

**Odsek visoka škola za informacione i komunikacione tehnologije**  
Beograd, Zdravka Čelara 16

**Dokumentacija za projekat**  
**„Spin“ table tennis academy**  
**Predmet: Web programiranje 1**



Profesor:  
dr Nenad Kojić

Student:  
Vladimir Ješić 22/22

Link: <https://vladimirjesic.github.io/stj/>

## Sadržaj

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## Uvod

### Korišćeni programski jezici

Prilikom izrade ovog projekta korišćeni su sledeći alati: HTML, CSS, JavaScript, XML, jQuery, Bootstrap. Korišćen je Visual Studio Code kao radno okruženje

### Opis funkcionalnosti

#### index.html

- Dinamički ispis navigacione liste u header-u
- Dugme u prvoj sekciji sajta koje odmah šalje korisnika na poslednju sekciju stranice gde se nalazi kontakt forma
- Sekcija o nama gde je upotrebljena toggle funkcija jQuery-ja koja menja prikaz teksta
- Sekcija o trenirima koja je kreirana pomoću Bootstrap-ovih kartica ali je sadržaj učitana dinamički putem JavaScript-a
- Slajder koji je urađen pomoću JavaScript-a koji prikazuje različite slike
- Kartice reketa kreirane Bootstrap-om
- Kontakt forma, čija je validacija odradjena JavaScript-om i javlja korisniku grešku prilikom pogrešnog popunjavanja forme
- Dinamički ispisan footer koji sadrži linkove ka dokumentaciji sajta i sitemap-u

#### author.html

- Dinamički ispis navigacione liste u header-u
- Dinamički ispisan footer koji sadrži linkove ka dokumentaciji sajta i sitemap-u

## Template

Prilikom izrade projekta nije korišćen template

## Organizacija

### Organizaciona šema



Sajt sadrži dve stranice koje su medjusobno povezane

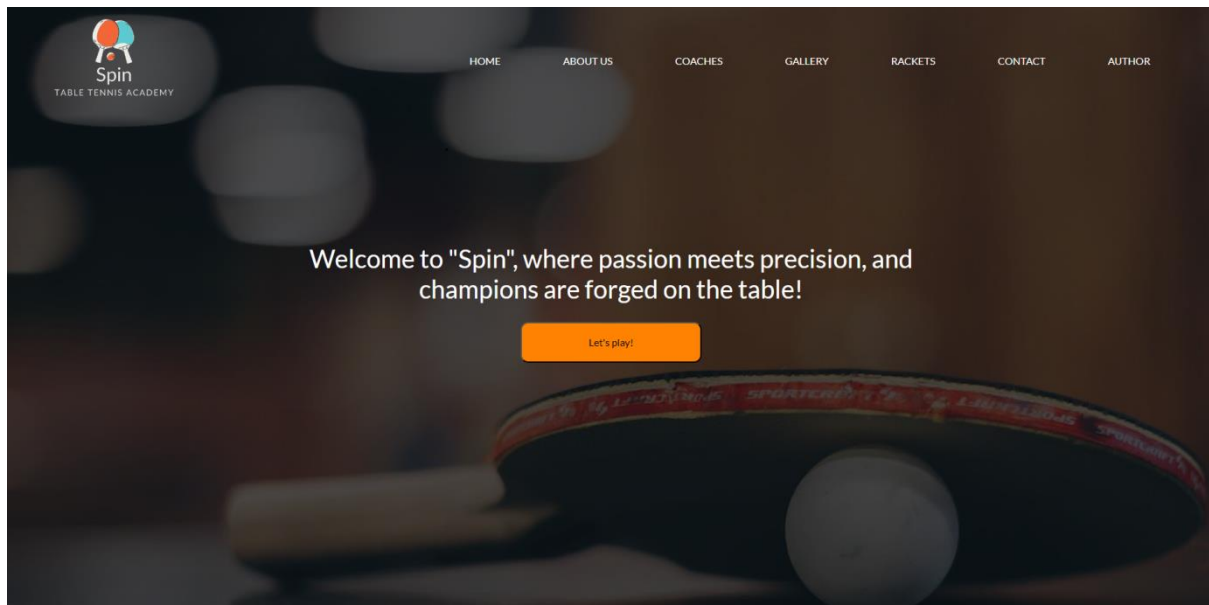
## Sitemap



```
1  <?xml version="1.0" encoding="UTF-8"?>
2
3  <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
4
5
6      <url>
7          <loc>https://vladimirjesic.github.io/stj/index.html</loc>
8          <changefreq>daily</changefreq>
9          <priority>1.0</priority>
10     </url>
11
12     <url>
13         <loc>https://vladimirjesic.github.io/stj/author.html</loc>
14         <changefreq>monthly</changefreq>
15         <priority>0.7</priority>
16     </url>
17
18
19 </urlset>
```

## Slike stranica i opisi funkcionalnosti

index.html



### About us



At "Spin", we are more than just a training facility; we are a community united by the love of table tennis. Established with the vision of nurturing talent and fostering a culture of excellence, our academy stands as a beacon for aspiring table tennis enthusiasts of all ages and skill levels.

What sets us apart is our unwavering commitment to providing top-notch coaching led by a team of seasoned professionals.

Show more | Hide

We believe in fostering a sense of camaraderie among our members. We organize regular tournaments, friendly matches, and social events to create a vibrant and supportive community. It's not just about the game; it's about building friendships and a shared love for the sport.

Show more | Hide



## Coaches



**Timo Boll**  
The record-holder for number of European titles won and a champion across multiple international competitions.



**Quadri Aruna**  
Crowned Male Table Tennis Star of 2014 and Africa's highest-ranked player



**Truls Moregard**  
Won bronze with the Swedish team at the World Team Table Tennis Championships in 2018, as well as at the 2019 European Table Tennis Championships.



**Mattias Falck**  
Sensational display at the 2019 ITTF World Championships in Budapest, where he became the first Swede to reach the men's singles final since 1997!



**Darko Jorgic**  
He made a surprise run to the Quarterfinals of the Tokyo 2020 Olympics followed by an impressive showing at WTT Star Contender Doha 2021, narrowly losing out in the Final.



**Panagiotis Gionis**  
The Greek has competed in four Olympic Games, starting on home soil at Athens 2004, and he led the men's national team to a remarkable silver medal at the 2013 European Championships, where he finished third in the men's singles event.

Learn from the best coaches in the sport

## Gallery





### Rackets



Victas V-Bat Basic 1500 S  
Quality bat with 2 balls, ideal for learning all table tennis techniques. With its ITTF-approved rubbers, the bat can also be used in official competitions.



Victas V-Bat Basic 1500 PLUS BLACK Racket - Winter Wonders  
Quality bat with 2 balls and bat wallet. Ideal for learning all table tennis techniques and spin variations.



Andro 100 B Racket with Inzio Allround FL and Good 1.8 blue and black  
A racket approved for competition, which opens up a wide range of strokes for the all-rounder. Equally suitable for youngsters learning new hitting techniques.



Andro 100 G Racket with Inzio Allround FL and Good 1.8 green and black  
A racket approved for competition, which opens up a wide range of strokes for the all-rounder. Equally suitable for youngsters learning new hitting techniques.

### Contact

Name

Your name...

Last name

Your last name...

Email

Your email...

Phone number

Your phone...

Chose a coach

Select your gender:

☐ Male ☐ Female

Chose racket you want to use (you can chose more than one):

☐ Victas V-Bat Basic 1500 S

☐ Victas V-Bat Basic 1500 PLUS BLACK Racket - Winter Wonders

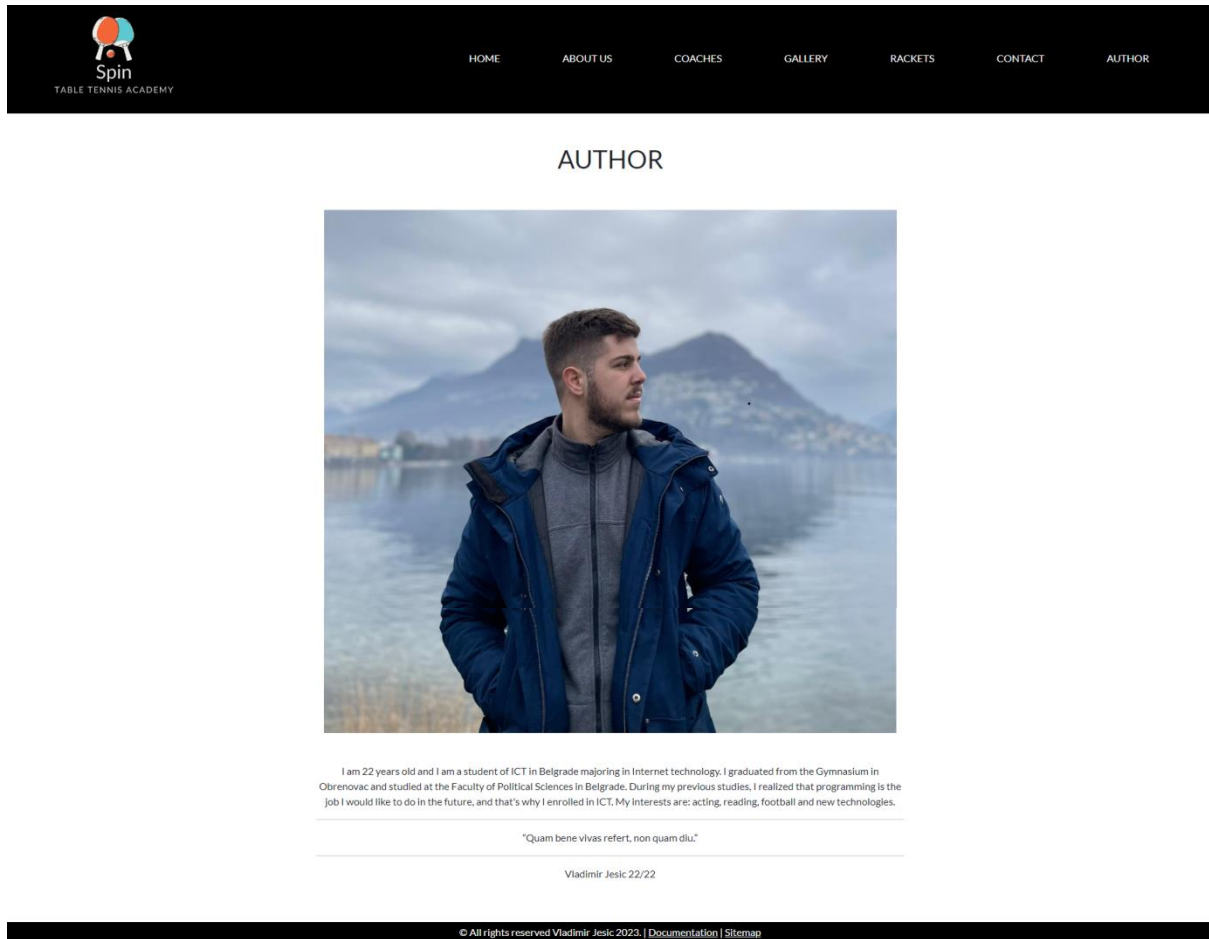
☐ Andro 100 B Racket with Inzio Allround FL and Good 1.8 blue and black

☐ Andro 100 G Racket with Inzio Allround FL and Good 1.8 green and black

Make an appointment

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U početnoj stranici (index.html) se nalaze opšte informacije o akademiji. Nalazi se dinamički ispisan navigacioni meni putem koga se pristupa sekcijama na stranici kao i drugoj stranici o autoru (native JavaScript). Slajder je napravljen JavaScript-om i sadrži različite slike. Kontakt sekcija sadrži kontakt formu sa validacijom (native JavaScript – regularni izrazi). Na kraju stranice se nalazi dinamički ispisan footer sa linkovima ka dokumentaciji i sitemap-u.



Stranica Author sadrži sliku i opis autora koji je pravio projekat. Sadrži i prethodno opisani dinamički ispisan navigacioni meni i footer.

# Kodovi

## HTML kodovi

### index.html kod

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <meta name="description" content="At 'Spin', we are more than just a training facility; we are a community united by the love of table tennis. Established with the vision of nurtu
7   <meta name="keywords" content="table tennis, racket, coach, academy">
8   <meta name="author" content="Vladimir Jasic">
9   <title>Table tennis academy</title>
10  <link rel="stylesheet" type="text/css" href="assets/css/style.css">
11  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoIi6uLrA9TneEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwmykc23P
12  <link rel="stylesheet" type="text/css" href="assets/css/responsive.css">
13  <link rel="icon" type="image" href="assets/images/icon.png">
14 </head>
15 <body>
16   <div id="hero-section">
17     <div id="overlay">
18       <div id="header">
19         <nav class="navbar navbar-expand-lg no-back">
20           <div class="container-fluid d-flex justify-content-between">
21             <div class="col-8 col-sm-6 col-md-4 col-lg-2">
22               <a class="navbar-brand" href="index.html"></a>
23             </div>
24             <div class="col-3 col-sm-4 col-md-6 col-lg-8 d-flex justify-content-end">
25               <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNavDropdown" aria-controls="navbarNavDropdown" aria-expanded="false"
26                 <span class="navbar-toggler-icon"></span>
27             </button>
28             <div class="collapse navbar-collapse flex-grow-0 w-100" id="navbarNavDropdown">
29               <ul class="navbar-nav d-flex justify-content-evenly w-100" id="menu">
30               </ul>
31             </div>
32           </div>
33         </nav>
34       </div>
35       <div id="heading">
36         <h1>Welcome to "Spin", where passion meets precision, and champions are forged on the table!</h1>
37         <button id="btn1" class="btn1">Let's play!</button>
38       </div>
39     </div>
40   </div>
41
42   <div id="about-section">
43     <div class="heading1 col-12">
44       <h2 class="text-center">About us</h2>
45     </div>
46     <div class="container">
47       <div class="row p-5">
48         <div class="col-md-6">
49           <div class="col-md-6 text-center">
50             <p>At "Spin", we are more than just a training facility; we are a community united by the love of table tennis. Established with the vision of nurturing talen
51             <p>What sets us apart is our unwavering commitment to providing top-notch coaching led by a team of seasoned professionals.</p>
52             <p class="hide" id="tg-1">Our state-of-the-art facilities are equipped with cutting-edge technology to ensure a holistic training experience. From personalize
53             <button id="btn-tg-1" class="btn1">Show more | Hide</button>
54           </div>
55         </div>
56       </div>
57       <div class="row p-5">
58         <div class="col-md-6 text-center">
59           <p>We believe in fostering a sense of camaraderie among our members. We organize regular tournaments, friendly matches, and social events to create a vibrant
60           <p class="hide" id="tg-2">Join us on the journey to elevate your table tennis skills to new heights. Whether you dream of standing atop the podium or simply w
61           <button id="btn-tg-2" class="btn1">Show more | Hide</button>
62         </div>
63         <div class="col-md-6">
64           
65         </div>
66       </div>
67     </div>
68   </div>
69
70   <div id="coaches-section">
71     <div class="heading1 col-12">
72       <h2 class="text-center">Coaches</h2>
73     </div>
74     <div class="container">
75       <div class="row d-flex justify-content-evenly text-center p-5">
76         <div class="col-12 col-lg-3 d-flex justify-content-center">
77           <div id="card1" class="card" style="width: 18rem;">
78           </div>
79         </div>
80         <div class="col-12 col-lg-3 d-flex justify-content-center">
81           <div id="card2" class="card" style="width: 18rem;">
82           </div>
83         </div>
84         <div class="col-12 col-lg-3 d-flex justify-content-center">
85           <div id="card3" class="card" style="width: 18rem;">
86           </div>
87         </div>
88         <div class="col-12 col-lg-3 d-flex justify-content-center">
89           <div id="card4" class="card" style="width: 18rem;">
90           </div>
91         </div>
92         <div class="col-12 col-lg-3 d-flex justify-content-center">
93           <div id="card5" class="card" style="width: 18rem;">
94           </div>
95         </div>
96       </div>
97     </div>
98   </div>
```



## author.html kod

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Table tennis academy</title>
7   <link rel="stylesheet" type="text/css" href="assets/css/style.css">
8   <link rel="icon" type="image" href="assets/images/icon.png">
9   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3C66I6L9A9TneEoa7RxnatzjcDSCmG1MXxSR1GAxKEV/Dwuykcc2MPKt" crossorigin="anonymous">
10 </head>
11 <body>
12 
13   <div id="header">
14     <nav class="navbar navbar-expand-lg">
15       <div class="container-fluid d-flex justify-content-between">
16         <div class="col-8 col-sm-6 col-md-4 col-lg-2">
17           <a class="navbar-brand" href="index.html"></a>
18         </div>
19         <div class="col-3 col-sm-4 col-md-6 col-lg-8 d-flex justify-content-end">
20           <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNavDropdown" aria-controls="navbarNavDropdown" aria-expanded="false" aria-label="Toggle navigation">
21             <span class="navbar-toggler-icon"></span>
22           </button>
23           <div class="collapse navbar-collapse flex-grow-0 w-100" id="navbarNavDropdown">
24             <ul class="navbar-nav d-flex justify-content-evenly w-100" id="menu">
25               <li><a href="#">Home</a></li>
26             </ul>
27           </div>
28         </div>
29       </div>
30     </nav>
31 
32     <div id="author" class="container-fluid pb-5">
33       <div class="row">
34         <div class="col-12 text-center pt-5">
35           <h1>AUTHOR</h1>
36         </div>
37       </div>
38       <div class="row d-flex align-items-center justify-content-evenly">
39         <div class="col-12 d-flex justify-content-center p-5">
40           
41         </div>
42         <div class="col-12 text-center w-50">
43           <p>I am 22 years old and I am a student of ICT in Belgrade majoring in Internet technology. I graduated from the Gymnasium in Obrenovac and studied at the Faculty of Engineering in Belgrade.</p>
44         </div>
45       </div>
46     </div>
47 
48     <div id="footer" class="text-center" id="ft">
49       <div class="row">
50         <div class="col-12">
51           <p><small>© 2023 Table Tennis Academy. All rights reserved.</small></p>
52         </div>
53       </div>
54     </div>
55   </body>
56 </html>

```

# CSS kodovi

## style.css kod

```
1  *{
2      margin: 0px;
3      padding: 0px;
4      font-family: lato;
5  }
6
7  @font-face {
8      font-family: lato;
9      src: url(../fonts/Lato-Regular.ttf);
10 }
11
12 p{
13     font-size: 16px;
14     font-family: lato;
15 }
16
17 h1, h2{
18     font-size: 32px;
19     font-family: lato;
20 }
21
22 h3{
23     font-size: 24px;
24     font-family: lato;
25 }
26
27
28 img{
29     width: 100%;
30 }
31
32
33 a:visited{
34     font-family: lato;
35     font-size: 16px;
36     color: ■white;
37 }
38
39 a:link{
40     color: ■white;
41 }
42
43 a:active{
44     color: ■#F9B508;
45 }
46
47 a:hover{
48     color: ■#F9B508;
49 }
50
51 .link:hover{
52     color: ■#F9B508;
53 }
54
55 nav ul li a:hover{
56     color: ■#F9B508;
57 }
58
59 .btn1{
60     border-radius: 12px;
61     width: 30%;
62     margin-top: 20px;
63     background-color: ■#FF8200;
64     transition-duration: 0.4s;
65 }
66
67 .btn1:hover{
68     background-color: ■white;
69 }
70
71 #hero-section{
72     background-image: url(../images/cover-image1.jpg);
73     background-repeat: no-repeat;
74     background-size: cover;
75     background-position: center;
76     height: 960px;
77     width: 100%;
78 }
79
80 #overlay{
81     background-color: ■rgba(8, 8, 8, 0.7);
82     height: 960px;
83     width: 100%;
84 }
85
86 nav{
87     background-color: ■#000;
88 }
89
90 .no-back{
91     background-color: transparent;
92 }
93
94 #heading{
95     width: 50%;
96     display: flex;
97     justify-content: center;
98     align-items: center;
```

```

99     flex-direction: column;
100     text-align: center;
101     margin: 0px auto;
102     padding-top: 200px;
103     line-height: 60px;
104     color: white;
105 }
106
107 .heading1{
108     padding: 100px;
109 }
110
111 #coaches-section, #rackets-section, footer{
112     background-color: black;
113     color: white;
114 }
115
116 .hide{
117     display: none;
118 }
119
120 #btn2{
121     width: 15%;
122     padding: 10px;
123 }
124
125 .btn{
126     background-color: #FF8200;
127 }
128
129 .slider-outer{
130     padding: 50px;
131     margin: 20px;
132 }
133 .slider-inner{
134
135     position: relative;
136     overflow: hidden;
137
138 }
139
140 .slider-inner img{
141     display: none;
142 }
143
144 .slider-inner img.active{
145     display: inline-block;
146 }
147
148 .prev, .next{
149     float: left;
150     margin-top: 130px;
151     cursor: pointer;
152 }
153
154 .prev{
155     position: relative;
156
157     z-index: 100;
158 }
159
160 .next{
161     position: relative;
162     z-index: 100;
163 }
164
165 .arrow{
166     border-radius: 5px;
167     margin: 0px auto;
168     border: 1px solid black;
169     padding: 10px 20px;
170     background: #FF8200;
171     font-size: 2em;
172     cursor: pointer;
173     transition-duration: 0.4s;
174 }
175
176 .arrow:hover{
177     background-color: white;
178 }
179
180
181
182
183 form {
184     color: black;
185     padding-top: 60px;
186     text-align: center;
187 }
188 form input[type-text] {
189     width: 40%;
190
191     color: black;
192     padding-top: 10px;
193     padding-bottom: 10px;
194     margin-bottom: 20px;
195     border-radius: 5px;
196 }
197 form input[type-email] {

```

```

198     width: 40%;
199     border-radius: 5px;
200     color: □black;
201     padding-top: 10px;
202     padding-bottom: 10px;
203     margin-bottom: 20px;
204 }
205 form textarea {
206     width: 70%;
207     margin-bottom: 20px;
208 }
209
210 #errorName{
211     display: none;
212 }
213
214 #errorName{
215     display: none;
216 }
217
218 #errorEmail{
219     display: none;
220 }
221
222 #errorQuestion{
223     display: none;
224 }
225
226 #errorPhone{
227     display: none;
228 }
229
230
231 #rockets-section img{
232     width: 50%;
233     margin: 0px auto;
234 }
235
236 #submit {
237     width: 20%;
238     height: 40px;
239 }

```

## responsive.css kod

```

@media screen and (max-width: 992px) {
    .btn1{
        font-size: 14px;
    }
    h1{
        font-size: 24px;
    }
    #about-section p{
        font-size: 12px;
    }
    #about-section button{
        width: 50%;
        font-size: 12px;
    }
    #contact-section .btn1{
        width: 50%;
    }
}

@media screen and (max-width: 576px) {
    .btn1{
        font-size: 14px;
        width: 50%;
    }
    h1{
        font-size: 22px;
    }
    .slider-outer{
        padding: 0px;
    }
}

```



# JavaScript kod

## main.js kod

```
1  var paths = ["index.html", "#about-section", "#coaches-section", "#gallery-section", "#rackets-section", "#contact-section", "author.html"];
2  var nav = ["HOME", "ABOUT US", "COACHES", "GALLERY", "RACKETS", "CONTACT", "AUTHOR"];
3  var menu = document.getElementById("menu");
4  var links = "";
5  for(var i=0; i<nav.length; i++) {
6    links+="- 

```

```

100
101 inputName.addEventListener("blur",checkName);
102
103
104
105
106 var regExName=/^[A-Z][a-z]{2,10}$/;
107
108 var inputName=document.getElementById("lname");
109
110 function checkName(){
111
112     if(!regExName.test(inputName.value))
113     {
114         document.getElementById("errorName").style.display="block";
115         inputName.style.border="3px solid red";
116     }
117     else{
118         document.getElementById("errorName").style.display="none";
119         inputName.style.border="3px solid green";
120     }
121 }
122
123 inputName.addEventListener("blur",checkName);
124
125
126
127 var regExEmail=/^[a-z-\.\,]#@([a-z]+\,)+[a-z-]{2,4}$/;
128
129 var inputEmail=document.getElementById("email");
130
131 function checkEmail(){
132
133     if(!regExEmail.test(inputEmail.value))
134     {
135         document.getElementById("errorEmail").style.display="block";
136         inputEmail.style.border="3px solid red";
137     }
138     else{
139         document.getElementById("errorEmail").style.display="none";
140         inputEmail.style.border="3px solid green";
141     }
142 }
143
144 inputEmail.addEventListener("blur",checkEmail);
145
146
147
148 var regExPhone = /^[0-9]{10}$/;
149
150 var inputPhone = document.getElementById("phone");
151
152 function checkPhone(){
153
154     if(!regExPhone.test(inputPhone.value))
155     {
156         document.getElementById("errorPhone").style.display="block";
157         inputPhone.style.border="3px solid red";
158     }
159     else{
160         document.getElementById("errorPhone").style.display="none";
161         inputPhone.style.border="3px solid green";
162     }
163 }
164
165 inputPhone.addEventListener("blur",checkPhone);
166
167
168
169
170 var footer = document.getElementById("ft");
171 footer.innerHTML="<p class='mb-0 p-1'>&copy All rights reserved Vladimir Jescic 2023. | <a href='index.html' target='_blank'>Documentation</a> | <a href='sitemap.xml' target='_blank'>SS

```

## author.js kod

```
assets > js > JS gallery.js > ...
1  var alts = ["Burger on plate", "Three burgers", "Burger with fries", "Table", "Meal", "People in restaurant", "Three beers", "Guinness beer", "Beer"];
2  var galleryPaths = [];
3  for(var i=0; i<9; i++) {
4    galleryPaths[i] = "gallery" + (i+1) + ".jpg";
5  }
6
7  var g11 = document.getElementById("g11");
8  var g12 = document.getElementById("g12");
9  var g13 = document.getElementById("g13");
10
11  var links1 = "";
12  var links2 = "";
13  var links3 = "";
14  for(var i=0; i<3; i++) {
15    links1 += "<div class='col-12 col-lg-3 mb-5'> <img src='assets/images/" + galleryPaths[i] + "' class='img-thumbnail' alt='" + alts[i] + "'></div>";
16  }
17
18  for(var i=3; i<6; i++) {
19    links2 += "<div class='col-12 col-lg-3 mb-5'> <img src='assets/images/" + galleryPaths[i] + "' class='img-thumbnail' alt='" + alts[i] + "'></div>";
20  }
21
22  for(var i=6; i<9; i++) {
23    links3 += "<div class='col-12 col-lg-3 mb-5'> <img src='assets/images/" + galleryPaths[i] + "' class='img-thumbnail' alt='" + alts[i] + "'></div>";
24  }
25
26  g11.innerHTML=links1;
27  g12.innerHTML=links2;
28  g13.innerHTML=links3;
```