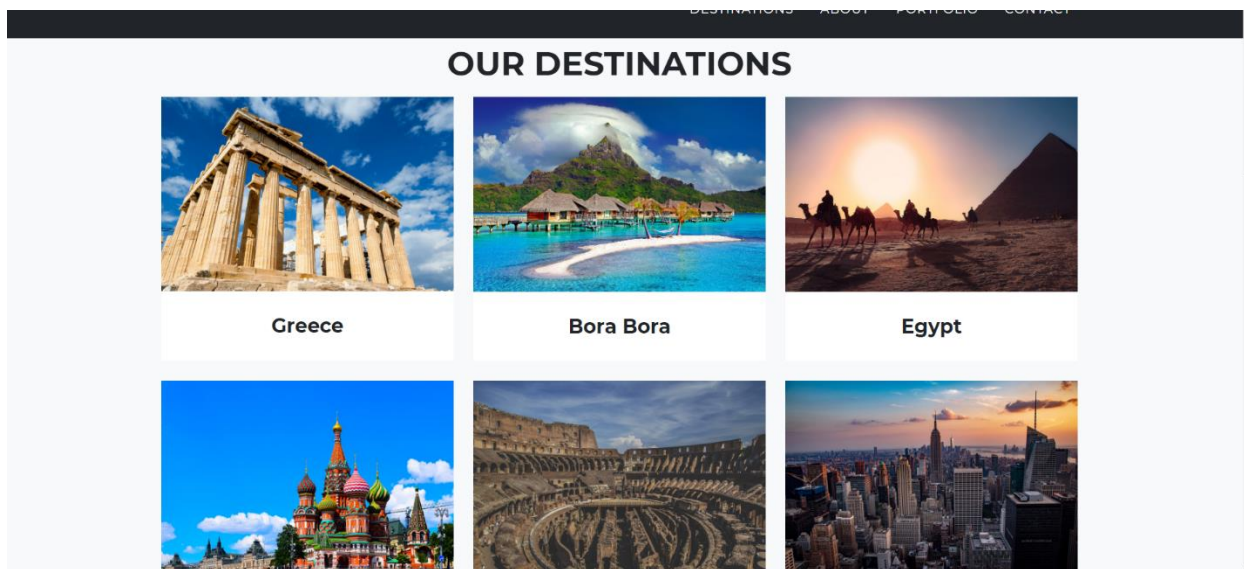
Organizacija

1. Organizaciona šema

index.html

2. Mapa sajta

```xml
sitemap.xml
1    <?xml version="1.0" encoding="UTF-8"?>
2    <urlset
3         xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
4         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5         xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
6             http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
7
8
9
10    <url>
11
12        <loc>https://</loc>
13
14        <lastmod>2020-01-23T20:30:15+00:00</lastmod>
15
16        <priority>1.00</priority>
17
18    </url>
19
20
21   </urlset>
```

3.Slike stranica I opisi funkcionalnosti

Dinamički ispisan meni. Klik na Destination, About, Portfolio ili Contact odvodi na taj deo stranice. Text se menja na tri sekunde(urađeno u JavaScript).

Dinamički pozvana galerija slika sa svim atributima(alt,src).

SPECIAL OFFERS

For our oldest

Always wanted to visit the city of your dreams but never got the chance?In your senior years you finally have the time to go where ever you want and see all the fhings you dreamed about. Our senior program can help with that. Great quality and lower prices.

For students

Enjoy your summer break with your friends at some of the best beaches and best Djs in the world!!! We also offer help for students exchange!!!Call us for more info.

Just married

May the first steps you take together be the most beautiful You pick the destination and tell us what you want and we will arrange everything so your honeymoon is a dream come true. Newlyweds have a special discounts on plane tickets

Dinamički pozvana galerija sa opisom I atributima. Preko JavaScript-a urađeno da je text svaki put sa druge strane.

Hurry up our special offer expires in:

0 days	0 hours	0 minutes	0 seconds

*offer expired

Hurry up our special offer expires in:

10 days	22 hours	31 minutes	20 seconds

Timer rađen u JavaScript-u. Kada istekne vreme izbacuje poruku crvenim slovima.

Dinamički opis autora. Toggle rađen u JQuery. Klikom na naslov Andrijana Vasic text nestaje. Svi linkovi u ikonicama vode na određenu stranicu.

Dinamički ispiz sponzora.

Kontakt forma sa ograničenjima(ne može se ostaviti prazno polje, mora se uneti broj onako kako je naznačeno u polju….). Linkovi vode na određene stranice, kao I dokumentacija.

Kodovi

1.HTML

U HTML je dodat kod za timer.

```html
<div class="py-5">
    <div class="container">
        <div class="row" id="divTimer">
            <div class="col-lg-12 divTimerOffer">
                <h2> Hurry up our special offer expires in: </h2>
            </div>
            <div class="col-md-3 col-sm-6 my-3 divTimerOffer" id="link">
                <p id='days'>  days</p>
            </div>
            <div class="col-md-3 col-sm-6 my-3 divTimerOffer">
                <p id='hours'> hours</p>
            </div>
            <div class="col-md-3 col-sm-6 my-3 divTimerOffer">
                <p id='minutes'>  minuts</p>
            </div>
            <div class="col-md-3 col-sm-6 my-3 divTimerOffer">
                <p id='seconds'> seconds</p>
            </div>

            <div class="col-lg-12 divTimerOffer " id="divTimerExpired">
                <h4 style="color: red;"> *offer expired </h4>
            </div>
        </div>
    </div>
</div>
```
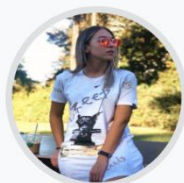
2. CSS
Skinut je gotov template(link gore u opisu funkcionalnosti)

3. JavaScript

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



    //ispis menija

        function ispisMenija() {
        var meni = ["Destinations", "About", "Portfolio", "Contact"];
        let ul = document.getElementById('meni_ul')
        meni.forEach((item) => {
            let li = document.createElement('li');
            let a = document.createElement('a');
            a.setAttribute("href", "#");
            li.appendChild(a);
            li.classList.add("nav-item");
            ul.appendChild(li);
            a.classList.add("nav-link" );
            a.innerHTML = item;
            a.id = item;
            a.addEventListener('click',function(e){
                e.preventDefault();
                switch (e.target.id) {
                    case "Destinations":
                        a.setAttribute("href", item);
                        let destination = document.getElementById('portfolio');
                        destination.scrollIntoView()

                      break;
                    case "About":
                        a.setAttribute("href",item);
                        let about = document.getElementById('about');
                        about.scrollIntoView()
                      break;
                    case "Portfolio":
                        a.setAttribute("href",item);
                        let team = document.getElementById('team');
                        team.scrollIntoView()
                      break;
```

```javascript
                about.scrollIntoView()
            break;
        case "Portfolio":
            a.setAttribute("href",item);
            let team = document.getElementById('team');
            team.scrollIntoView()
            break;
        case "Contact":
            a.setAttribute("href",item);
            let contact = document.getElementById('contact');
            contact.scrollIntoView()
            break;
        }

    })
    })
};


// ispis naslova
var elem = document.getElementById("text");
var text = ["Where do you want to go next?", "Our team is waiting to assist you!"];
var counter = 0;
var inst = setInterval(change, 3000);

function change() {
    elem.innerHTML = text[counter];
    counter++;
    if (counter >= text.length) {
        counter = 0;
    }
}
```

```javascript
//ispis galerije

    function ispisSlika() {
        var nizSlika = [
            {
                key: "Greece",
                slika: {
                    alt: "greece",
                    src: "assets/img/portfolio/greece1.jpg"
                },
                content: ""
            },
            {
                key: "Bora Bora",
                slika: {
                    alt: "bora-bora",
                    src: "assets/img/portfolio/bora.jpg"
                },
                content: ""


            },
            {
                key: "Egypt",
                slika: {
                    alt: "egypt",
                    src: "assets/img/portfolio/egypt.jpg"
                },
                content: ""


            },
            {
                key: "Moscow",
                slika: {
                    alt: "moscow",
                    src: "assets/img/portfolio/moscow.jpg"
                },
```

```javascript
                    content: ""

        },
        {
            key: "Rome",
            slika: {
                alt: "rome",
                src: "assets/img/portfolio/rome.jpg"
            },
            content: ""

        },
        {
            key: "New York",
            slika: {
                alt: "new-york",
                src: "assets/img/portfolio/ny.jpg"
            },
            content: ""

        }
    ];

    var ispis = "";
    for (var obj of nizSlika) {
        ispis += `
            <div class="col-lg-4 col-sm-6 mb-4">
                        <div class="portfolio-item">
                            <a class="portfolio-link" data-toggle="modal" href="#portfolioModal1">
                                <div class="portfolio-hover">
                                    <div class="portfolio-hover-content"><i class="fas fa-plus fa-3x"></i></div>
                                </div>
                                <img class="img-fluid" src="${obj.slika.src}" alt="${obj.slika.alt}"  />
                            </a>
                            <div class="portfolio-caption">
                                <div class="portfolio-caption-heading" >${obj.key}</div>
                                <div class="portfolio-caption-subheading text-muted">${obj.content}</div>
                            </div>
                        </div>
                    </div>
            `

    }
    document.getElementById("slikaDiv").innerHTML = ispis;
}

//ispis ponude

    function ispisPonude() {
        var nizPonude = [
            {
                naslov: "For our oldest",
                opis: "Always wanted to visit the city of your dreams but never got the chance?In your senior years you finally have the time to go wh
                slika: {
                    src: "assets/img/about/senior.jpg",
                    alt: "seniro-couple"
                }
            },
            {
                naslov: "For students",
                opis: "Enjoy your summer break with your friends at some of the best beaches and best Djs in the world!!! We also offer help for stude
                slika: {
                    src: "assets/img/about/students.jpg",
                    alt: "students"
                }
            },
            {
                naslov: "Just married",
                opis: "May the first steps you take together be the most beautiful You pick the destination and tell us what you want and we will arra
                slika: {
                    src: "assets/img/about/bride.jpg",
                    alt: "just-married"
                }
            }
        ];
```

```javascript
                ];

        var ispis = "";
        for (var pon of nizPonude) {
            ispis += `
            <li>
            <div class="timeline-image"><img class="rounded-circle img-fluid" src="${pon.slika.src}" alt="${pon.slika.alt}" /></div>
            <div class="timeline-panel">
                <div class="timeline-heading">
                    <h4>${pon.naslov}</h4>

                </div>
                <div class="timeline-body"><p class="text-muted">${pon.opis}</p></div>
            </div>
        </li>
            `


            document.getElementById("timeline").innerHTML = ispis;

        }
        $("#timeline li:odd").addClass("timeline-inverted");

    }


//portfolio

    function ispisAutor() {
        var autor = [{


            slika:{
                src:"assets/img/team/ja.jpg",
                alt:"myself"
            },
```

```javascript
            punoIme: {
                ime: "Andrijana",
                prezime: "Vasic"
            },
            opis: "Hi, my name is Andrijana Vasić. I was born the second of February 1995. in Pančevo. I finished high school of Pharmacy in Pančevo a
            social: {
                twitter: {
                    class: "fab fa-twitter",
                    href: "https://twitter.com/?lang=sr"
                },
                facebook: {
                    class: "fab fa-facebook",
                    href: "https://www.facebook.com/janaczbg/"
                },
                insta: {
                    class: "fab fa-instagram",
                    href: "https://www.instagram.com/andrijana_vasic7/"
                }
            },

        }];

        var ispis = "";
        for (var au of autor) {
            ispis += `
            <div class="col-lg-12">
```

```javascript
        for (var au of autor) {
            ispis += `
            <div class="col-lg-12">
                <div class="team-member">
                    <img class="mx-auto rounded-circle" src="${au.slika.src}" alt="${au.slika.alt}" />
                    <h4> <a href="#" id="proba"> ${au.punoIme.ime} ${au.punoIme.prezime} </a></h4>
                    <p id="toggle" class="text-muted"> ${au.opis} </p>
                        <a class="btn btn-dark btn-social mx-2" href="${au.social.twitter.href}"><i class="${au.social.twitter.class}"></i></a>
                        <a class="btn btn-dark btn-social mx-2" href="${au.social.facebook.href}"><i class="${au.social.facebook.class}"></i></a>
                        <a class="btn btn-dark btn-social mx-2" href="${au.social.insta.href}"><i class="${au.social.insta.class}"></i></a>
                </div>
                </div>
            `

        }


        document.getElementById("tim").innerHTML = ispis;

    };


//forma

const form=document.getElementById('contactForm')
const name=document.getElementById('name')
const email=document.getElementById('email')
const phone=document.getElementById('phone')
const message=document.getElementById('message')
form.addEventListener("submit",(e) => {
e.preventDefault()
proveraForme();

})
function setSuccess(rezultat){
    console.log(rezultat)
}
```

```javascript
})
 function setSuccess(rezultat){
     console.log(rezultat)
}
 function setError(message){
     console.log(message)
}
 function proveraForme(){
     const nameV=name.value.trim()
     const emailV=email.value.trim()
     const phoneV=phone.value.trim()
     const messageV=message.value.trim()

     function validateNumber(phone)
     {
         return /^[(]{0,1}[0-9]{3}[)]{0,1}[-\s\.]{0,1}[0-9]{3}[-\s\.]{0,1}[0-9]{4}$/.test(phone);

     }

     function isEmailValid(emailV) {
         return /^(([^<>()\[\]\\.,;:\s@"]+(\.[^<>()\[\]\\.,;:\s@"]+)*)|(".+"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])|(([a-zA-Z\-0-9]+\
             emailV
         );
     }
     if(nameV === ""){
         setError("Ne moze prazno ime!")

     }
     else {
         setSuccess(nameV)
     }
     if(emailV === ""){
         setError("Ne moze prazan email")
     }
     else if(!isEmailValid(emailV)){
         setError("Email is not valid!")
```

```javascript
    }
    else if(!isEmailValid(emailV)){
        setError("Email is not valid!")
    }
    else {
        setSuccess(emailV)
    }
    if(!validateNumber(phoneV)){
        setError("Phone is not valid!")
    }
    else{
        setSuccess(phoneV)
    }
    if(messageV === ""){
        setError("Ne moze prazna poruka")
    }
    else{
        setSuccess(messageV)
    }



function ispisSponzori() {
    var sponzori = [
        {
            slika: {
                alt: 'sponzor1',
                src: 'assets/img/logos/slika1.jpg'
            }
        },
        {
            slika: {
                alt: 'sponzor2',
                src: 'assets/img/logos/slika2.jpg'
            }
        },
```

```javascript
            }
        },
        {
            slika: {
                alt: 'sponzor3',
                src: 'assets/img/logos/slika3.jpg'
            }
        },
        {
            slika: {
                alt: 'sponzor4',
                src: 'assets/img/logos/slika4.jpg'
            }
        }
    ];

    var ispis = "";
    for (var s of sponzori) {
        ispis += `
        <div class="col-md-3 col-sm-6 my-3" id="link">
        <a href="${s.slika.src}"><img class="img-fluid d-block mx-auto"
                src="${s.slika.src}" alt="${s.slika.alt}" /></a>
        </div>
        `
    }

    document.getElementById("divZaSponzore").innerHTML = ispis;
}


//futer

function ispisFuter() {
    var footer = [{

        content:"Copyright © Andrijana Vasic 81/19",
        social: {
```

```
            social: {
                rss: {
                    class: "fas fa-rss",
                    href: ""
                },
                sitemap: {
                    class: "fas fa-sitemap",
                    href: "https://www.facebook.com/janaczbg/"
                },
                github: {
                    class: "fab fa-github",
                    href: "https://www.instagram.com/andrijana_vasic7/"
                }
            },
            dokument:{
                href:"file:///C:/Users/Andrijana%20Vasic/OneDrive/Documents/Dokumentacija.pdf",
                content:"Dokumentacija"
            }

    }];

    var ispis = "";
    for (var fu of footer) {
        ispis += `
        <div class="col-lg-4 text-lg-left">${fu.content}</div>
                    <div class="col-lg-4 my-3 my-lg-0>
                        <a class="btn btn-dark btn-social mx-2" href="${fu.social.rss.href}"><i class="${fu.social.rss.class}"></i></a>
                        <a class="btn btn-dark btn-social mx-2" href="${fu.social.sitemap.href}"><i class="${fu.social.sitemap.class}"></i></a>
                        <a class="btn btn-dark btn-social mx-2" href="${fu.social.github.href}"><i class="${fu.social.github.class}"></i></a>
                    </div>
                    <div class="col-lg-4 text-lg-right">
                        <a class="mr-3" href="${fu.dokument.href}">${fu.dokument.content}</a>

                    </div>

    }

//timer

function timer (){
    const second = 1000,
    minute = second * 60,
    hour = minute * 60,
    day = hour * 24;
    let time = "December 21, 2020 20:32:00";
    let countDown = new Date(time).getTime(),
    x = setInterval(function () {

        let now = new Date().getTime(),
            distance = countDown - now;

            document.getElementById('days').innerText = Math.floor(distance / (day)) + ' days',
            document.getElementById('hours').innerText = Math.floor((distance % (day)) / (hour)) + ' hours',
            document.getElementById('minutes').innerText = Math.floor((distance % (hour)) / (minute)) + ' minutes',
            document.getElementById('seconds').innerText = Math.floor((distance % (minute)) / second) + ' seconds';

        if (distance <= 0) {

            document.getElementById('days').innerText = ('0 days');
            document.getElementById('hours').innerText = ('0 hours');
            document.getElementById('minutes').innerText = ('0 minutes');
            document.getElementById('seconds').innerText = ('0 seconds');


            document.getElementById("divTimerExpired").style.display = "block";

        }

    }, second)
}
```

```
    document.getElementById("futer").innerHTML = ispis;


};
    //ispis funkcija0

    ispisMenija();
    ispisSlika();
    ispisPonude();
    ispisAutor();
    timer();
    ispisSponzori();
    ispisFuter();
```

4. JQuery toggle

```
    // JQuery kod za toggle opisa
    document.getElementById("proba").addEventListener("click", function (e) {
        e.preventDefault();
        // alert("cao!");
        let klasa = $("#toggle");
        klasa.toggle(function() {
            $(this).animate( {'display':'block'}, 2000, 'linear')
         }, function() {
            $(this).animate( {'display':'none'}, 2000, 'linear');
         });

    });

}
```