# Visoka škola strukovnih studija za informacione i komunikacione tehnologije

# Dokumentacija za sajt La Croux

Web Programiranje 1

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# 1. Uvod

### 1.1 Korišćene Tehnologije

Za izradu sajta su korišćeni: HTML(5), CSS(3), jQuery, JavaScript i XML. Za organizaciju je korišćen Bootstrap (grid sistem).

Okruženje: Visual studio code

## 1.2 Opis funkcionalnosti

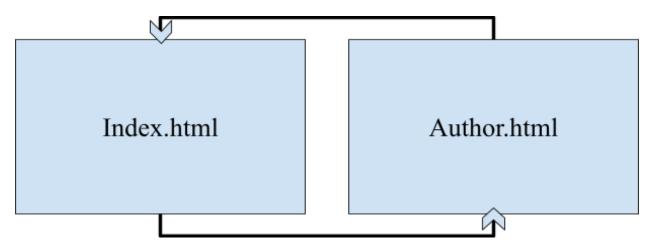
- 1. Dinamički ispisan sadržaj na sajtu (meni u header-u, specijalne ponude, meni i drugo).
- 2. Meni ima ugrađenu satnicu, čiji sadržaj menija (jela/pića i deskripcije) se menjaju u zavisnosti koliko je sati.
- 3. Cene u meni-ju su random generisani kad se ucita stranica.
- 4. Prelaskom misa (ili dodir prsta na telefonu) podiže sliku na gore. Omogućeno sa Jquery.
- 5. Validacija forme se nalazi u futeru.
- 6. Korišćenje regularnih izraza za unos imena i prezimena, očekuje se vrednost koja sadrži minimum 3 karaktera, a maksimum 20. A format je prvo veliko slovo i ostatak mala.
- 7. Korišćenje regularnih izraza za unos email-a, očekuje se vrednost koja bilo koje veličine. A format je samo mala slova i cifre, i da se završi sa "gmail.com"
- 8. Dropdown liste u formi, očekuje se od korisnika da izaberu jedno od ponuđenih opcija koje nije prva (početna) opcija.
- 9. Taster submit je automatsko deaktivirana, sve dok korisnik ne klikne na "I agree and read the terms and conditions."
- 10. Na klikom submit, postoji provera svih unetih informacija. Ako je jedna od informacija netacno unesena ili izabrana, ispod te forme će da se pojavi greška. Uspeno unošenje svih informacija, pokazuje je se poruka da je uspešno popunjena forma.
- 11. Na sajtu se nalazi "Back to top" dugme, klikom na dugme pomera stranicu na vrh stranice. Dugme po default-u je nevidljiv a posle nekog tacke tokom skrolovanja, dugme se pojavljuje
- 12. Loader koji je napisan Jquery-em.

### 1.3 Template

Za izradu sajta je korišćen template: https://www.free-css.com/free-css-templates/page235/gusto

# 2. Organizacija

# 2.1 Organizaciona šema



## 2.2 Mapa sajta

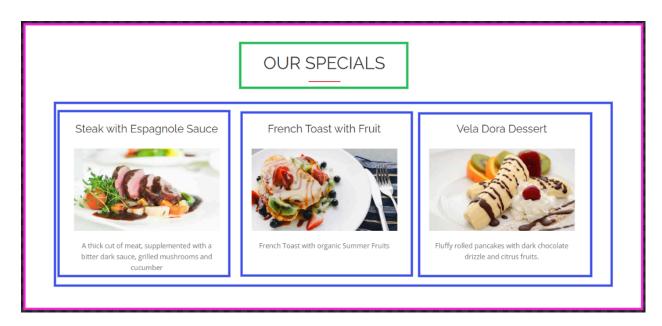
# 2.3 Opis i dizajn stranica sajta

# 2.3.1 Index stranica Header



Meni, tekst, broj telefona i okviri se nalazi preko pozadinske slike. Ovde je naslov, naziv restorana. Meni tokom skrolovanja dobija pozadinsku boju (namešteno od template-a).

#### Features



U Features, se prikazani specijaliteti restorana. Ispisan je dinamički.

#### About



About prikazuje kratku biografiju restorana.

#### Restaurant-Menu



Meni prikazuje najpopularnija jela i pića. Meni se takođe menja u zavisnosti od vremena, prikazuje: meni za doručak, meni za ručak i meni za večeru. Uz to, cene su automatsko i random generisane pri učitavanju stranice.

#### Gallery



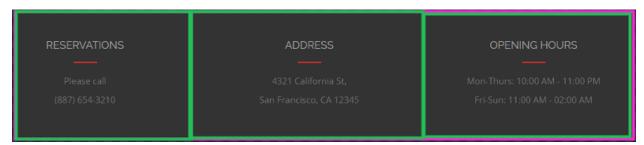
U galeriji su prikazane različite hrane menija. Prelaskom miša preko neke slike će da podigne sliku.

#### Team

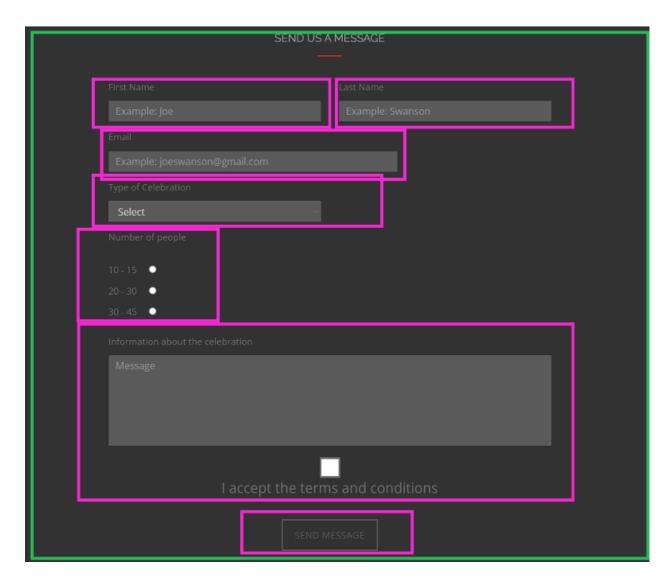


Team prikazuje kratak opis o glavnom kuvaru i ostalim kuvarima.

#### Contact (Footer)



Početak futera predstavljaju ostali podaci u vezi restorana kao štoe je broj telefona, lokacija (ulica) restorana i kada je otvoren restoran.



Drugi deo futera je forma za rezervacije. Sadrži tri tekstualna polja (jedno za ime, jedno za prezime i jedno za email adresu)

Îma dve dropdown liste, jedna koje se koristi da izabere broj ljudi a drugi je za vrsta proslave.

Ima još jedno tekstualno polje u kome korisnik upisuje dodatne informacije. Ima checkbox za termine i kondicije.

I ima submit dugme, koje je deaktivirano, sve dok korisnik ne klikne na checkbox da potvrdi.



Back to top dugme - klikom na dugme vraća korisnika na početak stranice, pojavljuje se kada korisnik skroluje posle header-a.

#### 3. Kodovi

#### 3.1 HTML (Index.html)

```
E html>
<html lang="en">
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="French Fine Dining Restaurant">
<meta name="author" content="Aleksandar Micic 135/22">
<meta name="keywords" content="French cuisine, fine dining, French restaurant">
k rel="shortcut icon" href="img/favicon.ico" type="image/x-icon">
rel="apple-touch-icon" href="img/apple-touch-icon.png">

</pre
k rel="apple-touch-icon" sizes="114x114" href="img/apple-touch-icon-114x114.png">
k rel="stylesheet" type="text/css" href="css/bootstrap.css">
k rel="stylesheet" type="text/css" href="fonts/font-awesome/css/font-awesome.css">
</p
<link href="https://fonts.googleapis.com/css?family=Raleway:300,400,500,600,700" rel="stylesheet">
k href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700" rel="stylesheet">
k href="https://fonts.googleapis.com/css?family=Rochester" rel="stylesheet">
<body id="page-top" data-spy="scroll" data-target=".navbar-fixed-top">
  <div class="container">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
     <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
```

```
<header id="header">
 <div class="intro">
   <div class="overlay">
     <div class="container">
       <div class="row">
         <div class="intro-text">
           <h1>La Croux</h1>
<div id="velikiwrapper" class="w-100 d-flex flex-column justify-content-center">
<div id="features" class="text-center"></div>
<div id="about" class="w-100">
 <div class="container-fluid">
   <div class="row">
     <div class="col-xs-12 col-md-6 about-img"> </div>
       <div class="about-text">
         <div class="section-title">
         Started in 1984, by our great grandfather Marcelo Grasso, his dream was to aspire and share
         The integrity of family and home cooking, invited many to host birthdays, parties and even full
```

```
<div id="gallery">
    <div class="container-fluid d-flex flex-wrap" id="galerija">
    </div>
</div>
```

```
<div class="container">
     <div class="col-md-10 col-md-offset-1">
        <h2>Meet Our Chef</h2>
       Marcelo Grasso is the head chef of our kitchen. A great leader, organizator and chef all around, Marcelo is
       In the kitchen, there is also his daughter, Shaona and his son, Luigi. With many waiters and chefs from all
   <div class="col-md-6">
 <div class="col-md-4">
   <h3>Reservations</h3>
   <h3>Address</h3>
     San Francisco, CA 12345
 <div class="col-md-4">
   <h3>Opening Hours</h3>
   <div class="contact-item">
     Fri-Sun: 11:00 AM - 02:00 AM
```

```
<span class="greska"></span>
           <div class="col-md-6">
              <div class="form-group" id="proslava">
                <label for="vrstaproslave">Type of Celebration</label><br/>

<select name="vrstaproslave" id="vrstaproslave" class="form-control">

                <span class="greska"></span>
         <div class="form-group">
           <label for="vrstaproslave">Information about the celebration</label><br/>/>
           <textarea name="message" id="message" class="form-control" rows="6" placeholder="Message"></textarea>
         <div class="row">
           <div class="col-12">
             <div class="form-group d-flex">
                <input type="checkbox" id="terms" name="terms" class="form-control">
         <div id="success"></div>
         <button type="submit" class="btn btn-custom btn-lg" id="submit" disabled>Send Message</button>
 <div class="container text-center">
  <div class="container text-center">
   <div class="col-md-6">
     © 2017 Gusto. All rights reserved. Design by <a href="http://www.templatewire.com" rel="nofollow">TemplateWire</a>
    <div class="col-md-6">
     <div class="social">
         <a href="#"><i class="fa fa-facebook"></i></a>
          <a href="#"><i class="fa fa-youtube"></i></a>
 <button id="backtotop">Scroll to Top</button>

<script type="text/javascript" src="js/mojajava.js"></script>
```

#### 3.2 HTML (Autor.html)

```
html lang="en">
meta charset="utf-8">
meta name="viewport" content="width=device-width, initial-scale=1">
meta name="description" content="French Fine Dining Restaurant">
meta name="author" content="Aleksandar Micic 135/22">
meta name="keywords" content="French cuisine, fine dining, French restaurant">
link rel="shortcut icon" href="img/favicon.ico" 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">
link rel="stylesheet" type="text/css" href="css/bootstrap.css">
link rel="stylesheet" type="text/css" href="fonts/font-awesome/css/font-awesome.css">
link rel="stylesheet" type="text/css" href="css/style.css">
link rel="stylesheet" href="css/mojcss.css" type="text/css">
link href="https://fonts.googleapis.com/css?family=Raleway:300,400,500,600,700" rel="stylesheet">
link href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700" rel="stylesheet">
link href="https://fonts.googleapis.com/css?family=Rochester" rel="stylesheet">
body id="page-top" data-spy="scroll" data-target=".navbar-fixed-top">
   <div class="navbar-header">
    <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
```

```
<div class="row">
        <div class="col-md-4">
         <div class="col-md-8" id="biografija">
              Programski Jezici:
              Biografija:
                  Rođen sam na Savskom Vencu. Završio sam osnovnu školu Branko Radičević u Batajnici. Nakon toga sam
```

```
//in
//div>
//div>
//div>
//div>
//div>
//div>
//div>
//div>
//div>
//div
//di
```

#### 3.3 CSS

```
margin:0px;
         padding:0px;
         box-sizing: border-box;
     #forma{
         margin-bottom: 40px !important;
     #forma span{
         color: ■red;
12
13
14
15
     #forma p{
16
        margin-bottom: 7px;
17
18
19
     .greska{
20
         display:none;
21
22
23
     #termini{
24
25
26
27
     #author{
28
         width: 80%;
29
30
     #author p{
31
         color: □#000000;
32
33
34
35
     #author img{
36
         width:100%;
37
38
39
     #biografija{
40
         margin-top: 65px;
41
```

```
#backtotop{
        display: none;
       position: fixed;
        bottom: 40px;
        right: 50px;
        background-color: ■#d43031;
       color: □#000;
       font-weight: bold;
       border: none;
       padding: 10px 15px;
       cursor: pointer;
        border-radius: 9px;
#autorskaslika{
   background-image: url(/img/strana.jpg);
}
#velikiwrapper2{
   display: flex;
   justify-content: center;
@media screen and (max-width: 1026px) {
    #team .team-img {
       display: none;
```

```
#loader {
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background-color:    #f5f3f0;
    opacity: 1;
    transition: 1.4s ease;
    z-index: 9999;
}
```

3.4 Javascript i Jquery

```
let trenutnovreme = new Date().getHours();
console.log(trenutnovreme);
       description: 'Delicate smoked salmon enveloped in a flaky croissant.'
       description: 'Velvety truffle-infused omelette, a luxurious harmony of eggs.'
       description: 'Decadent French toast adorned with luscious raspberries.'
       name: 'Salade Niçoise au Thon Frais',
       description: 'Classic quiche with savory bacon, gruyere cheese, and a side of mixed greens.'
       description: 'Toasted artisanal bread with creamy goat cheese, figs, and a drizzle of honey.'
       name: 'Pain Perdu aux Framboises',
       description: 'Toasted artisanal bread with creamy goat cheese, figs, and a drizzle of honey.'
       description: 'Decadent French toast adorned with luscious raspberries.'
       description: 'Toasted baguette slices topped with a rich seafood bouillabaisse, a hearty remedy.'
```

```
description: 'A fragrant blend of Darjeeling and rose petals, a floral symphony in a teacup.'
                                    description: 'Freshly squeezed lemonade, a zesty and refreshing accompaniment.'
                                   name: 'Champagne Rosé',
                                  description: 'Delicate bubbles of rosé champagne, adding a touch of celebration to any meal.'
                                   name: 'Espresso Martini à la Française',
  function satnimeni(trenutnovreme){
                      menitekstjela +- '<div class="menu-item"><div class="menu-item"><div class="menu-item"><div class="menu-item-name">'+jela[i].name+'</div><div class="menu-item-price"> '+(i + randombroj)+'&euro; </div class="menu-item"><div class=
               delse if (trenutnovreme >= 14 && trenutnovreme <= 20){

menitekstjela += '<div class="menu-item"><div class="menu-item">'+jela[i+3].name+'</div><div class="menu-item-price"> '+(i + randombroj)+'&euro;

menitekstpica += '<div class="menu-item"><div class="menu-item">'+jela[i+3].name+'</div><div class="menu-item-price"> '+(i + randombroj)+'&euro;
                         menitekstjela += '<div class="menu-item"><div class="menu-item-name">'+jela[i+6].name+'</div><div class="menu-item-price">'+(i + randombroj)+'&euro;
menitekstpica += '<div class="menu-item"><div class="menu-item"><div class="menu-item">+pica[i+6].name+'</div><div class="menu-item-price">'+(i + randombroj)+'&euro;
menitekstjela += '</div>';
menitekstpica += '</div>';
document.getElementById("jela").innerHTML = menitekstjela;
document.getElementById("pica").innerHTML = menitekstpica;
var pros;
for(Let i=0; iiproslave.length; i++){
    pros += "<option value="+i+">" + proslave[i] + "</option>";
```

```
let novagalerija = document.createElement('div');
     var slike = ["img/gallery/1.jpg", "img/gallery/2.jpg", "img/gallery/3.jpg", "img/gallery/4.jpg"]
    novagalerija.id = "novagalerija"
    novagalerija.classList.add("row")
     function pravljenjegalerije2(){
         for(let i=0; i<4; i++){
             var image = document.createElement("img");
             image.alt = "slika"+i+""
             image.classList.add("idigore", "img-responsive")
             var divdiv = document.createElement("div");
             divdiv.classList.add("col-xs-6", "col-md-3")
             var divdivdiv = document.createElement("div")
             divdivdiv.classList.add("gallery-item")
             divdivdiv.appendChild(image);
             divdiv.appendChild(divdivdiv)
            novagalerija.appendChild(divdiv);
     pravljenjegalerije2()
     document.getElementById("galerija").appendChild(novagalerija);
var brojljudi = '<div>';
   for(var i=1; i<4; i++){
   brojljudi += '<div class="dugme">';
   brojljudi += ' < label for="radio'+i+'" >  '+i*10+' - '+i*15+'  < / label > < br > ';
    brojljudi += '<input type="radio" id="radio'+i+'" name="brojljudi" value="'+i+'"></input>';
   brojljudi += '</div>';
```

brojljudi += '</div>'

document.getElementById("butoni").innerHTML = brojljudi;

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```
document.getElementById("vrstaproslave").innerHTML = pros;
let dugmesubmit = document.querySelector("#submit");
dugmesubmit.addEventListener("click", provera);
let uslovi = document.querySelector("#terms");
uslovi.addEventListener("change", termsprovera);

function termsprovera(){
   if(uslovi.checked==true){
        dugmesubmit.disabled = false;
      } else
   {
        dugmesubmit.disabled = true;
}
```

```
function provera(){
   var greskabrojac = 0;
   let ime, prezime, email, brojljudikon, proslava;
   ime = document.querySelector("#ime");
   prezime = document.querySelector("#prezime");
   email = document.querySelector("#email");
   brojljudikon = document.getElementsByName("brojljudi")
   proslava = document.querySelector("#vrstaproslave");
   var dugmence = document.querySelector("#butoni")
   const indexproslave = proslava.selectedIndex;
   const regimeprezime = /^[A-Z][a-z]{2,20}$/;
   const regemail = /^[a-z\d]+.(gmail.com)$/
   if(!regimeprezime.test(ime.value)){
        ime.nextElementSibling.classList.remove("greska");
       ime.nextElementSibling.innerHTML = "The first name submitted is written incorrectly."
       greskabrojac++;
       ime.nextElementSibling.innerHTML = "";
   if(!regimeprezime.test(prezime.value)){
       prezime.nextElementSibling.classList.remove("greska");
       prezime.nextElementSibling.innerHTML = "The last name submitted is written incorrectly."
       greskabrojac++;
       prezime.nextElementSibling.innerHTML = "";
   if(!regemail.test(email.value)){
       email.nextElementSibling.classList.remove("greska");
       email.nextElementSibling.innerHTML = "The email submitted is written incorrectly."
       greskabrojac++;
       email.nextElementSibling.innerHTML = "";
```

```
if(indexproslave==0){
    proslava.nextElementSibling.classList.remove("greska");
    proslava.nextElementSibling.innerHTML = "Please select a type of celebration."
    greskabrojac++;
} else{
    proslava.nextElementSibling.innerHTML = "";
}
for(let i=0; i<br/>brojljudikon.length; i++){
    if(brojljudikon[i].checked!=true){
        dugmence.nextElementSibling.classList.remove("greska");
        dugmence.nextElementSibling.innerHTML = "Please select a valid number of people."
        greskabrojac++
    }
    else{
        dugmence.nextElementSibling.innerHTML = ""
    }
}
```

```
$(document).ready(function () {
    $(window).scroll(function () {
        if ($(this).scrollTop() > 640) {
            $('#backtotop').fadeIn();
            $('#backtotop').fadeOut();
    });
    $('#backtotop').click(function () {
        $('html, body').animate({ scrollTop: 0 }, 800);
        return false;
    });
    $(document).ready(function () {
        $(".gallery-item").hover(
            function () {
                $(this).css({
                    transform: 'translateY(-21px)',
                    transition: 'all 0.3s ease'
                });
            function () {
                $(this).css({
                    transform: 'translateY(0)',
                    transition: 'all 0.3s ease'
                });
    });
});
```

```
$(document).ready(function(){
    function hideLoader() {
        document.getElementById('loader').style.opacity = '0';
        document.getElementById('loader').style.zIndex = '-1';
    }

window.onload = function () {
    hideLoader();
    };
})
```