

## Assignment

### Learner Details

- **Name:** Shrayanth S
  - **Enrollment Number:** SU625MR011
  - **Batch / Class:** June 2025 MERN
  - **Assignment:** Photo Album Project
  - **Date of Submission:** 10/07/2025
- 

### Problem Solving Activity

#### 1. Program Statement

The task is to build a responsive dog-themed photo album website using only HTML and Flexbox. The main page should display 20 dog breeds as image cards in a flexible grid layout. Each image should link to a separate detail page showing an enlarged image and a description. The entire layout had to be implemented using Flexbox for structure, responsiveness, and alignment.

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#### 2. Algorithm

- Start with an index.html file for the homepage layout.
- Add the main heading, favicon, and introductory content.
- Create a Flexbox container to hold 20 dog image cards.
- Style the container with display: flex, flex-wrap: wrap, justify-content: center, and use gap for spacing.
- Each dog image links to a unique dogX.html page.
- On each dogX.html page:
  - Display a larger version of the dog image.
  - Include a descriptive paragraph about the breed.
  - Add a "Back to Menu" link pointing to index.html.
- Ensure the layout works on different screen sizes using Flexbox properties.
- Test all links and responsiveness.

```

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2  [Icons] [Search] [Icons]
3  0.html 1.html 2.html UrbanPet.html x 3.html
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1.html

```
<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>About Us</title>

<link rel="icon" href="urban dog company.jpg" />

<style>

body {

    background-color:bisque;

}

button {

    background-color:azure;

    border-radius: 120px;

    border: 3px solid black;

    letter-spacing: 2px;

    padding: 10px 30px 7px 30px;

    border-style:dotted;

}

a {

    color: black;

}

</style>

</head>

<body style="text-align: center">

<p style="text-align: center; font: 45px ROCKWELL; color: red;">🐕 About Us <br> <br>Urban Dog Company</p>

<!--  -->

<p style="

    text-align: justify;

    word-spacing: 3px;

    font-size: 25px;

    font-family: Arial, Helvetica, sans-serif;

    letter-spacing: 1.7px;

    padding: 10px 100px 10px 100px;

">
```



**Stemup**  
A Unit of Pragnova Pvt Ltd

Welcome to Urban Dog Company, your trusted companion in nurturing and celebrating the bond between people and pets. Founded in 2024, our journey began with a simple mission — to provide premium care, curated products, and heartwarming content that reflect the true essence of pet companionship. Based in the heart of the city, we understand the unique needs of urban pet parents and aim to make pet ownership joyful, stress-free, and full of wagging tails.

At Urban Dog Company, we believe pets are not just animals — they're family. Our offerings span from handpicked nutrition and grooming essentials to expert advice and pet-friendly lifestyle ideas. With a growing community of pet lovers, we're building a space where every dog, cat, or furry friend finds love, care, and respect.

<br><br><br>

Dogs Documentary:<br>

As part of our mission to raise awareness and admiration for our four-legged companions, we proudly present our exclusive dog documentary series. This heartfelt visual journey captures the life, loyalty, and legacy of dogs — from the city streets to cozy homes. Experience stories of courage, friendship, and the incredible roles dogs play in urban life. Whether you're a dog lover or just curious, this documentary is a must-watch celebration of the most loyal companions we know. </p>

<br />

<!-- <button>

<a href="UrbanPetCo.html"

>Previous<br>Dog</a>

</button> -->

<button>

<a href="UrbanPetCo.html"

>Urban Dog Company<br>

Homepage</a>

</button>

<button>

<a href="2.html"

>Dog<br>1</a>

</button>

</body>

</html>

2.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Golden Retriever</title>

<link rel="icon" href="urban dog company.jpg" />

<style>

body {

background-color:bisque;

}

button {

background-color:azure;

border-radius: 120px;

border: 3px solid black;

letter-spacing: 2px;

padding: 10px 30px 7px 30px;



Stemup  
A Unit of Pragnova Pvt Ltd

```

border-style:dotted;

}

a {

    color: black;

}

</style>

</head>

<body style="text-align: center">

<p style="text-align: center; font: 45px ROCKWELL; color: red; ">[1] Golden Retriever</p>



<p style="

    text-align: justify;

    word-spacing: 3px;

    font-size: 25px;

    font-family: Arial, Helvetica, sans-serif;

    letter-spacing: 1.7px;

    padding: 10px 100px 10px 100px;

">

    The Golden Retriever is a friendly, intelligent, and loyal dog breed that originated in 19th-century Scotland. Bred initially for retrieving game during hunting, Golden Retrievers are well-known for their gentle temperament, eagerness to please, and affectionate nature, making them one of the most popular family dogs worldwide. They are medium to large-sized dogs, weighing between 55 to 75 pounds, with a dense, water-repellent golden coat that ranges from light to dark shades. Golden Retrievers are highly energetic and require regular exercise such as walks, playtime, and swimming. <br><br>Their intelligence and trainability make them excellent working dogs, often employed as guide dogs for the blind, therapy animals, and search-and-rescue dogs. They thrive on companionship and are great with children, seniors, and other animals, rarely showing aggression. Regular grooming is necessary due to their tendency to shed, and they benefit from consistent ear cleaning, dental care, and vet check-ups. While generally healthy, they can be prone to conditions like hip dysplasia and certain cancers. Golden Retrievers are natural swimmers, love to retrieve, and their warm, patient personality makes them a perfect companion for a loving home.

</p>

<br />

<button>

<a href="1.html"

    style="font-family: Arial, Helvetica, sans-serif; font-size: 30px; text-decoration: none;">About<br>Urban Dog Company</a>

</button>

<button>

<a href="UrbanPetCo.html"

    style="font-family: Arial, Helvetica, sans-serif; font-size: 30px; text-decoration: none;">About Us<br>

    Homepage</a>

</button>

<button>

<a href="3.html"

    style="font-family: Arial, Helvetica, sans-serif; font-size: 30px; text-decoration: none;">Dog<br>2</a>

</button>

```

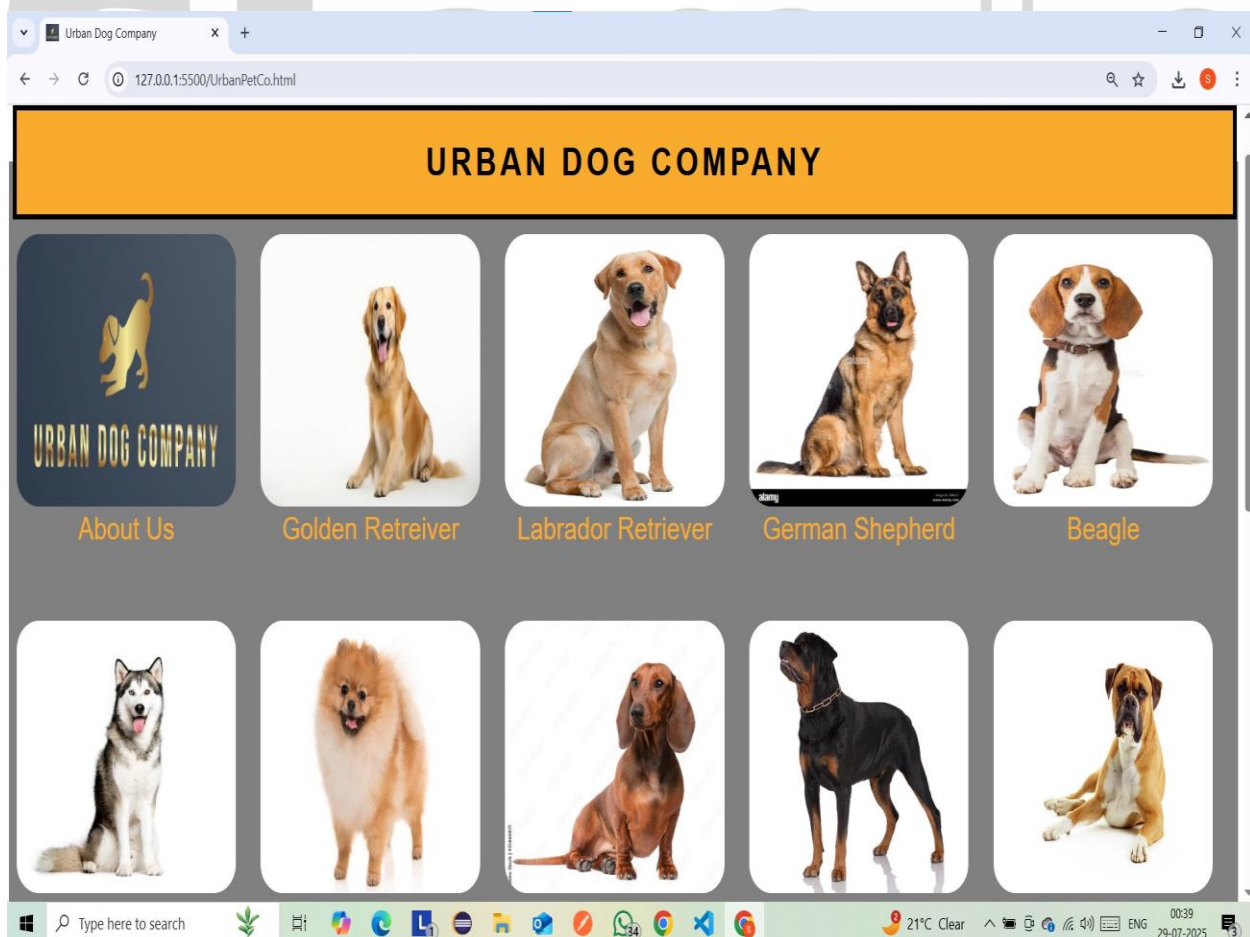
</body>

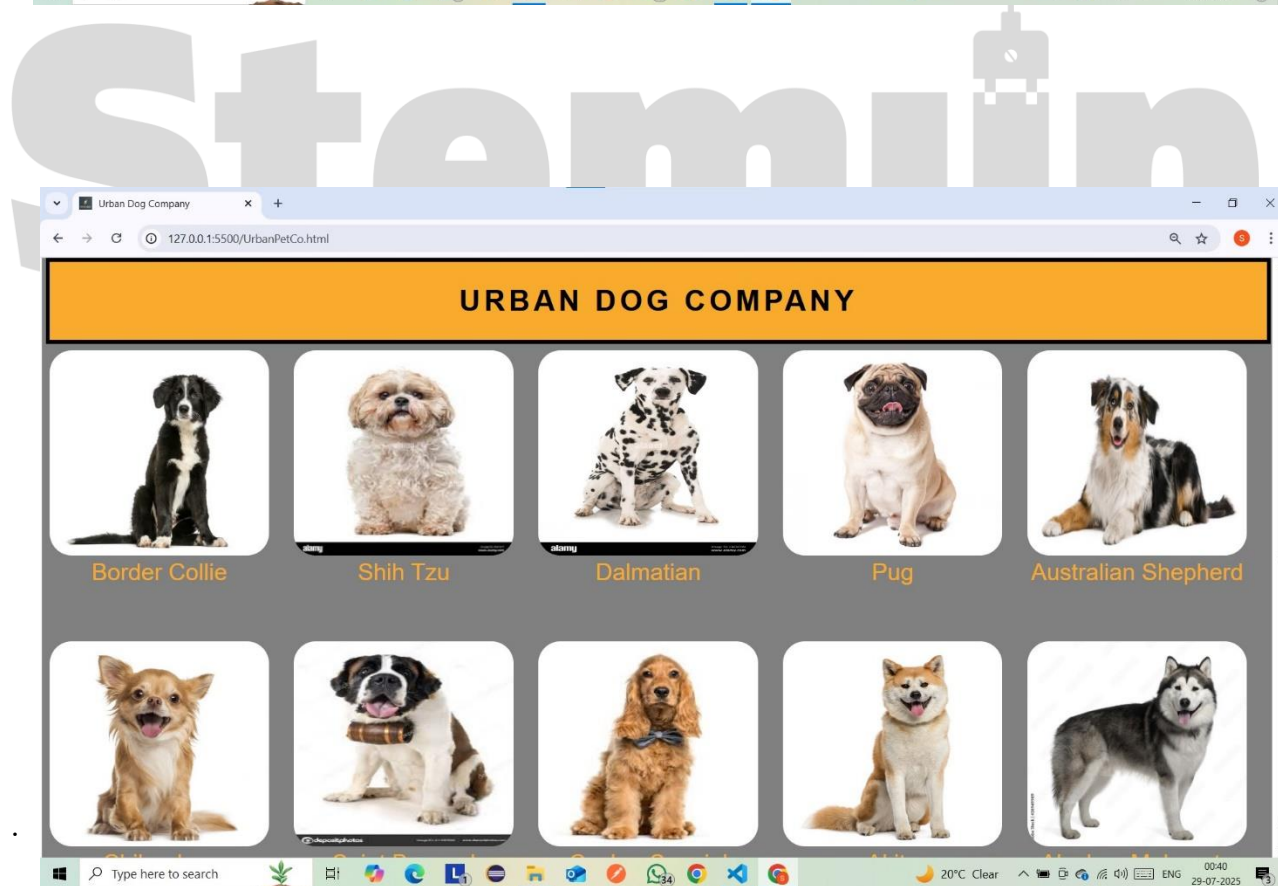
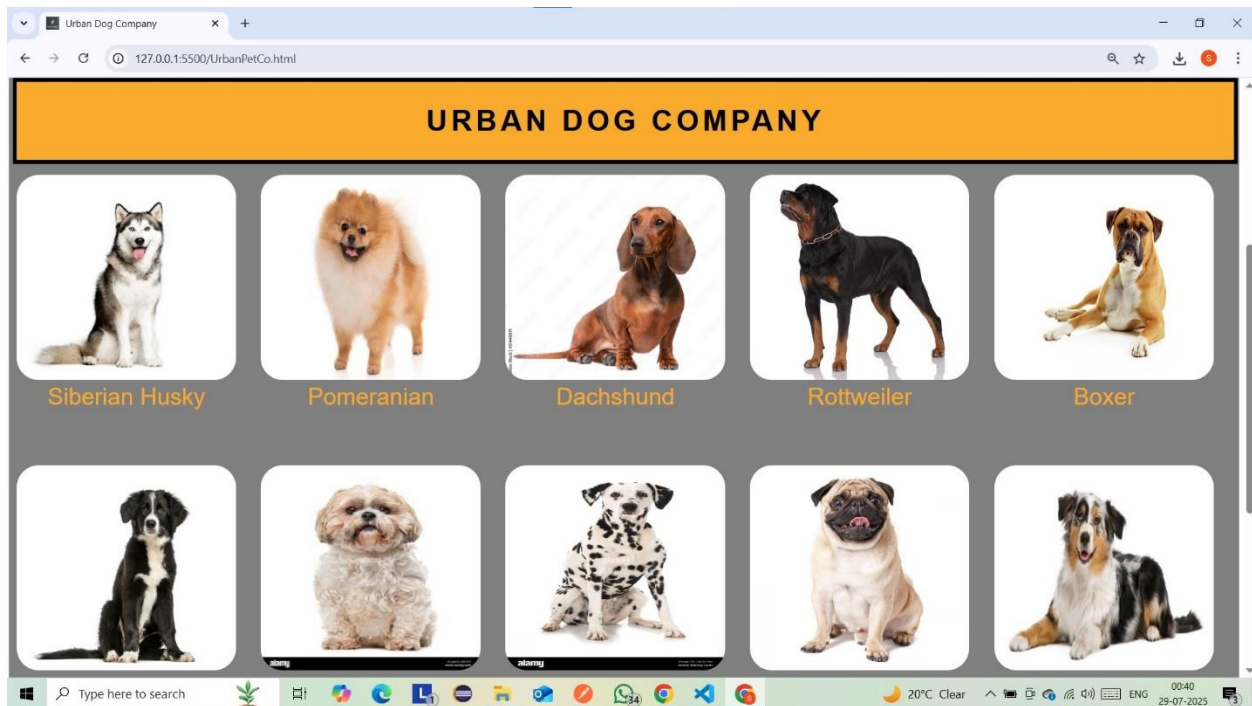
</html>

## 5. Test Cases

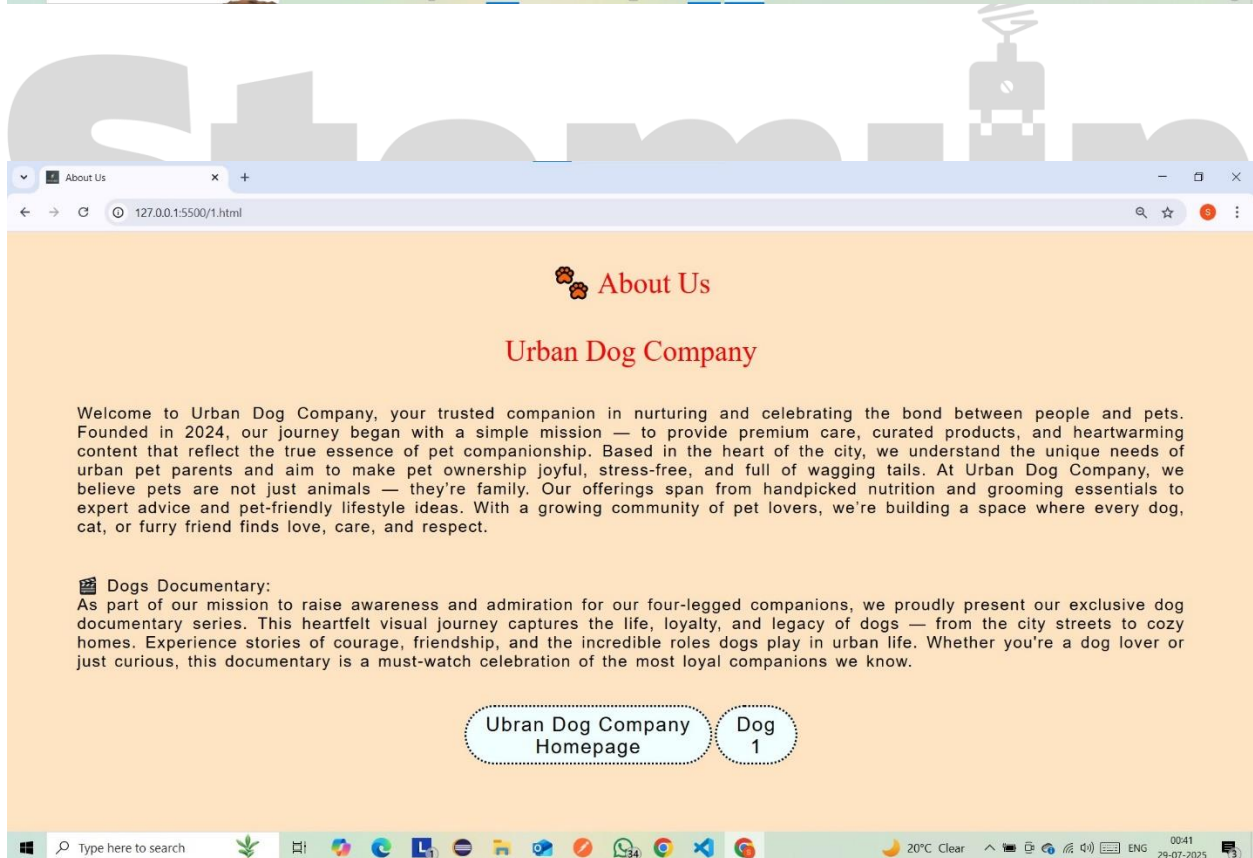
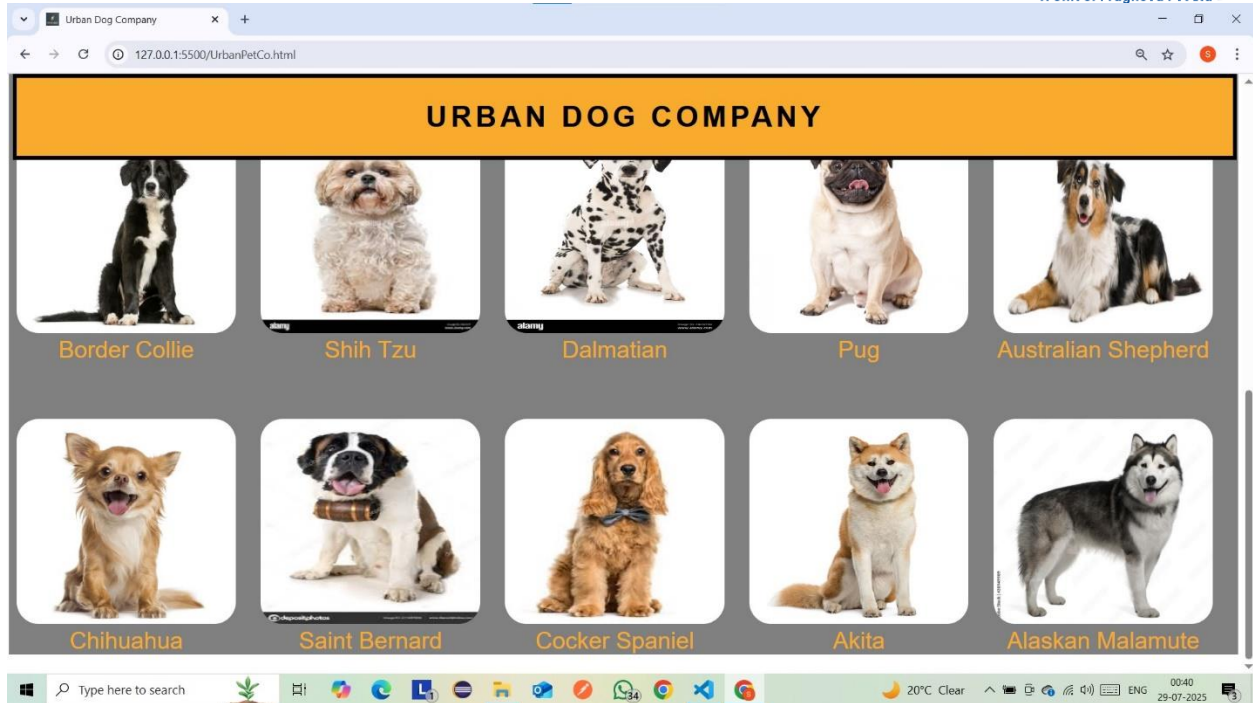
| Test Case | Action                              | Expected Result                     | Result |
|-----------|-------------------------------------|-------------------------------------|--------|
| TC1       | Open index.html                     | 20 dogs displayed in a Flexbox grid | Pass   |
| TC2       | Resize browser window               | Grid adjusts responsively           | Pass   |
| TC3       | Click on a dog image                | Opens detailed dogX.html page       | Pass   |
| TC4       | Click "Back to Menu" on detail page | Returns to homepage                 | Pass   |
| TC5       | Move to next pages                  | Moved                               | Pass   |

## 6. Screenshots of Output












Golden Retriever

127.0.0.1:5500/2.html

## [1] Golden Retriever




The Golden Retriever is a friendly, intelligent, and loyal dog breed that originated in 19th-century Scotland. Bred initially for retrieving game during hunting, Golden Retrievers are well-known for their gentle temperament, eagerness to please, and affectionate nature, making them one of the most popular family dogs worldwide. They are medium to large-sized dogs, weighing between 55 to 75 pounds, with a dense, water-repellent golden coat that ranges from light to dark shades. Golden Retrievers are highly energetic and require regular exercise such as walks, playtime, and swimming.

Their intelligence and trainability make them excellent working dogs, often employed as guide dogs for the blind, therapy animals, and search-and-rescue dogs. They thrive on companionship and are great with children, seniors, and other animals, rarely showing aggression. Regular grooming is necessary due to their tendency to shed, and they benefit from consistent ear cleaning, dental care, and vet check-ups. While generally healthy, they can be prone to conditions like hip dysplasia and certain cancers. Golden Retrievers are natural swimmers, love to retrieve, and their warm, patient personality makes them a perfect companion for a loving home.

[About Ubran Dog Company](#)
[About Us Homepage](#)
[Dog 2](#)

Type here to search 20°C Clear 00:41 29-07-2025

## [2] Labrador Retriever



Friendly, outgoing, and always full of energy, the Labrador Retriever is one of the most beloved family dogs around the world. Labs are known for their intelligence and loyalty, often excelling in training, sports, and even therapy roles. Their short, water-resistant coats and webbed feet make them natural swimmers, and their cheerful nature ensures they get along well with children and other pets.

These dogs thrive in active households where they can run, fetch, and play. Labs are people-pleasers who love being involved in family activities. Whether it's hiking in the hills or lounging on the couch, a Labrador will be by your side with a wagging tail and joyful spirit.

[Dog 1](#)
[Ubran Dog Company Homepage](#)
[Dog 3](#)

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German Shepherd

127.0.0.1:5500/4.html

### [3] German Shepherd



The German Shepherd is a symbol of strength, courage, and intelligence. Originally bred for herding sheep, this breed is now commonly seen in police and military roles due to its unmatched discipline and trainability. Their alert nature and imposing presence make them excellent watchdogs while still being gentle with their families.

Loyal to the core, German Shepherds form strong bonds with their humans. With early socialization and consistent training, they become protective yet affectionate companions, always eager to work, play, or simply sit by your side with quiet devotion.

Dog 2    Ubran Dog Company Homepage    Dog 4

Type here to search    20°C Clear    00:42 29-07-2025

Beagle

127.0.0.1:5500/5.html

### [4] Beagle



Beagles are small to medium-sized hounds with an incredible sense of smell and a curious nature. Originally bred for hunting, they're known for their strong tracking instincts and vocal howls. Despite their hunting background, Beagles are affectionate, gentle, and great with kids.

Their compact size and playful personality make them ideal for families in both city apartments and countryside homes. Always on the lookout for interesting scents and sounds, Beagles bring a mix of adventure and fun into everyday life.


Dog 3    Ubran Dog Company Homepage    Dog 5

Type here to search    20°C Clear    00:42 29-07-2025

Siberian Husky

127.0.0.1:5500/6.html

### [5] Siberian Husky



With their striking blue eyes and wolf-like appearance, Siberian Huskies are true showstoppers. Bred to pull sleds over long distances, they are powerful, independent, and bursting with energy. Huskies are pack animals, which means they crave companionship and don't like being left alone for long.

They are known for their stubbornness, but with consistent training and plenty of exercise, they make loyal and entertaining pets. Whether it's racing through snow or howling at the moon, Huskies never fail to bring excitement into a household.

Dog 4   Ubran Dog Company Homepage   Dog 6

Type here to search   20°C Clear   00:42 29-07-2025

Pomeranian

127.0.0.1:5500/7.html

### [6] Pomeranian



Tiny in size but enormous in personality, Pomeranians are bold, curious, and always looking to be the center of attention. Their fluffy coats and alert expressions make them resemble little lions—brimming with confidence and charm.

These pint-sized pups love to entertain and are surprisingly smart and trainable. While they can be vocal, their loyalty and affectionate nature make them wonderful companions, especially for those looking for a lively lapdog.

Dog 5   Ubran Dog Company Homepage   Dog 7

Type here to search   20°C Clear   00:43 29-07-2025

## 7. Observation / Reflection

Building this dog website using Flexbox was a valuable learning experience. Initially, it was challenging to decide on the best layout and ensure it worked across screen sizes. I also had to carefully link all external resources like images and navigation between pages.

From this task, I learned the importance of semantic HTML, how Flexbox simplifies responsive layout design, and how to create reusable UI components like image cards. In the future, I would like to enhance the site by adding interactive hover effects, social media icons, and accessibility improvements like ARIA labels and proper alt text for images.

