



UNIVERZITET U NOVOM SADU
FAKULTET TEHNIČKIH NAUKA



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Katedra za animaciju u inženjerstvu
WEB dizajn
Predmetni projekat

Novi Sad, 2025.

1. Tema sajta

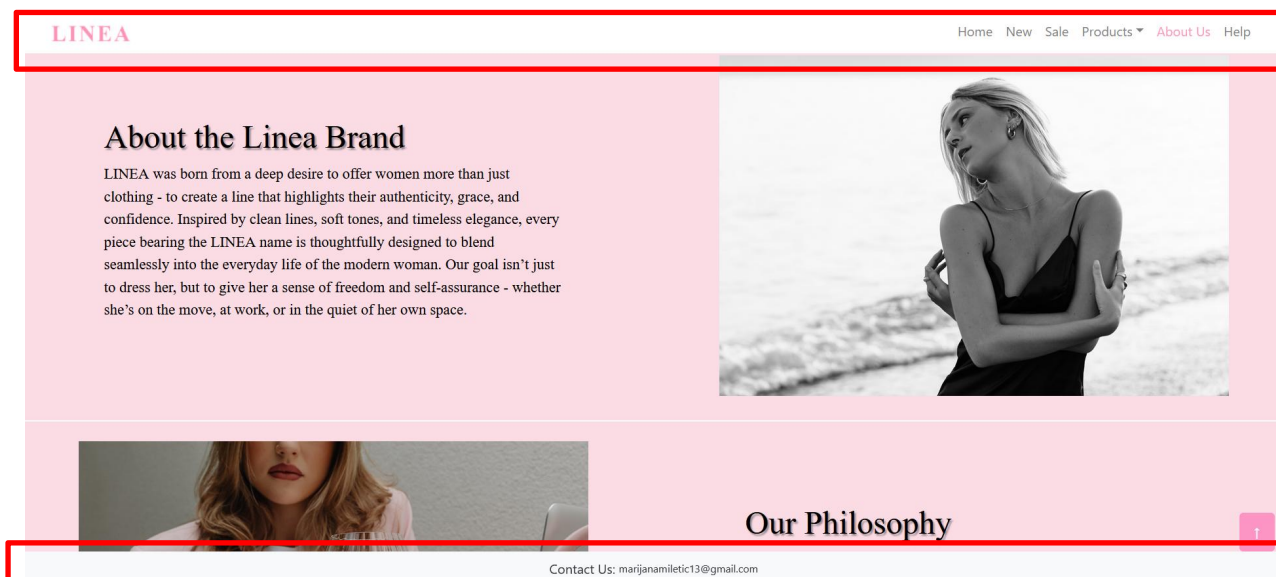
Tema sajta je modni brend Linea, koji je zamišljen kao moderan i pregledan web sajt na kojem posjetioci mogu saznati više o brendu, pogledati kolekcije i kontaktirati firmu. Sajt je kreiran tako da bude vizuelno atraktivan i funkcionalan, sa naglaskom na jednostavnu navigaciju i preglednost proizvoda.

2. Izazovi pri izradi sajta

Prilikom izrade sajta najviše izazova predstavljalo je prilagođavanje dizajna pomoću Bootstrapa i dodatnog CSS-a, kao i usklađivanje elemenata tako da izgledaju dobro i na mobilnim uređajima, odnosno da sajt bude potpuno responzivan. Takođe, još jedan od izazova bila je organizacija sadržaja, jer je trebalo pronaći balans između preglednosti i popunjenosti stranice, kako bi sajt bio funkcionalan, ali ne previše prazan ili pretrpan. Poseban izazov bila je upotreba JavaScripta, zbog nedovoljnog poznavanja njegovih mogućnosti i načina primjene.

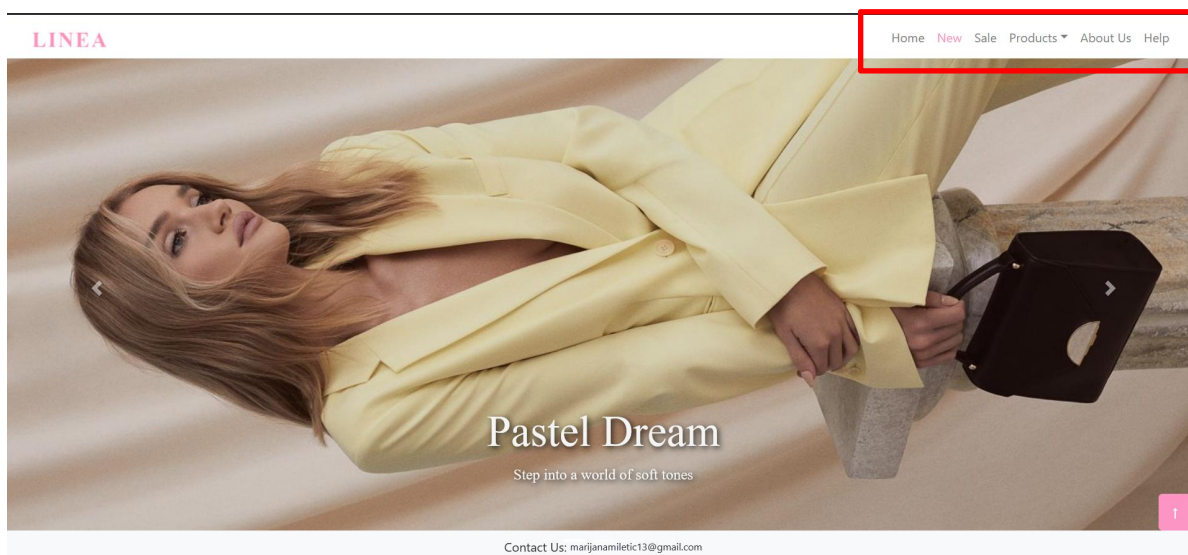
3. Implementacija traženih elemenata

- Sajt ima 10 stranica koje imaju konzistentan dizajn i smislen sadržaj, prilagođen temi sajta, a to su: *HOME, ABOUT US, New, Sale, Help, Dresses, Pants, Shirts, Suits i Bags*. Takođe, sve stranice koriste zajednicki CSS fajl pod nazivom *stilizovanje.css*.
- Svaka strana ima navigaciju, sadržaj i podnožje.



Slika 1 - Navigacija, sadržaj i podnožje

- Sajt se skalira u odnosu na veličinu ekrana i prilagođava se uređaju na kom se koristi. Navigacija se skriva pod dugme, a raspored slika se mijenja u odnosu na veličinu ekrana.

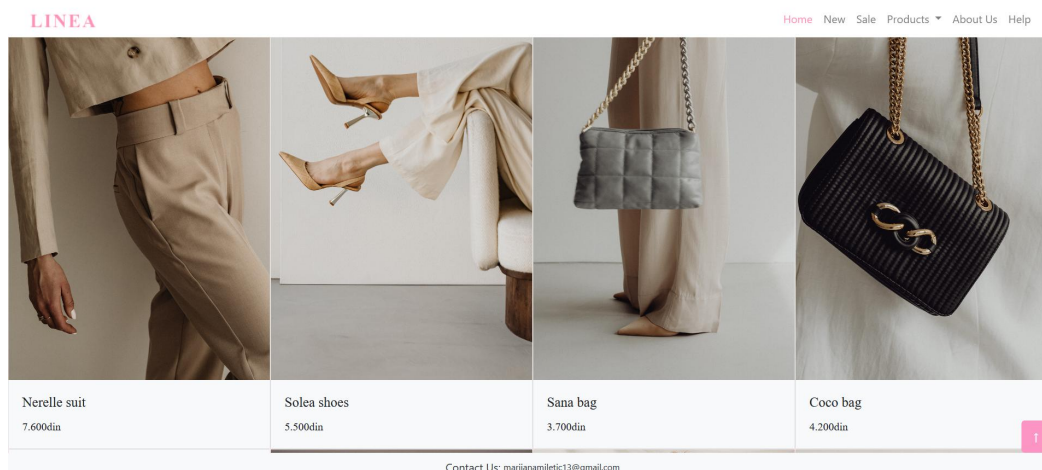


Slika 2 - Sajt na velikom ekranu



Slika 3 - Sajt na telefonu

- *Bootstrap* je korišten za definisanje kartica i dugmića



Slika 4 - Bootstrap kartice

```

<div class="row no-gutters">
  <div class="col-md-3">
    <div class="card product-card">
      <div class="image-wrapper">
        
        
      </div>
      <div class="card-body">
        <h5 class="card-title">Nerelle suit</h5>
        <p class="card-text">7.600din</p>
      </div>
    </div>
  </div>

  <div class="col-md-3">
    <div class="card product-card">
      <div class="image-wrapper">
        
        
      </div>
      <div class="card-body">
        <h5 class="card-title">Solea shoes</h5>
        <p class="card-text">5.500din</p>
      </div>
    </div>
  </div>

  <div class="col-md-3">
    <div class="card product-card">
      <div class="image-wrapper">
        
        
      </div>
      <div class="card-body">
        <h5 class="card-title">Sana bag</h5>
        <p class="card-text">3.700din</p>
      </div>
    </div>
  </div>

  <div class="col-md-3">
    <div class="card product-card">
      <div class="image-wrapper">
        
        
      </div>
      <div class="card-body">
        <h5 class="card-title">Coco bag</h5>
        <p class="card-text">4.200din</p>
      </div>
    </div>
  </div>
</div>

```

Slika 5 - Bootstrap kartice html

```

.image-wrapper {
  position: relative;
  width: 100%;
  height: 100vh;
  overflow: hidden;
}

.image-wrapper img {
  width: 100%;
  height: 100%;
  object-fit: cover;
  display: block;
  transition: opacity 0.4s ease;
}

.main-image {
  display: block;
}

.hover-image {
  position: absolute;
  top: 0;
  left: 0;
  opacity: 0;
}

.product-card:hover .hover-image {
  opacity: 1;
}

.product-card:hover .main-image {
  opacity: 0;
}

```

Slika 6 - Bootstrap kartice css

LINEA

Home New Sale Products About Us Help

Need Help?
Contact Our Team

We're here to help! Send us your questions and we'll get back to you as soon as possible.

Name
Enter your full name

Email address
Enter your email

Your Question
Type your question here...

Send

Contact Us: marijanamiletic13@gmail.com

↑

Slika 7 - Bootstrap dugmad

```

<div class="d-flex justify-content-center">
  <button type="button" class="btn btn-pink">Send</button>
</div>

```

Slika 8 - Bootstrap dugme Send

```

<a href="#top" class="btn btn-back btn-lg">↑</a>

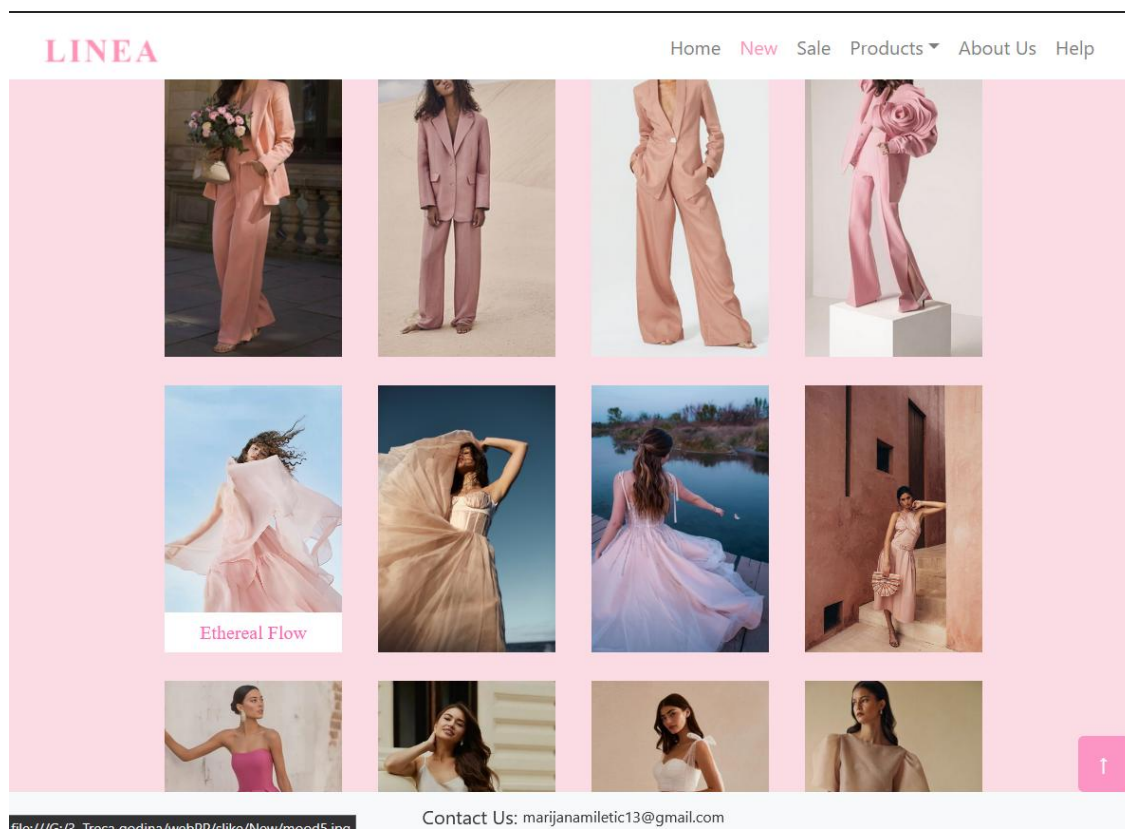
```

Slika 9 - Bootstrap dugme Back to Top


```
.btn-pink {  
  background-color: #e83e8c;  
  color: white;  
}  
  
.btn-pink:hover {  
  background-color: #d63384;  
  color: white;  
}  
  
.btn-link {  
  text-decoration: none;  
  color: #e83e8c;  
}  
  
.btn-link:hover {  
  color: #c2185b;  
  text-decoration: none;  
}  
  
.btn-back {  
  background-color: #fc94c4;  
  color: white;  
  position: fixed;  
  bottom: 40px;  
  right: 10px;  
  color: white;  
}  
  
.btn-back:hover {  
  background-color: #d63384;  
  color: white;  
}
```

Slika 10 - Bootstrap dugmad css

- Galerijski prikaz koji se sastoji od jednakih zona sa umanjenom slikom i hover stanjem realizovan je na stranici New.html



Slika 11 - Galerijski prikaz

```

<div class="sekcija">
  <h2><b>Mood Gallery</b></h2>
</div>

<div class="container">
  <div class="row mini-galerija mt-4 mb-5">
    <!-- Prvi red -->
    <div class="col-6 col-md-3 mb-4">
      <div class="img-box">
        <a target="_blank" href="/slike/New/mood2.jpg"></a>
        <div class="hover-text">Blush Elegance</div>
      </div>
    </div>
    <div class="col-6 col-md-3 mb-4">
      <div class="img-box">
        <a target="_blank" href="/slike/New/mood3.jpg"></a>
        <div class="hover-text">Soft Power</div>
      </div>
    </div>
    <div class="col-6 col-md-3 mb-4">
      <div class="img-box">
        <a target="_blank" href="/slike/New/mood12.jpg"></a>
        <div class="hover-text">Modern Grace</div>
      </div>
    </div>
    <div class="col-6 col-md-3 mb-4">
      <div class="img-box">
        <a target="_blank" href="/slike/New/mood4.jpg"></a>
        <div class="hover-text">Bold Silhouette</div>
      </div>
    </div>
  </div>
</div>

```

Slika 12 - Galerijski prikaz html

```

.mini-galerija img {
  width: 100%;
  height: 450px;
  object-fit: cover;
  display: block;
  transition: transform 0.3s ease;
}

.img-box {
  position: relative;
  overflow: hidden;
  width: 100%;
  height: 100%;
  cursor: pointer;
}

.img-box img {
  width: 100%;
  height: 100%;
  object-fit: cover;
  display: block;
  transition: transform 0.3s ease-in-out;
  backface-visibility: hidden;
}

.hover-text {
  position: absolute;
  bottom: 0;
  left: 0;
  width: 100%;
  background: rgba(255,255,255,1);
  color: #ff69b4;
  font-family: "Raleway";
  padding: 5px;
  text-align: center;
  opacity: 0;
  transition: opacity 0.3s ease;
}

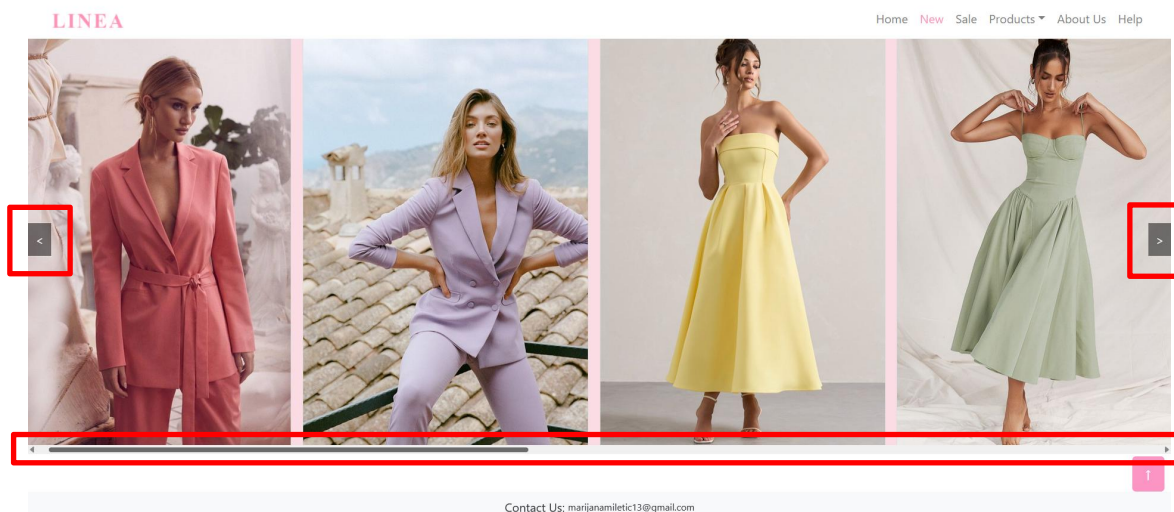
.img-box:hover img {
  transform: scale(1.05);
}

.img-box:hover .hover-text {
  opacity: 1;
}

```

Slika 13 - Galerijski prikaz css

- Na stranici *New.html* realizovana je upotreba *javascript-a* za kreiranje skrolovanja slika pomoću strelica



Slika 14 - JavaScript element

```
<div class="card-carousel-container">
  <button class="carousel-nav carousel-prev">&lt;</button>

  <div class="card-carousel-track" id="cardCarousel">
    <div class="card">
      <a target="_blank" href="/slike/New/pastel1.jpg"></a>
    </div>
    <div class="card">
      <a target="_blank" href="/slike/New/pastel3.jpg"></a>
    </div>
    <div class="card">
      <a target="_blank" href="/slike/New/pastel2.jpg"></a>
    </div>
    <div class="card">
      <a target="_blank" href="/slike/New/pastel4.jpg"></a>
    </div>
    <div class="card">
      <a target="_blank" href="/slike/New/pastel5.jpg"></a>
    </div>
    <div class="card">
      <a target="_blank" href="/slike/New/pastel6.jpg"></a>
    </div>
    <div class="card">
      <a target="_blank" href="/slike/New/pastel7.jpg"></a>
    </div>
    <div class="card">
      <a target="_blank" href="/slike/New/pastel8.jpg"></a>
    </div>
  </div>

  <button class="carousel-nav carousel-next">&gt;</button>
</div>
```

Slika 15 - JavaScript element html

```
const track = document.getElementById('cardCarousel');
const prevBtn = document.querySelector('.carousel-prev');
const nextBtn = document.querySelector('.carousel-next');

function scrollOneCard(direction) {
  const card = track.querySelector('.card');
  const cardWidth = card.offsetWidth + 15; // 15px margin

  track.scrollBy({
    left: direction === 'next' ? cardWidth : -cardWidth,
    behavior: 'smooth'
  });
}

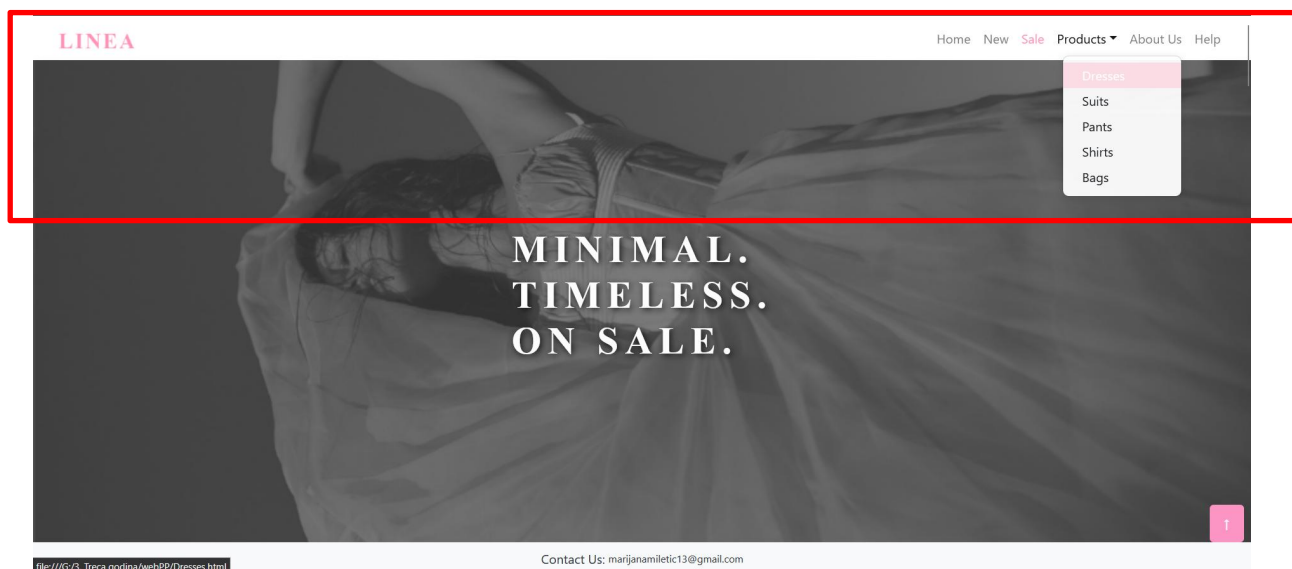
prevBtn.addEventListener('click', () => scrollOneCard('prev'));
nextBtn.addEventListener('click', () => scrollOneCard('next'));
```

Slika 16 - JavaScript element js


```
.fullwidth-carousel {  
  position: relative;  
  width: 100vw;  
  left: 50%;  
  right: 50%;  
  margin-left: -50vw;  
  margin-right: -50vw;  
  max-width: 100vw;  
  overflow: hidden;  
}  
.fullwidth-carousel .carousel-inner img {  
  width: 100%;  
  height: auto;  
  object-fit: cover;  
  max-height: 100vh;  
}  
.card-carousel-container {  
  position: relative;  
  overflow: hidden;  
}  
.card-carousel-track {  
  display: flex;  
  overflow-x: auto;  
  scroll-behavior: smooth;  
  scroll-snap-type: x mandatory;  
}  
.card-carousel-track::-webkit-scrollbar {  
  display: none;  
}  
.card-carousel-track .card {  
  flex: 0 0 25%;  
  margin-right: 15px;  
  scroll-snap-align: start;  
}  
.carousel-nav {  
  position: absolute;  
  top: 50%;  
  transform: translateY(-50%);  
  z-index: 10;  
  background-color: rgba(0,0,0,0.5);  
  border: none;  
  color: white;  
  padding: 10px;  
  cursor: pointer;  
}  
.carousel-prev {  
  left: 0;  
}  
.carousel-next {  
  right: 0;  
}
```

Slika 17 - JavaScript element css

- Svaka stranica ima funkcionalnu navigaciju koja vodi na stranice i koja je fiksirana uz gornju ivicu stranice. Linkovi na navigaciji imaju hover stanje. U sklopu navigacije nalazi se i logo koji vodi na početnu stranicu (HOME)



Slika 18 - Navigacija

```

<!-- Nav Bar -->
<nav class="navbar navbar-expand-sm navbar-light bg-white fixed-top">
  <div class="container-fluid">

    <a class="navbar-brand" href="HOME.html"></a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#Test">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="Test">
      <ul class="navbar-nav ml-auto">
        <li class="nav-item">
          <a class="nav-link" href="Home.html">Home </a>
        </li>

        <li class="nav-item">
          <a class="nav-link" href="New.html">New </a>
        </li>
        <li class="nav-item">
          <a class="nav-link Aktivan" href="#">Sale</a>
        </li>

        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" id="productsDropdown" role="button" data-toggle="dropdown">Products</a>
          <div class="dropdown-menu">
            <a class="dropdown-item" href="Dresses.html">Dresses</a>
            <a class="dropdown-item" href="Suits.html">Suits</a>
            <a class="dropdown-item" href="Pants.html">Pants</a>
            <a class="dropdown-item" href="Shirts.html">Shirts</a>
            <a class="dropdown-item" href="Bags.html">Bags</a>
          </div>
        </li>

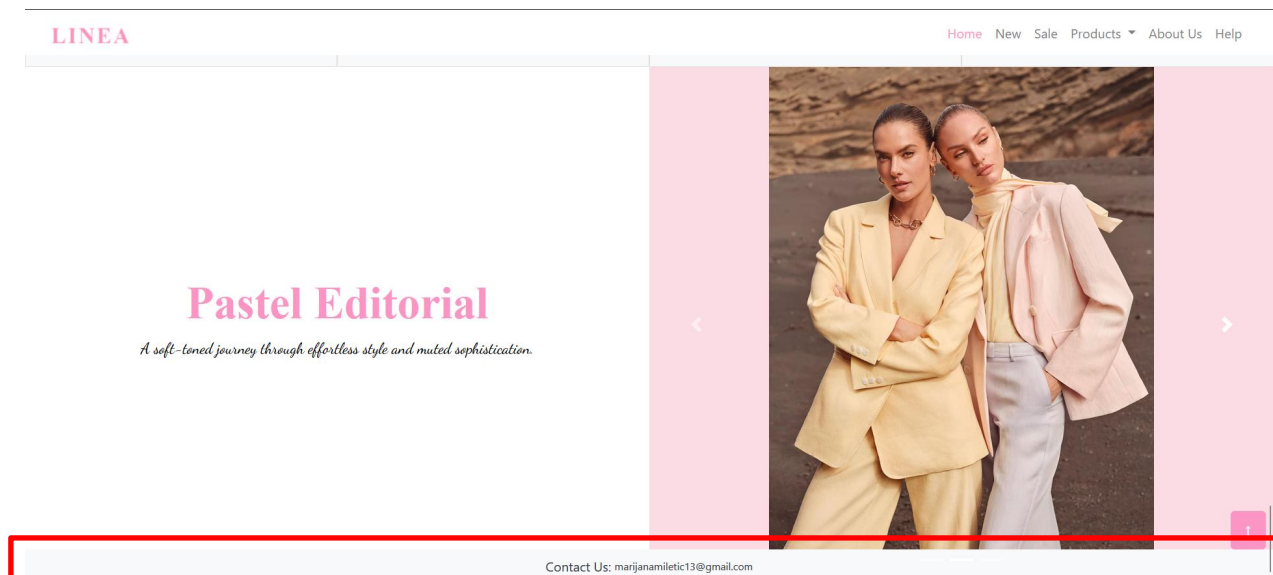
        <li class="nav-item">
          <a class="nav-link" href="ABOUT US.html">About Us</a>
        </li>

        <li class="nav-item">
          <a class="nav-link" href="Help.html">Help</a>
        </li>
      </ul>
    </div>
  </div>
</nav>

```

Slika 19 - Navigacija html

- Svaka strana ima fiksirano podnožje sa e-mail adresom

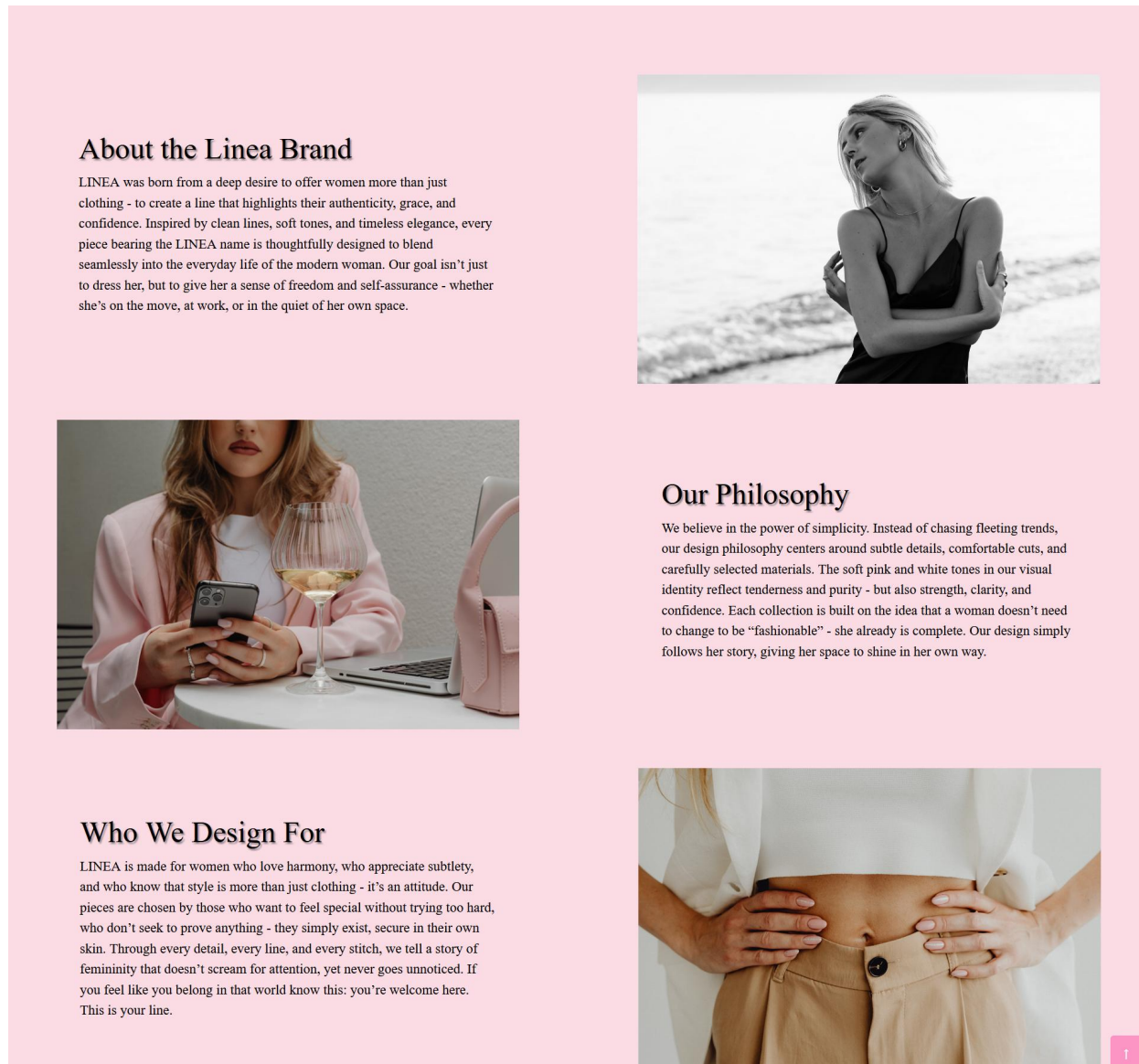


Slika 20 - Podnožje

```
<footer class="bg-light py-2 mt-5" style=" width: 100%; position: fixed; bottom: 0; z-index: 1;">
  <div class="container text-dark d-flex justify-content-center align-items-center">
    <p class="mb-0 me-3">Contact Us:&nbsp;</p>
    <small class="mb-0"><a href="mailto:marijanamiletic13@gmail.com" class="text-dark">marijanamiletic13@gmail.com</a></small>
  </div>
</footer>
```

Slika 21 - Podnožje html

- Na stranici ABOUT US nalaze se tri paragrafa sa obojenim i izmjenjenim tekstom u odnosu na predefinisani



Slika 22 - Tri paragrafa

```

<div class="row d-flex justify-content-around" style="margin-bottom:30px; margin-top: 110vh;">
  <div class="col-md-5 d-flex align-items-center">
    <div class="tekst d-flex flex-column" style="padding: 5%;">
      <h2>About the LINEA brand</h2>
      <p>LINEA was born from a deep desire to offer women more than just clothing - to create a line that highlights their authenticity, grace, and confidence. Inspired by clean lines, soft tones, and timeless elegance, every piece bearing the LINEA name is thoughtfully designed to blend seamlessly into the everyday life of the modern woman. Our goal isn't just to dress her, but to give her a sense of freedom and self-assurance - whether she's on the move, at work, or in the quiet of her own space.</p>
    </div>
  </div>
  <div class="col-md-5">
    <a target="_blank" href="/slike/About Us/aboutUs1.jpg"></a>
  </div>
</div>

<hr class="my-4" style="border-top: 2px solid white;">
<div class="row d-flex justify-content-around" style="margin-bottom: 30px;">
  <div class="col-md-5">
    <a target="_blank" href="/slike/About Us/aboutUs2.jpg"></a>
  </div>
  <div class="col-md-5 d-flex align-items-center">
    <div class="tekst d-flex flex-column" style="padding: 5%;">
      <h2>Our Philosophy</h2>
      <p>We believe in the power of simplicity. Instead of chasing fleeting trends, our design philosophy centers around subtle details, comfortable cuts, and carefully selected materials. The soft pink and white tones in our visual identity reflect tenderness and purity - but also strength, clarity, and confidence. Each collection is built on the idea that a woman doesn't need to change to be "fashionable" - she already is complete. Our design simply follows her story, giving her space to shine in her own way.</p>
    </div>
  </div>
</div>

<hr class="my-4" style="border-top: 2px solid white;">
<div class="row d-flex justify-content-around" style="margin-bottom:30px;">
  <div class="col-md-5 d-flex align-items-center">
    <div class="tekst d-flex flex-column" style="padding: 5%;">
      <h2>Who We Design For</h2>
      <p>LINEA is made for women who love harmony, who appreciate subtlety, and who know that style is more than just clothing - it's an attitude. Our pieces are chosen by those who want to feel special without trying too hard, who don't seek to prove anything - they simply exist, secure in their own skin. Through every detail, every line, and every stitch, we tell a story of femininity that doesn't scream for attention, yet never goes unnoticed. If you feel like you belong in that world, know this: you're welcome here. This is your line.</p>
    </div>
  </div>
  <div class="col-md-5">
    <a target="_blank" href="/slike/About Us/aboutUs3.jpg"></a>
  </div>
</div>

```

Slika 23 - Tri paragrafa html

```

.tekst{
  font-family: "Raleway";
}
.tekst h2{
  text-shadow: 2px 2px 2px rgba(0, 0, 0, 0.4);
  color:black;
  font-size: 2.5rem;
}
.tekst p{
  color:black;
  font-size: 1.15rem;
}

```

Slika 24 - Obojen i izmjenjen tekst css

4. Razmatrana unapređenja

Moguća unapređenja odnose se na proširenje funkcionalnosti i modernizaciju izgleda. Kako bi sajt bio funkcionalniji, moguće je integrisanje online prodavnice sa korpom i mogućnošću online plaćanja. Takođe, proširila bih funkcionalnost sa više JavaScript elemenata, čime bi se omogućile dodatne interaktivne opcije za korisnike. Pored toga, dodala bih animacije i tranzicije kako bi dizajn bio još moderniji i vizuelno privlačniji, što bi unaprijedilo cjelokupni dojam i iskustvo korišćenja sajta.