



UNIVERZITET U NOVOM SADU  
FAKULTET TEHNIČKIH NAUKA



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Katedra za animaciju u inženjerstvu  
**Web dizajn**  
Predmetni projekat

Novi Sad, 2024.

## 1. Tema sajta

Tema i inspiracija sajta rađenog za potrebe predmetnog projekta jesu razni restorani, kako domaći, tako i strani. Motivacija za to proistekla je iz želje da se kreira sajt vezan za hranu.

## 2. Izazovi pri izradi sajta

Izazovi pri izradi sajta su bili brojni, ponajviše u vezi sa pravilnim vertikalnim centriranjem elemenata sajta kao i pravilnom upotrebom *GitHub-a*.

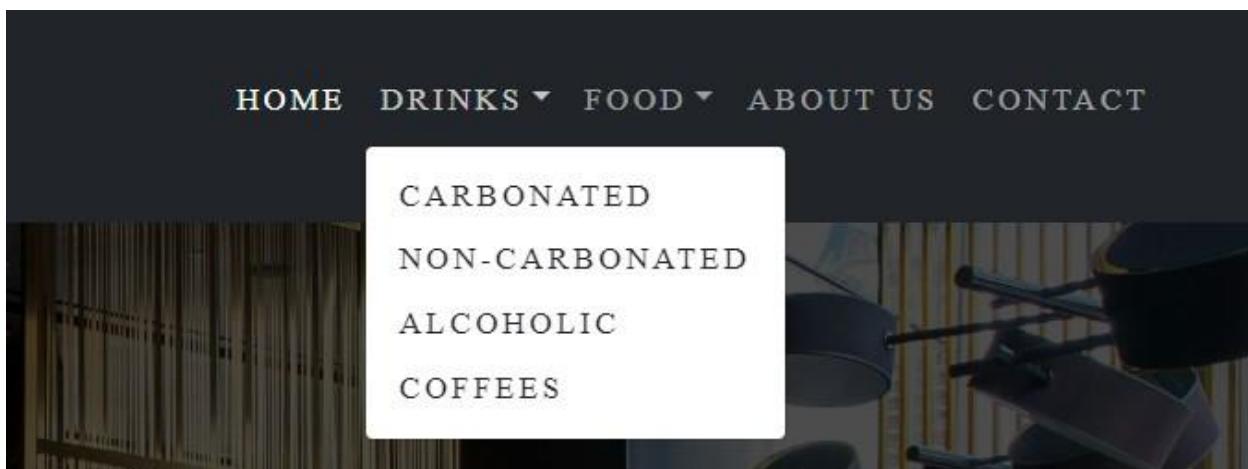
Problemi su se javljali i kod slika u galeriji sajta. To i kreiranje skladnog izgleda sa ostalim elementima sajta je predstavljalo jednu od većih poteškoća pri izradi.

## 3. Implementacija traženih elemenata

### 3.1 Sajt treba da ima minimum 10 stranica, koje imaju konzistentan dizajn, prilagođen temi sajta.

U ovom delu zadatka kreirali smo glavnu stranicu, padajući meni sa pićima (4 stranice), padajući meni sa hranom (3 stranice), o nama i kontakt stranicu. Primer se može videti na sledećoj slici (slika 1).

index.html, carbonated.html, noncarbonated.html, alcoholic.html, coffees.html, breakfest.html, lunch.html, dessert.html, About.html, contact.html

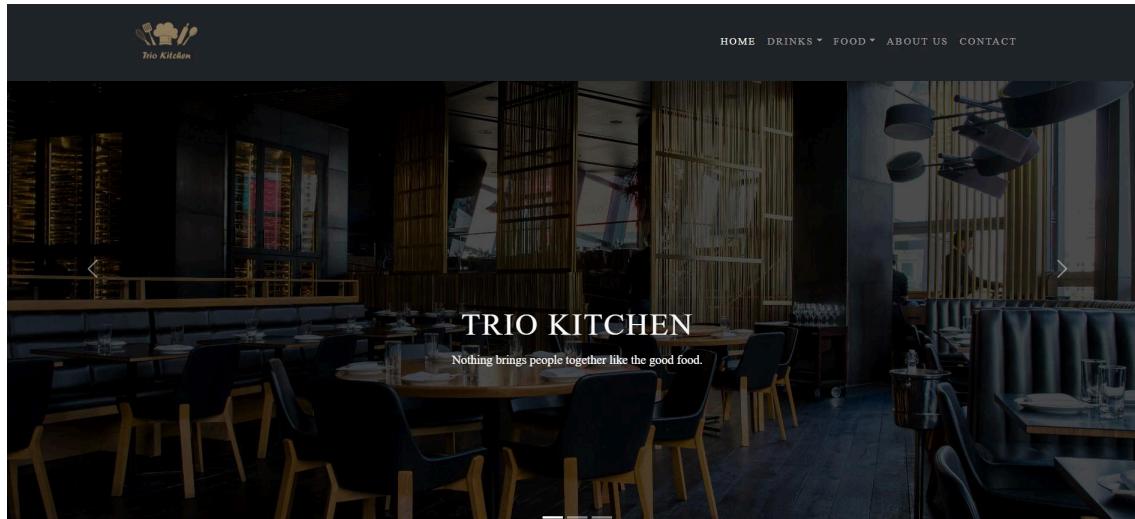


Slika 1: Stranice

### 3.2 Svaka strana treba da ima navigaciju, sadržaj i podnožje.

index.html, linija 27-83

index.html, linija 304-314

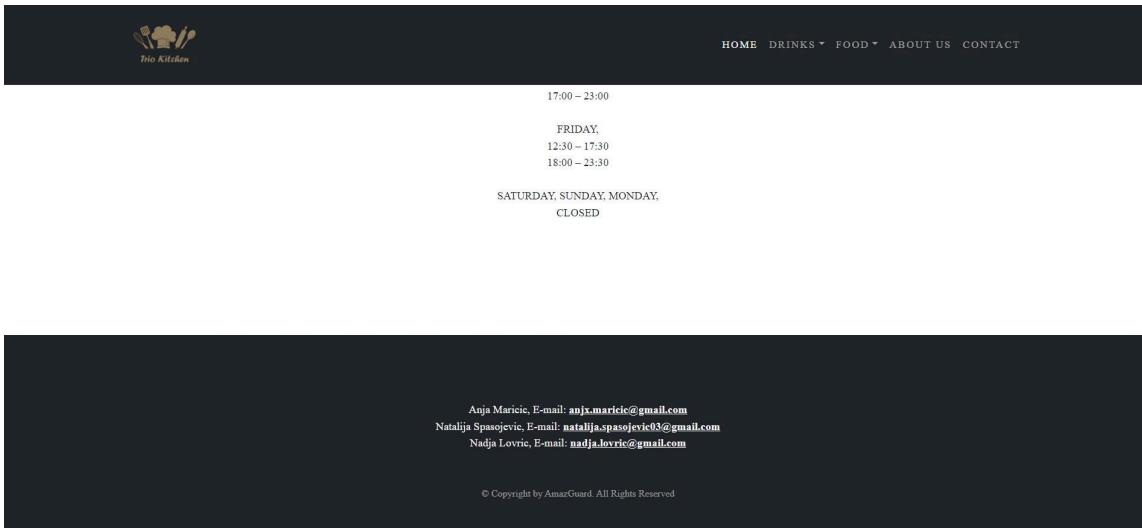


*Slika 2: Navigacija*

```
<nav class="navbar fixed-top bg-dark navbar-dark navbar-expand-lg">
  <div class="container">
    <a href="index.html"></a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
      data-bs-target="#navmenu"
      aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
      navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navmenu">
      <ul class="navbar-nav ms-auto">
        <li class="nav-item active">
          <a href="index.html" class="nav-link active">Home</a>
        </li>
        <li class="nav-item dropdown">
          <a href="#drinks" class="nav-link dropdown-toggle"
            id="navbarDropdown" role="button"
            data-bs-toggle="dropdown" aria-expanded="false">Drinks</a>
          <ul class="dropdown-menu" aria-labelledby="navbarDropdown">
            <li>
              <a href="carbonated.html" class="dropdown-item">Carbonated</a>
```

```
</li>
<li>
    <a href="noncarbonated.html">
        Non-carbonated
    </a>
</li>
<li>
    <a href="alcoholic.html" class="dropdown-item">Alcoholic</a>
</li>
<li>
    <a href="coffees.html" class="dropdown-item">Coffees</a>
</li>
</ul>
</li>
<li class="nav-item dropdown">
    <a href="#drinks" class="nav-link dropdown-toggle" id="navbarDropdown" role="button" data-bs-toggle="dropdown" aria-expanded="false">Food</a>
    <ul class="dropdown-menu" aria-labelledby="navbarDropdown">
        <li>
            <a href="breakfest.html" class="dropdown-item">Breakfast</a>
        </li>
        <li>
            <a href="lunch.html" class="dropdown-item">Lunch</a>
        </li>
        <li>
            <a href="dessert.html" class="dropdown-item">Dessert</a>
        </li>
    </ul>
</li>
<li class="nav-item">
    <a href="About.html" class="nav-link">About Us</a>
</li>
<li class="nav-item">
    <a href="contact.html" class="nav-link">Contact</a>
</li>
</ul>
</div>
</div>
</nav>
```



**Slika 3: Footer**

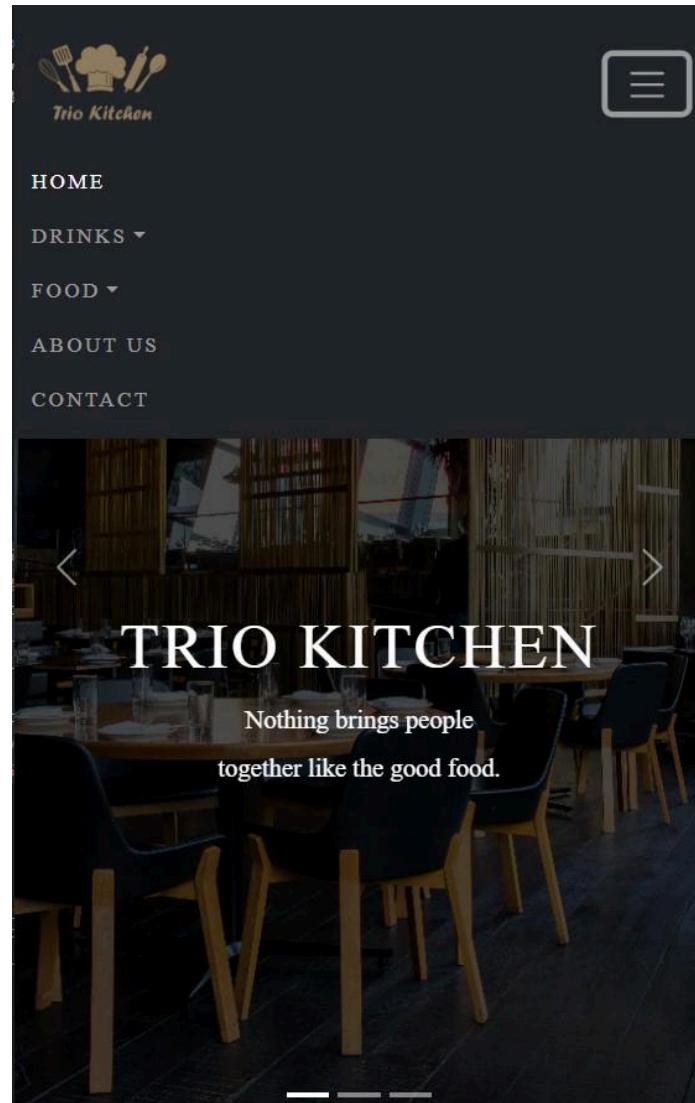
```
<footer class="footer bg-dark py-5 mt-5">
    <div class="container text-light text-center">
        Anja Maricic, E-mail: <a class="text-reset fw-bold" href="mailto:anjx.maricic@gmail.com">anjx.maricic@gmail.com</a><br>
        Natalija Spasojevic, E-mail: <a class="text-reset fw-bold" href="mailto:natalija.spasojevic03@gmail.com">natalija.spasojevic03@gmail.com</a><br>
        Nadja Lovric, E-mail: <a class="text-reset fw-bold" href="mailto:nadja.lovric@gmail.com">nadja.lovric@gmail.com</a> <br> <br>
    <br>
        <small class="text-white-50">&copy; Copyright by AmazGuard. All Rights Reserved</small>
    </div>
</footer>
```

Sadržaj se nalazi između navigacije i footer-a, tj. u linijama 87-299.

### **3.3 Napraviti da se sajt skalira u odnosu na veličinu ekrana i prilagodi uređaju na kome se koristi (skrivanjem delova teksta pod dugme itd.)**

Kada se skalira navigacioni meni na veličinu telefona, stavljen je da se umesto svih stranica pojavi dugme. Kada se to dugme pritisne, pojave se i ostale stranice. Izgled prikaza na telefonu se može videti na sledećoj slici (slika 4).

index.html, linija 31-34



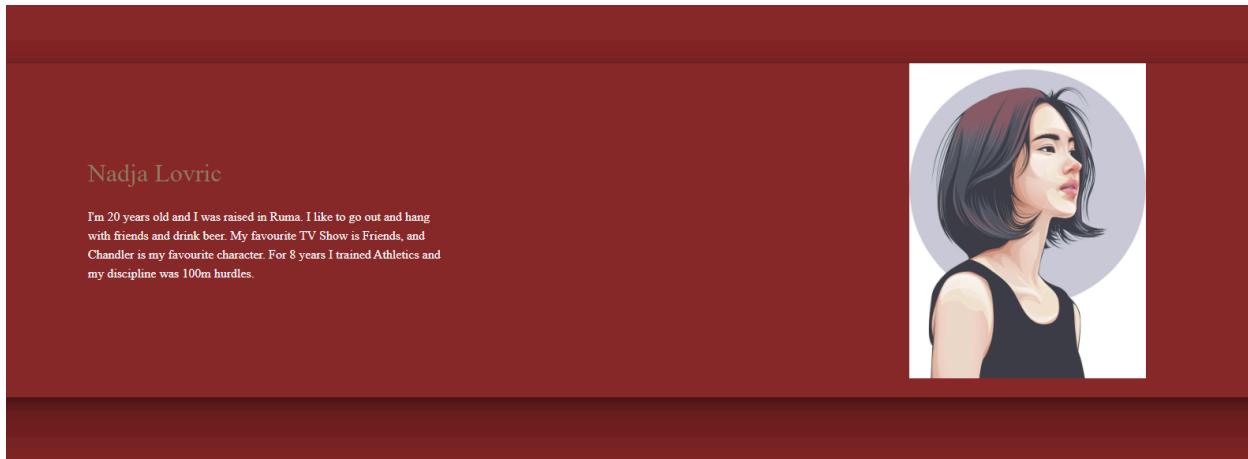
**Slika 4:** Hamburger menu

```
<button      class="navbar-toggler"      type="button"      data-bs-toggle="collapse"
data-bs-target="#navmenu"
aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
</span>
</button>
```

### 3.4 Sajt napraviti preko Bootstrap grid-a.

Svi elementi su kreirani upotrebom *Bootstrap grid-a*. U nastavku je prikazan jedan primer.

index.html, linija 152-174



**Slika 5:** Bootstrap sekcija

```
<section class="steps steps--background">

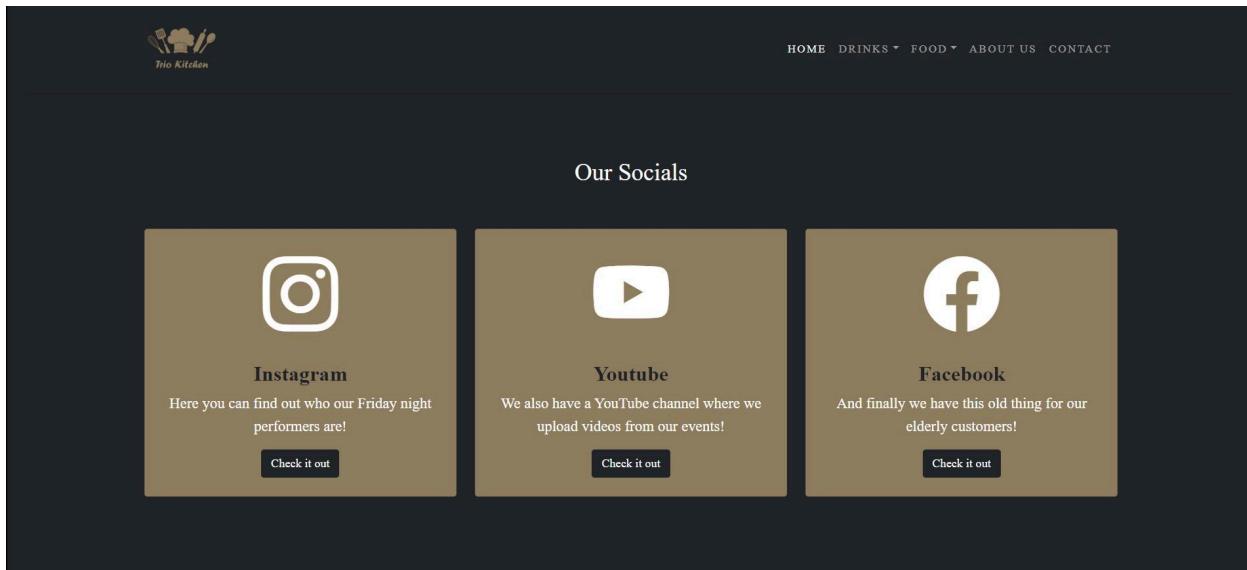
<div class="container-custom">
    <div class="row border-box">
        <div class="col-12 col-sm-6 d-md-flex order-sm-1">
            
        </div>

        <div class="col-12 col-sm-6 align-self-center">
            <div class="steps__content-width">
                <h1 class="header h2 mb-4">Nadja Lovric</h1>
                <p class="text mb-4">I'm 20 years old and I was raised in Ruma. I like to
go out and hang with
                    friends and drink beer.
                    My favourite TV Show is Friends, and Chandler is my favourite
character. For 8 years I
                    trained Athletics and my discipline was 100m hurdles.
                </p>
            </div>
        </div>
    </div>
</div>

</section>
```

### 3.5 Bootstrap koristiti za definisanje slika, kartica, dugmića (boja, hover...)

index.html, linije 198-241



**Slika 6:** Kartice

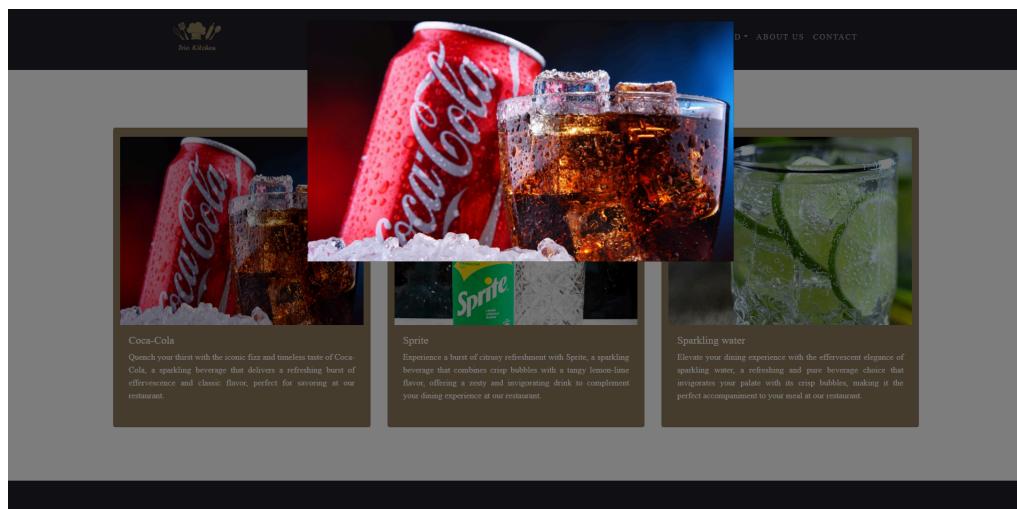
```
<section id="socials" class="our-socials section-padding">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <div class="section-header text-center pb-5">
                    <h2>Our Socials</h2>
                </div>
            </div>
        </div>

        <div class="row">
            <div class="col-12 col-md-12 col-lg-4">
                <div class="card text-white text-center pb-2">
                    <div class="card-body">
                        <i class="bi bi-instagram"></i>
                        <h3 class="card-tittle">Instagram</h3>
                        <p class="lead">Here you can find out who our Friday night performers are!</p>
                        <button class="btn btn-dark">Check it out</button>
                    </div>
                </div>
            </div>
            <div class="col-12 col-md-12 col-lg-4">
                <div class="card text-white text-center pb-2">
                    <div class="card-body">
                        <i class="bi bi-youtube"></i>
                        <h3 class="card-tittle">Youtube</h3>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
```

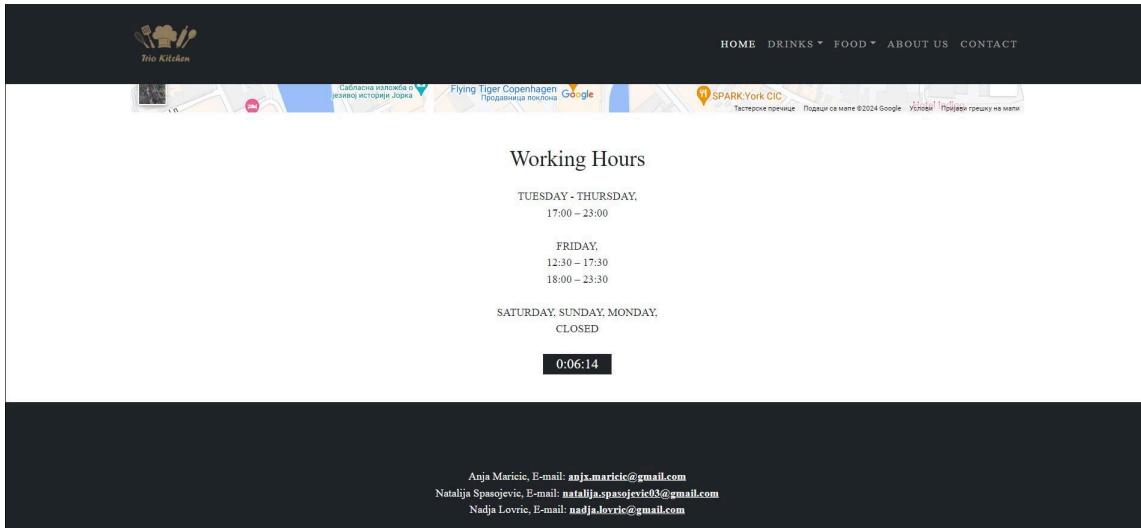
```
<p class="lead">We also have a YouTube channel where we upload  
videos from our events!</p>  
    <button class="btn btn-dark">Check it out</button>  
    </div>  
    </div>  
    </div>  
<div class="col-12 col-md-12 col-lg-4">  
    <div class="card text-white text-center pb-2">  
        <div class="card-body">  
            <i class="bi bi-facebook"></i>  
            <h3 class="card-tittle">Facebook</h3>  
            <p class="lead">And finally we have this old thing for our elderly  
customers!</p>  
            <button class="btn btn-dark">Check it out</button>  
        </div>  
    </div>  
    </div>  
    </div>  
    </div>  
</section>
```

### 3.6 JavaScript koristiti za definisanje elemenata rađenih na vežbama.

carbonated.html, linija 80  
index.html, linija 280-296



**Slika 7: Onclick Picture**



**Slika 8: Sat**

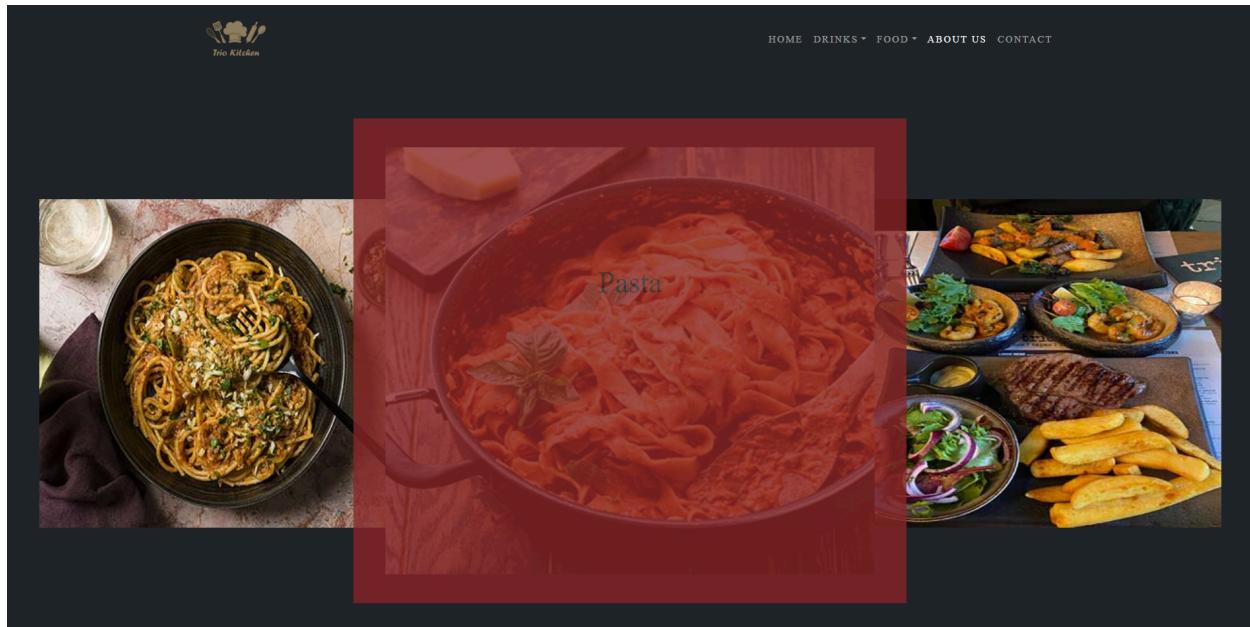
```
<div class="card col col-sm-3 col-10 mx-3 pt-3 gallery-card text-white" onclick="#('cola-modal').modal('show')">

<script>
    function startTime() {
        const today = new Date();
        let h = today.getHours();
        let m = today.getMinutes();
        let s = today.getSeconds();
        m = checkTime(m);
        s = checkTime(s);
        document.getElementById('txt').innerHTML = h + ":" + m + ":" + s;
        setTimeout(startTime, 1000);
    }

    function checkTime(i) {
        if (i < 10) { i = "0" + i; } // add zero in front of numbers < 10
        return i;
    }
</script>
```

**3.7 Na jednoj strani treba da postoji galerija sa slikama. Galerijski prikaz da se sastoji od jednakih zona sa umanjenom slikom i nazivom, koje imaju hover stanje i na koje se otvara uvećana slika.**

About.html, linija 201-339



**Slika 9:** Galerija

```
<h1>Gallery</h1>
<div class="row">

    <div class="col-lg-4 col-sm-4">
        <div class="thumbnail">
            <div class="img-container2">
                
                <div class="overlay">
                    <p class="caption">Restaurant</p>
                </div>
            </div>
        </div>
    </div>

    ...
    <div class="col-lg-4 col-sm-4">
        <div class="thumbnail">
            <div class="img-container2">
                
                <div class="overlay">
                    <p class="caption">Wine</p>
                </div>
            </div>
        </div>
    </div>
```

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

**3.8 Svaka stranica treba da ima funkcionalnu glavnu navigaciju koja vodi na stranice. Navigacija treba da je uvek fiksirana uz gornju ivicu sajta kada se stranica skroluje. Linkovi na navigaciji treba da imaju hover stanje. U sklopu navigacije treba da bude umanjeni logo sajta koji vodi na početnu stranu.**

index.html, linija 27-83

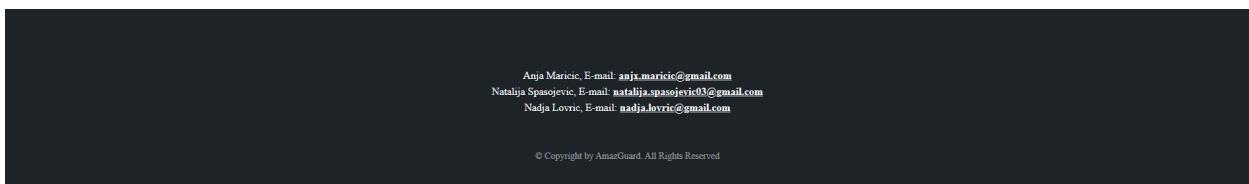


**Slika 10: Navigacija**

```
<nav class="navbar fixed-top bg-dark navbar-dark navbar-expand-lg">  
  <div class="container">  
    <a href="index.html"><img class="d-inline-block align-top"  
      ...  
    </div>  
</nav>
```

**3.9 Svaka strana treba da ima podnožje sa e-mail adresom. Podnožje mora biti fiksirano na ekranu.**

index.html, linija 304-314



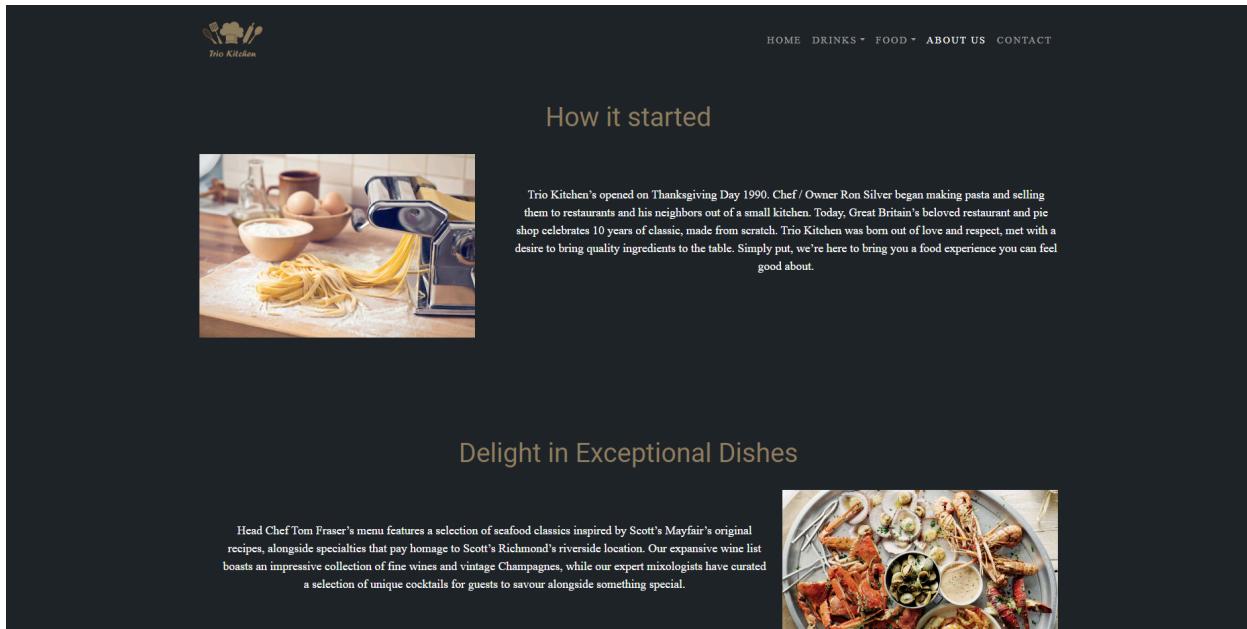
**Slika 11: Footer**

```
<footer class="footer bg-dark py-5 mt-5">  
  <div class="container text-light text-center">  
    Anja Maricic, E-mail: <a class="text-reset fw-bold"  
      href="mailto:anjx.maricic@gmail.com">anjx.maricic@gmail.com</a><br>  
    Natalija Spasojevic, E-mail: <a class="text-reset fw-bold"
```

```
href="mailto:natalija.spasojevic03@gmail.com">natalija.spasojevic03@gmail.com</a><br>
Nadja Lovric, E-mail: <a class="text-reset fw-bold">
    href="mailto:nadja.lovric@gmail.com">nadja.lovric@gmail.com</a> <br> <br>
<br>
    <small class="text-white-50">&copy; Copyright by AmazGuard. All Rights
Reserved</small>
</div>
</footer>
```

**3.10 Na jednoj strani mora biti naslov i minimum 3 paragrafa teksta ispunjenih smislenim sadržajem. Naslov mora biti stilizovan pomoću Google Fonts servisa. Tekst u parrafu mora biti obojen i izmenjen u odnosu na predefinisan stil.**

About.html, linija 78-153



**Slika 12: Parografi**

```
<section id="paragraf1" class="paragraf1">
    <div class="container">
        <div class="paragraf1-heading text-center">
            <h1>How it started</h1>
            ...
            <div class="col-lg-8 col-md-12 col-12 ps-lg-5 mt-md-5">
                <div class="paragraf3-text">
                    <p>Join us and experience evenings of live acoustic guitar on Fridays, and
DJ on Saturdays from
```

```
8pm – 1am, alongside our exceptional menu and delectable themed
cocktails.</p>
</div>
</div>
</div>
</div>
</div>
</section>
```

### **3.11 Projekat se radi u grupi od 3 člana**

Članovi grupe su: Natalija Spasojević, Anja Maričić i Nađa Lovrić.

### **3.12 U komentarima u zaglavlju sajta navesti ime, prezime i broj indeksa.**

index.html, linija 16-18

```
<!--Natalija Spasojević, AI13/2021-->
<!--Anja Maričić, AI17/2021-->
<!--Nađa Lovrić, AI5/2021-->
```

## **4. Razmatrana unapređenja**

Postoji više načina za unapređenje kreiranog sajta. Sa više vremena moguće je dodatno proširiti sajt sa više sadržaja (teksta, slika itd.).