

# WEB APPLICATION DEVELOPMENT LAB

## TASK LAB-DAY 2

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### Welcome to the Cat Showcase

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#### Why Cats are Amazing

Cats have been domesticated for thousands of years and have evolved to become one of the most popular pets worldwide. They are known for their independence, playfulness, and mysterious nature.

#### Cute Cat Images



#### Fun Cat Facts

- Cats sleep for 70% of their lives.
- A group of cats is called a "clowder".
- Cats have 32 muscles in each ear.
- There are over 70 million pet cats in the United States alone!

#### Popular Cat Breeds

##### Siamese

The Siamese cat is one of the oldest and best-known Asian cat breeds. They're famous for their striking blue eyes and vocal nature.

##### Persian

The Persian cat is known for its long, luxurious coat and sweet personality. They're often calm and enjoy lounging around.

##### Maine Coon

The Maine Coon is one of the largest domesticated cat breeds. They are friendly, intelligent, and often described as "dog-like" due to their playful and loyal behavior.

# HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Cat Showcase</title>
  <link rel="stylesheet" href="task2.css">
</head>
<body>

  <header>
    <h1>Welcome to the Cat Showcase</h1>
    <nav>
      <ul>
        <li><a href="https://www.google.com/search?q=cats">Cat
Info</a></li>
        <li><a href="https://www.google.com/search?udm=2&q=cats">Cat
Images</a></li>
        <li><a
href="https://www.google.com/search?q=cats+fun+facts">Fun Facts</a></li>
        <li><a
href="https://www.google.com/search?q=cats+breeds">Popular Breeds</a></li>
      </ul>
    </nav>
  </header>

  <section id="cat-info">
    <h2>Why Cats are Amazing</h2>
    <p>Cats have been domesticated for thousands of years and have evolved
to become one of the most popular pets worldwide. They are known for their
independence, playfulness, and mysterious nature.</p>
  </section>

  <section id="cat-images">
    <h2>Cute Cat Images</h2>
    <div class="cat-images-gallery">
      <div class="cat-image">
        
      </div>
      <div class="cat-image">
        
      </div>
      <div class="cat-image">
        
      </div>
    </div>
  </section>
```

```
<section id="fun-facts">
  <h2>Fun Cat Facts</h2>
  <ul>
    <li>Cats sleep for 70% of their lives.</li>
    <li>A group of cats is called a "clowder".</li>
    <li>Cats have 32 muscles in each ear.</li>
    <li>There are over 70 million pet cats in the United States
alone!</li>
  </ul>
</section>

<section id="cat-breeds">
  <h2>Popular Cat Breeds</h2>
  <div class="breed-list">
    <div class="breed-item">
      <h3>Siamese</h3>
      <p>The Siamese cat is one of the oldest and best-known Asian
cat breeds. They're famous for their striking blue eyes and vocal nature.</p>
    </div>
    <div class="breed-item">
      <h3>Persian</h3>
      <p>The Persian cat is known for its long, luxurious coat and
sweet personality. They're often calm and enjoy lounging around.</p>
    </div>
    <div class="breed-item">
      <h3>Maine Coon</h3>
      <p>The Maine Coon is one of the largest domesticated cat
breeds. They are friendly, intelligent, and often described as "dog-like" due
to their playful and loyal behavior.</p>
    </div>
  </div>
</section>

<footer>
  <p>&copy; 2024 Cat Showcase</p>
</footer>

</body>
</html>
```

## CSS Code:

```
/* Reset basic styles */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

/* Basic layout */
body {
  font-family: 'Arial', sans-serif;
  line-height: 1.6;
  background-color: #fafafa;
  color: #333;
  padding: 20px;
  background-image: url('https://www.transparenttextures.com/patterns/purty-wood.png');
}

/* Header Section */
header {
  background-color: #4CAF50;
  color: #fff;
  padding: 20px;
  text-align: center;
}

header h1 {
  margin-bottom: 10px;
  font-size: 2.5rem;
}

nav ul {
  list-style-type: none;
  padding: 0;
}

nav ul li {
  display: inline;
  margin: 0 15px;
}

nav ul li a {
  color: #fff;
  text-decoration: none;
  font-weight: bold;
}
```

```
nav ul li a:hover {
  text-decoration: underline;
}

/* Cat Info Section */
#cat-info {
  margin-top: 30px;
  background-color: #fff;
  padding: 20px;
  border-radius: 10px;
  box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}

#cat-info h2 {
  font-size: 1.8rem;
  color: #4CAF50;
}

#cat-info p {
  font-size: 1.1rem;
}

/* Cat Images Gallery */
#cat-images {
  margin-top: 30px;
  background-color: #fff;
  padding: 20px;
  border-radius: 10px;
  box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}

.cat-images-gallery {
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  gap: 20px;
}

.cat-image img {
  width: 100%;
  border-radius: 10px;
  box-shadow: 0 4px 6px rgba(0, 0, 0, 0.2);
}

@media (max-width: 768px) {
  .cat-images-gallery {
    grid-template-columns: 1fr 1fr;
  }
}
```

```
}

@media (max-width: 480px) {
  .cat-images-gallery {
    grid-template-columns: 1fr;
  }
}

/* Fun Facts Section */
#fun-facts {
  margin-top: 30px;
  background-color: #fff;
  padding: 20px;
  border-radius: 10px;
  box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}

#fun-facts ul {
  list-style-type: disc;
  margin-left: 20px;
}

#fun-facts li {
  font-size: 1.1rem;
  margin-bottom: 10px;
}

/* Popular Cat Breeds */
#cat-breeds {
  margin-top: 30px;
  background-color: #fff;
  padding: 20px;
  border-radius: 10px;
  box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}

.breed-list {
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  gap: 20px;
}

.breed-item {
  background-color: #f9f9f9;
  padding: 15px;
  border-radius: 10px;
  box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
}
```

```
.breed-item h3 {
  color: #4CAF50;
  font-size: 1.5rem;
}

.breed-item p {
  font-size: 1.1rem;
}

@media (max-width: 768px) {
  .breed-list {
    grid-template-columns: 1fr 1fr;
  }
}

@media (max-width: 480px) {
  .breed-list {
    grid-template-columns: 1fr;
  }
}

/* Footer */
footer {
  text-align: center;
  margin-top: 30px;
  font-size: 14px;
  color: #888;
}
```