



Міністерство освіти і науки України
Національний технічний університет України
“Київський політехнічний інститут імені Ігоря Сікорського”
Факультет інформатики та обчислювальної техніки
Кафедра інформатики та програмної інженерії

Лабораторна робота №8
з дисципліни «Основи Front-end технологій»
Варіант №12

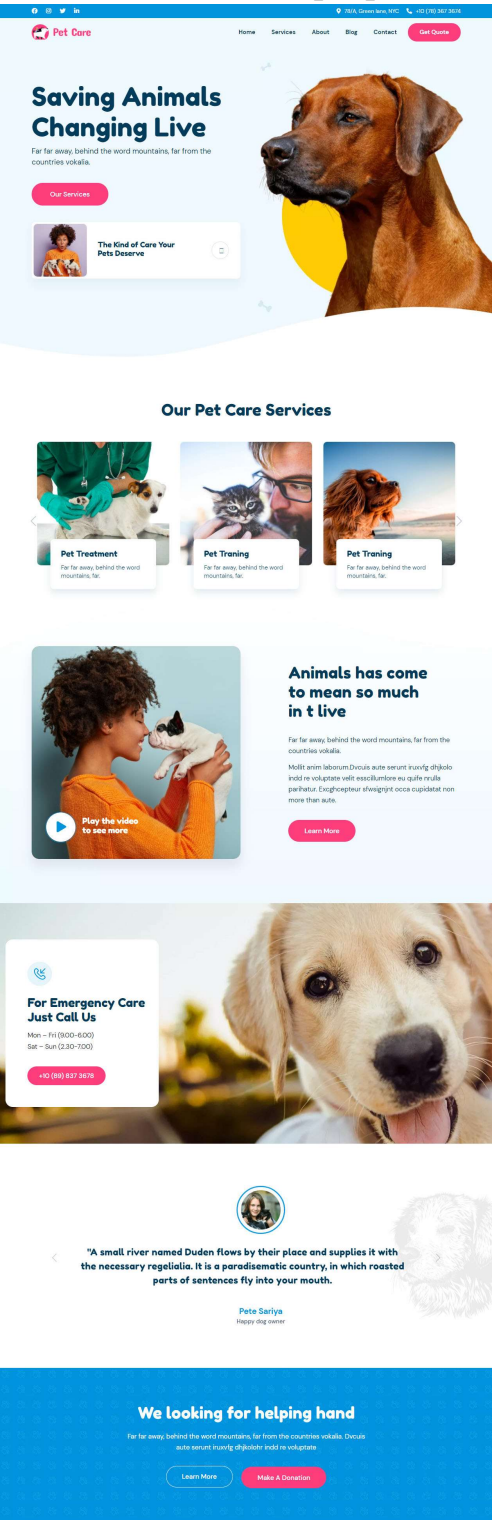
Виконала:
студентка групи ІА-23
Проценко. В. І.

Перевірив:
Жереб К. А.

Київ 2024

Тема: Верстка сайту за допомогою HTML-5 і CSS-3 за зразком

Завдання 1: Зробити верстку сайту відповідно за своїм варіантом. (Зберегти дизайн сайту, текст та малюнки можуть відрізнятися від оригіналу). Зробити адаптивний дизайн розробленого сайту.



Хід роботи

1. Написано код мовою HTML, що містить все необхідне для виконання завдання лабораторної роботи.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Проценко В.І. ІА-23</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <header>
    <div class="contact-info">
      <div class="socials">
        
        
        
        
      </div>
      <div class="contacts">
        <div class="contact">
          
          <p>78/A, Green lane, NYC</p>
        </div>
        <div class="contact">
          
          <p>+10 (78) 367 3674</p>
        </div>
      </div>
    </div>
    <div class="header">
      <div class="logo">
        
        <p>Pet Care</p>
      </div>
      <nav class="navbar">
        <a>Home</a>
        <a>Services</a>
        <a>About</a>
        <a>Blog</a>
        <a>Contact</a>
        <button>Get Quote</button>
      </nav>
    </div>
  </header>
  <section>
    <div class="slogan-container">
      <div class="left-column">
        <div class="slogan-section">
          <h1>Saving Animals Changing Live</h1>
          <p>Far far away, behind the word mountains, far from the countries vokalia</p>
        </div>
        <button class="services-btn">Out Services</button>
      </div>
      <div class="variant-section">
        
        <p>The Kind of Care Your Pets Deserve</p>
      </div>
    </div>
  </section>
</body>
</html>
```

```

</div>
<div class="right-column">
  
</div>

</div>
<div class="content-container">
  <div class="pet-care-row">
    <h2>Our Pet Care Services</h2>
    <div class="carousel-section">
      <div class="carousel-item">
        
        <div class="carousel-item-description">
          <h4>Pet Treatment</h4>
          <p>Far far away, behind the word mountains, far from the countries</p>
        </div>
      </div>
      <div class="carousel-item">
        
        <div class="carousel-item-description">
          <h4>Pet Training</h4>
          <p>Far far away, behind the word mountains, far from the countries</p>
        </div>
      </div>
      <div class="carousel-item">
        
        <div class="carousel-item-description">
          <h4>Pet Training</h4>
          <p>Far far away, behind the word mountains, far from the countries</p>
        </div>
      </div>
    </div>
  </div>
  <div class="pet-meaning-row">
    <div class="pet-meaning-left-column">
      
      <div class="pet-meaning-description">
        
        <p>Play the video to see more</p>
      </div>
    </div>
    <div class="pet-meaning-right-column">
      <h2>Animals has to come to mean so much in the live</h2>
      <p>Far far away, behind the word mountains, far from the countries vokalia</p>
      <p>Far far away, behind the word mountains, far from the countries vokalia. Far far away, behind the word mountains, far from the countries vokalia</p>
      <button>Learn More</button>
    </div>
  </div>
</div>
<div class="pet-emergency-row">
  
  <div class="pet-emergency-description">
    
    <h2>For Emergency Care Just Call Us</h2>
    <div>
      <p>Mon-Fri (9:00-15:00)</p>
      <p>Sat-Sun (2:30-7:00)</p>
    </div>
    <button class="phone-btn">+10 (78) 367 3674</button>
  </div>
</div>
<div class="quote-row">

```

```

<div class="quote-section">
  
  <p class="quote">"Far far away, behind the word mountains, far from the countries vokalia. Far far away, behind the word mountains, far from
the countries vokalia"</p>
  <div class="owner">
    <p class="owner-name">Pete Sariya</p>
    <p class="owner-clarification">Happy dog owner</p>
  </div>
</div>
</div>
</section>
<footer>
  <div class="footer-row">
    
    <div class="footer-section">
      <h2>We're looking for helping hand</h2>
      <p>Far far away, behind the word mountains, far from the countries vokalia. Far far away, behind the word mountains, far from the countries
vokalia</p>
      <div class="buttons">
        <button class="invisible-btn">Learn More</button>
        <button>Make A Donation</button>
      </div>
    </div>
  </div>
</div>
</body>
</html>
```

2. CSS до завдання лабораторної роботи.

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  background: white;
}

.contact-info {
  display: flex;
  flex-direction: row;
  justify-content: space-between;
  background: cornflowerblue;
  padding: 8px 40px;
}

.socials {
  display: flex;
  gap: 20px;
}

.socials img{
  height: 16px;
  width: auto;
}

.contacts {
  display: flex;
  align-items: center;
  gap: calc(14px + 1.75vw);
}

.contact {
  display: flex;
  align-items: center;
}

.contact img {
  height: calc(10px + 0.25vw);
  width: auto;
}

.contact p {
  margin: 0 0 0 0.5vw;
  font-size: small;
  color: white;
}

.header {
  display: flex;
  flex-direction: row;
  justify-content: space-between;
  align-items: center;
  background: #eef6fd;
  padding: 2px 40px;
}

.logo {
  display: flex;
  align-items: center;
}
```

```
.logo img {  
  margin-top: 4px;  
  height: calc(50px + 0.25vw);  
  width: auto;  
  border-radius: 100%;  
}
```

```
.logo p {  
  padding: 0 0 0 0.5vw;  
  font-size: large;  
  font-weight: 900;  
  color: #e15873;  
}
```

```
.navbar {  
  display: flex;  
  align-items: center;  
  gap: calc(9px + 1.75vw);  
}
```

```
.navbar a {  
  font-size: calc(8px + 0.65vw);  
  font-weight: 300;  
}
```

```
button {  
  border: none;  
  border-radius: 30px;  
  color: white;  
  background: #e15873;  
  padding: 8px 25px;  
  font-size: calc(4px + 1vw);  
  cursor: pointer;  
}
```

```
.slogan-container {  
  position: relative;  
  overflow: hidden;  
  display: flex;  
  flex-direction: row;  
  align-items: flex-start;  
  background: #eef6fd;  
  padding: 20px 0 0 40px;  
}
```

```
h1 {  
  margin: 0;  
  font-size: calc(2px + 4vw);  
  font-weight: 900;  
  color: #333;  
}
```

```
.left-column {  
  display: flex;  
  flex-direction: column;  
  align-items: start;  
  gap: calc(1px + 3vw);  
  width: 40%;  
  padding-right: 10px;  
}
```

```
.slogan-section {  
  display: flex;
```

```
    flex-direction: column;
    align-items: start;
}

.slogan-section p {
    margin: 12px 0;
    font-size: calc(1px + 1.4vw);
}

.variant-section {
    display: flex;
    flex-direction: row;
    align-items: center;
    justify-content: left;
    padding: 3px;
    width: 100%;
    height: auto;
    background: white;
    border-radius: 5px;
}

.variant-section p {
    width: 50%;
    padding-right: 25%;
    font-size: calc(1px + 1.25vw);
    font-weight: bold;
}

.woman-with-dogs-img {
    width: 25%;
    height: auto;
    border-radius: 7px;
    margin-right: 20px;
}

.right-column {
    display: flex;
    flex-direction: column;
    align-items: end;
    gap: 20px;
    width: 60%;
}

.wave {
    position: absolute;
    width: 107%;
    bottom: -4px;
    left: -20px;
}

.dog {
    width: 100%;
    height: auto;
    padding-bottom: 2px;
}

.content-container {
    display: flex;
    flex-direction: column;
    gap: calc(10px + 1vw);
    margin: 40px;
    text-align: center;
}
```



```
.pet-care-row {  
  padding-bottom: 12%;  
}
```

```
h2 {  
  font-size: calc(1px + 3vw);  
  color: #333;  
  margin: 0;  
  font-weight: bold;  
}
```

```
.carousel-section {  
  display: flex;  
  gap: 1rem;  
  justify-content: center;  
  margin-top: 20px;  
}
```

```
.carousel-item {  
  position: relative;  
  width: 33%;  
  border-radius: 8px;  
  overflow: visible;  
  text-align: left;  
}
```

```
.carousel-item img {  
  width: 100%;  
  height: 250px;  
  border-radius: 8px;  
  object-fit: cover;  
}
```

```
.carousel-item-description {  
  position: absolute;  
  top: 80%;  
  right: 20px;  
  left: 20px;  
  background-color: white;  
  padding: 1rem;  
  box-shadow: 0 4px 6px rgba(0, 0, 0, 0.2);  
  border-radius: 8px;  
  overflow: visible;  
}
```

```
h4 {  
  font-size: calc(2px + 2vw);  
  font-weight: bold;  
  color: #333;  
  margin: 0;  
}
```

```
.carousel-item-description p {  
  font-size: calc(3px + 1vw);  
  color: #555;  
  margin: 1rem 0 0 0;  
}
```

```
.pet-meaning-row {  
  display: flex;  
  align-items: center;  
}
```

```
.pet-meaning-left-column {  
  position: relative;  
  width: 50%;  
  overflow: hidden;  
}
```

```
.pet-meaning-img {  
  width: 100%;  
  border-radius: 8px;  
}
```

```
.play-img {  
  width: 20%;  
  height: auto;  
  border-radius: 100%;  
  margin-right: 10px;  
}
```

```
.pet-meaning-description {  
  display: flex;  
  position: absolute;  
  top: 86%;  
  left: 33px;  
  overflow: visible;  
  padding-right: 58%;  
  align-items: center;  
}
```

```
.pet-meaning-description p {  
  font-size: calc(3px + 1vw);  
  color: white;  
  padding: 0;  
  margin: 0;  
  font-weight: bold;  
  text-align: left;  
}
```

```
.pet-meaning-right-column {  
  display: flex;  
  flex-direction: column;  
  align-items: start;  
  text-align: left;  
  gap: calc(0.5px + 3vw);  
  width: 50%;  
  padding-left: 30px;  
}
```

```
.pet-meaning-right-column p {  
  font-size: calc(4px + 1vw);  
  color: #555;  
  margin: 0;  
}
```

```
.pet-emergency-row {  
  margin: 0;  
  position: relative;  
}
```

```
.pet-emergency-img {  
  height: calc(150px + 30vw);  
  width: 100%;  
}
```

```
.pet-emergency-description {  
  display: flex;  
  flex-direction: column;  
  position: absolute;  
  width: 30%;  
  top: 50px;  
  bottom: 50px;  
  left: 10px;  
  border-radius: 8px;  
  overflow: visible;  
  align-items: start;  
  justify-content: center;  
  background: white;  
  padding: 30px 15px 30px 25px;  
  gap: 1rem;  
}
```

```
.phone-img {  
  width: 20px;  
}
```

```
.quote {  
  font-size: calc(4px + 1.5vw);  
  color: #555;  
  padding: 0;  
  margin: 5px 0;  
  font-weight: bold;  
}
```

```
.owner p {  
  margin: 0;  
}
```

```
.owner-name {  
  font-size: calc(2px + 1.5vw);  
  color: #31bfe3;  
  font-weight: bold;  
}
```

```
.owner-clarification {  
  font-size: calc(1px + 1.5vw);  
  color: #7a7a7a;  
}
```

```
.quote-row {  
  position: relative;  
  margin: 0;  
  height: calc(300px + 4vw);  
  display: flex;  
  justify-content: center;  
}
```

```
.quote-background {  
  position: absolute;  
  height: 100%;  
  width: 100%;  
  opacity: 0.25;  
}
```

```
.quote-section {  
  display: flex;  
  flex-direction: column;
```

```
    position: relative;
    align-items: center;
    justify-content: center;
    gap: 1rem;
    padding: 20px 80px;
    text-align: center;
}
```

```
.owner-img {
    width: calc(20px + 4vw);
    height: calc(20px + 4vw);
    border-radius: 100%;
    padding: 3px;
    border: #31bfe3 solid 1px;
}
```

```
.pet-emergency-description p {
    font-size: calc(3px + 1vw);
    color: #555;
    padding: 0;
    margin: 5px 0;
    font-weight: bold;
    text-align: left;
}
```

```
.footer-background {
    position: absolute;
    height: 100%;
    width: 100%;
}
```

```
.footer-row {
    position: relative;
    margin: 0;
    height: calc(300px + 4vw);
    display: flex;
    justify-content: center;
}
```

```
.footer-background {
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    object-fit: cover;
}
```

```
.footer-section {
    display: flex;
    flex-direction: column;
    position: relative;
    align-items: center;
    justify-content: center;
    gap: 1rem;
    padding: 20px 60px;
    text-align: center;
}
```

```
.footer-section h2 {
    font-size: calc(1px + 3vw);
    color: white;
}
```

```
.footer-section p {
  font-size: calc(2px + 1.5vw);
  color: white;
}

.buttons {
  display: flex;
  gap: 1rem;
  justify-content: center;
}

.invisible-btn {
  background: transparent;
  border: 1px solid white;
  cursor: pointer;
  color: white;
  border-radius: 30px;
  padding: 8px 25px;
  font-size: calc(4px + 1vw);
}

@media only screen and (max-width:800px) {
  h1 {
    font-size: calc(2.2px + 3.9vw);
  }

  .contact-info {
    padding: 6px 20px;
  }

  .contacts {
    gap: calc(10px + 1.75vw);
  }

  .header {
    padding: 2px 20px;
  }

  .logo img {
    height: calc(40px + 0.25vw);
  }

  .logo p {
    font-size: small;
  }

  .navbar {
    gap: calc(4px + 1.75vw);
  }

  .slogan-container {
    padding: 20px 0 0 20px;
  }

  .woman-with-dogs-img {
    width: 30%;
    margin-right: 10px;
  }

  .variant-section p {
    padding-right: 20%;
  }
}
```

```

.content-container {
  margin: 20px;
}

.carousel-section {
  flex-direction: column;
  gap: 3rem;
  align-items: center;
}

.carousel-item {
  width: 80%;
}

.carousel-item img {
  width: 100%;
  height: 300px;
}

.carousel-item-description {
  top: 82%;
}

.carousel-item-description p {
  margin: 0.5rem 0 0 0;
}

.pet-meaning-description {
  top: 84%;
  left: 23px;
  padding-right: 50%;
}

.pet-meaning-description p {
  font-size: calc(1px + 1.08vw);
}

.quote-row {
  height: calc(250px + 4vw);
}

.footer-row {
  height: calc(250px + 4vw);
}
}

@media only screen and (max-width:500px) {
  h1 {
    font-size: calc(0.7px + 4vw);
  }

  .socials {
    gap: 10px;
  }

  .contact img {
    height: 10px;
  }

  .socials img {
    height: 11px;
  }
}

```

```
.contact p {
  font-size: x-small;
}

.logo img {
  height: calc(30px + 0.25vw);
}

.logo p {
  padding: 0 0 0 1px;
  font-size: calc(0.7px + 2vw);
}

.header button {
  padding: 6px 15px;
  font-size: 8px;
}

.navbar a {
  font-size: 8px;
}

.left-column {
  gap: calc(3px + 2vw);}

.slogan-section p {
  margin: 8px 0;
}

.carousel-item img {
  width: 100%;
  height: 200px;
}

.pet-meaning-description {
  top: 80%;
  left: 15px;
  padding-right: 45%;
}

.pet-meaning-description p {
  font-size: calc(1px + 1.08vw);
}

.pet-meaning-right-column {
  padding-left: 20px;
}

.pet-emergency-img {
  height: calc(200px + 10vw);
}

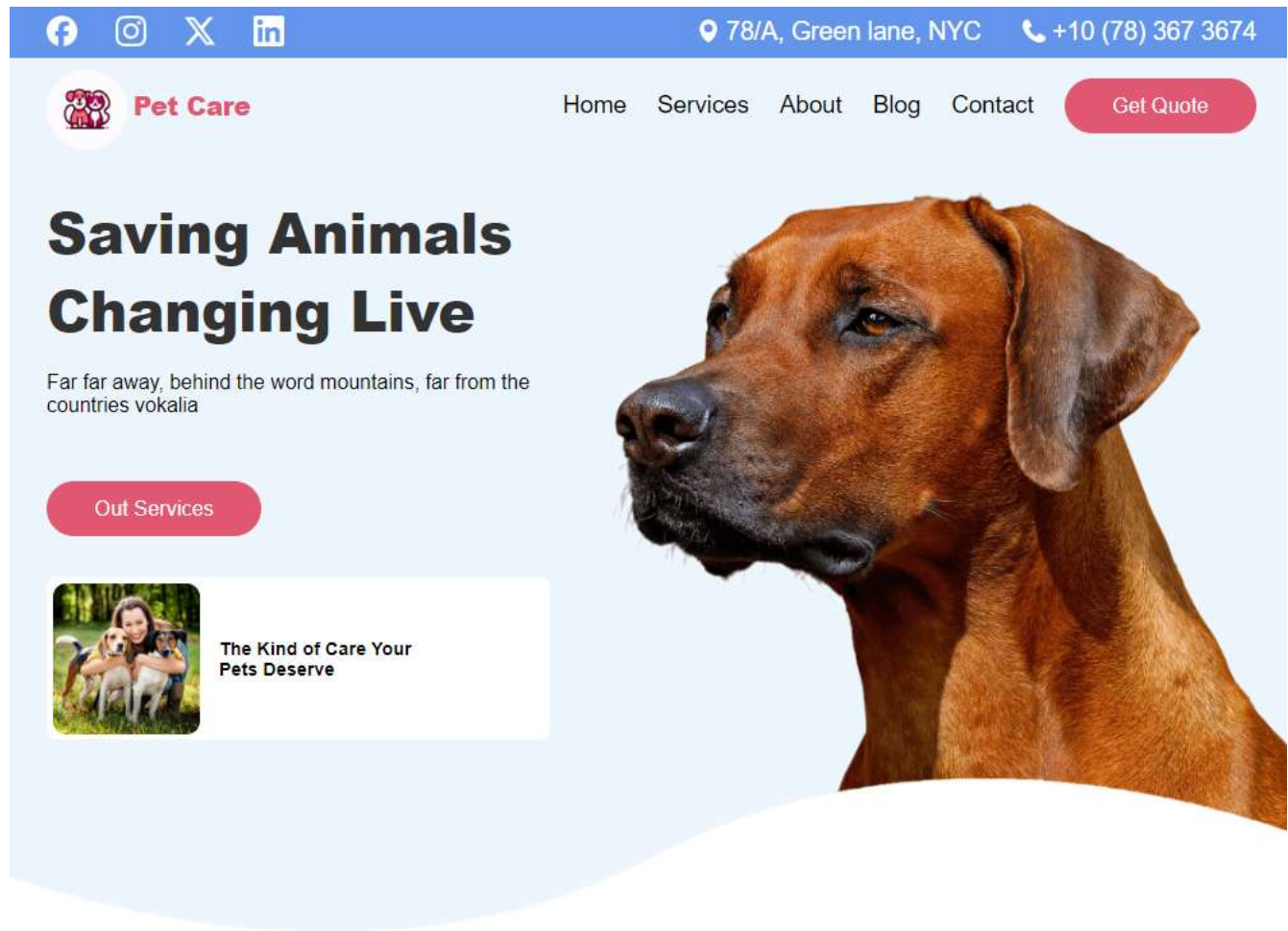
.pet-emergency-description {
  top: 25px;
  bottom: 25px;
  gap: 0.5rem
}

.phone-img {
  width: 15px;
}
```

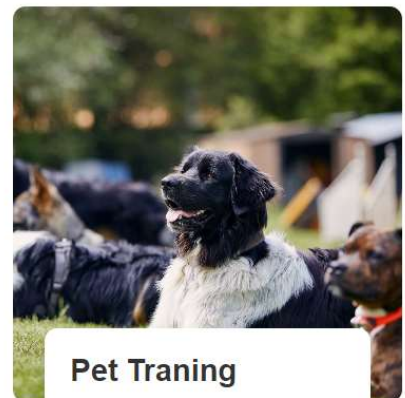
```
.phone-btn {  
  font-size: 6px;  
}  
  
.quote-row {  
  height: calc(200px + 4vw);  
}  
  
.footer-row {  
  height: calc(200px + 4vw);  
}  
}
```

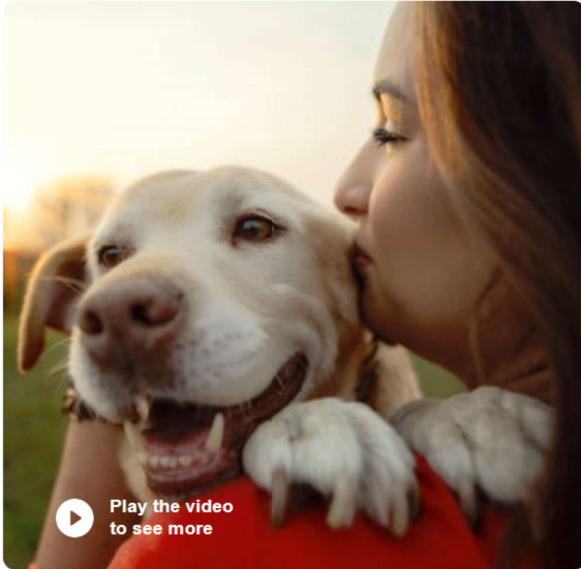

3. Результат у веб браузері.


Великі екрани:



Our Pet Care Services





 **Play the video**
to see more

Animals has to come to mean so much in the live

Far far away, behind the word mountains, far from the countries vokalia

Far far away, behind the word mountains, far from the countries vokalia. Far far away, behind the word mountains, far from the countries vokalia

[Learn More](#)



For Emergency Care Just Call Us

Mon-Fri (9:00-15:00)

Sat-Sun (2:30-7:00)

[+10 \(78\) 367 3674](tel:+10783673674)



"Far far away, behind the word mountains, far from the countries vokalia. Far far away, behind the word mountains, far from the countries vokalia"

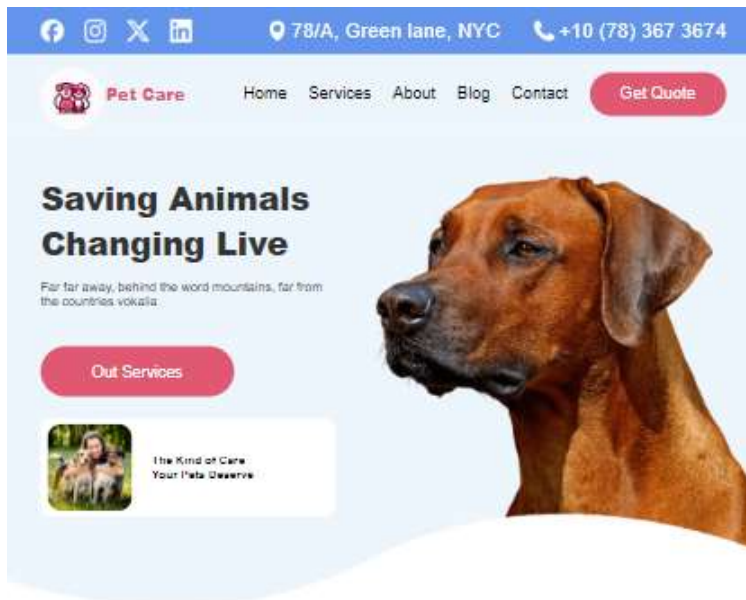
Pete Sariya
Happy dog owner

We're looking for helping hand

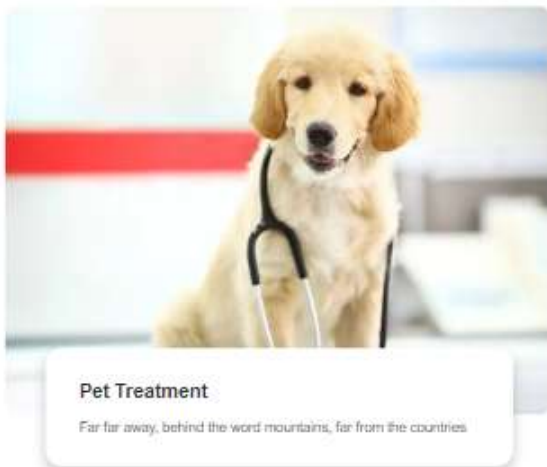
Far far away, behind the word mountains, far from the countries vokalia. Far far away, behind the word mountains, far from the countries vokalia

[Learn More](#)[Make A Donation](#)

Малі екрани:



Our Pet Care Services





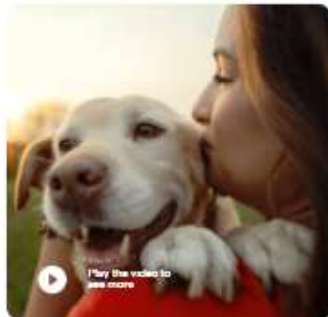
Pet Training

Far far away, behind the word mountains, far from the countries



Pet Training

Far far away, behind the word mountains, far from the countries

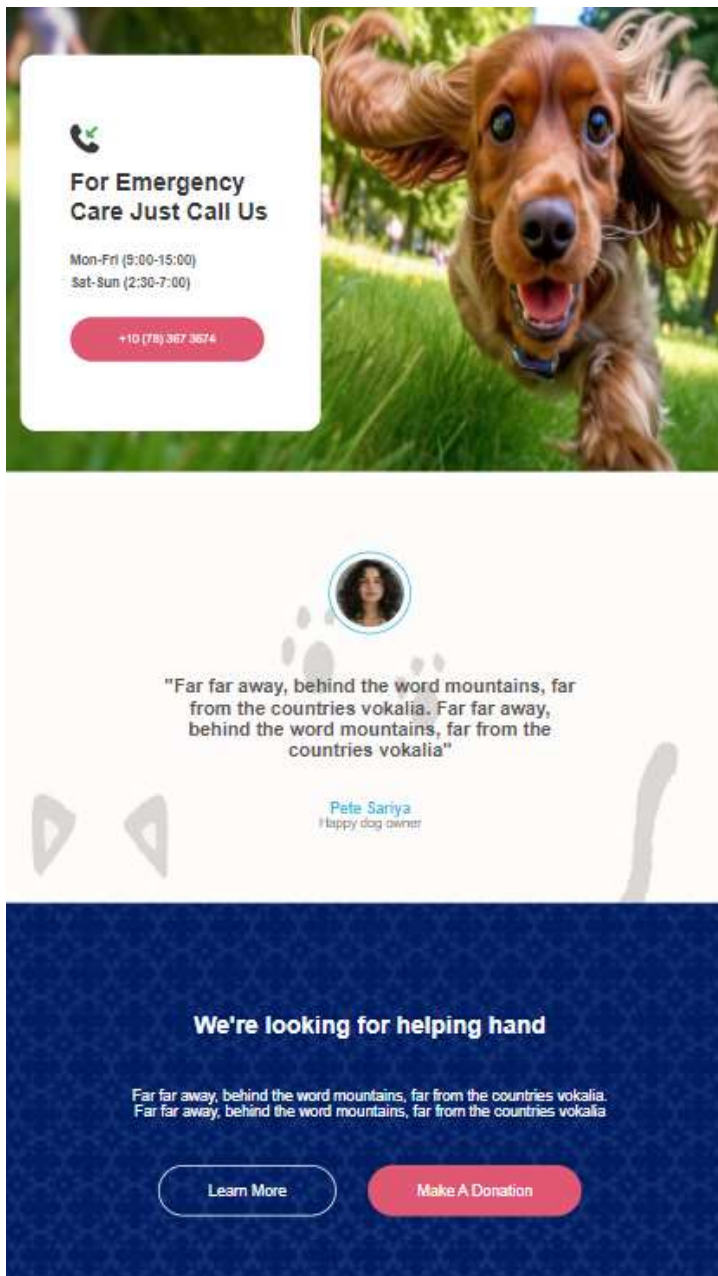


Animals has to come to mean so much in the live

Far far away, behind the word mountains, far from the countries vokalia

Far far away, behind the word mountains, far from the countries vokalia. Far far away, behind the word mountains, far from the countries vokalia

[Learn More](#)



4. Посилання на github:

<https://github.com/protsenkoveronika/frontend-basics/tree/main/lab8>

5. Посилання на сайт:

<https://protsenkoveronika.github.io/frontend-basics/lab8/>

Висновок: У ході даної лабораторної роботи було створено верстку сайту за наданим макетом за використання html та css. Код проекту завантажено до GitHub і розміщено на хостингу.