Experiment 5 : IP Lab

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Title:
Design a web pages using Bootstrap

Problem Definition:
Design a web pages using Bootstrap Grid system, Forms, Button, Navbar

Pre-requisites:
HTML

Theory:

Grid system : Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive. Below is an example and an in-depth explanation for how the grid system comes together.

Forms : Bootstrap's form controls expand on our Rebooted form styles with classes. Use these classes to opt into their customized displays for a more consistent rendering across browsers and devices.

Button : Bootstrap includes several predefined button styles, each serving its own semantic purpose, with a few extras thrown in for more control.

Procedure:

Create a .html file
Create the html boilerplate and add the cdn links from official bootstrap documentation
Use grid system to show how columns can be aligned in a row
Use button and form which are also responsive
Navbar is responsive and adjustable on the basis of the screen.

Program:

Navbar

```html
<nav class="navbar navbar-dark navbar-expand-lg">
        <a class="navbar-brand" href="">tindog</a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarTogglerDemo02"
          aria-controls="navbarTogglerDemo02" aria-expanded="false"
aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse"
id="navbarTogglerDemo02">
          <ul class="navbar-nav ms-auto">
            <li class="nav-item">
              <a class="nav-link" href="#footer">Contact</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#pricing">Pricing</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#cta">Download</a>
            </li>
          </ul>
        </div>
      </nav>
```

Grid system

```html
 <div class="row row1">
      <div class="columns col-lg-4">
        <i class="fa-solid fa-circle-check icons fa-4x"></i>
        <h3>Easy to use.</h3>
        <p class="para">So easy to use, even your dog could do
it.</p>
      </div>
      <div class="columns col-lg-4">
```

```
        <i class="fa-solid fa-bullseye icons fa-4x"></i>
        <h3>Elite Clientele</h3>
        <p class="para">We have all the dogs, the greatest
dogs.</p>
      </div>
      <div class="columns col-lg-4">
        <i class="fa-solid fa-heart icons fa-4x"></i>
        <h3>Guaranteed to work.</h3>
        <p class="para">
          Find the love of your dog's life or your money back.
        </p>
      </div>
    </div>
  </div>
```

Form

```
<div class="container text-center">
  <br>
  <br>
  <h3>Please Fill The Form!</h3>
  <br>
  <!-- <br> -->

  <div class="row">
    <div class="col">
      <input type="text" class="form-control" placeholder="First name"
aria-label="First name">
    </div>
    <div class="col">
      <input type="text" class="form-control" placeholder="Last name"
aria-label="Last name">
    </div>
  </div>
```
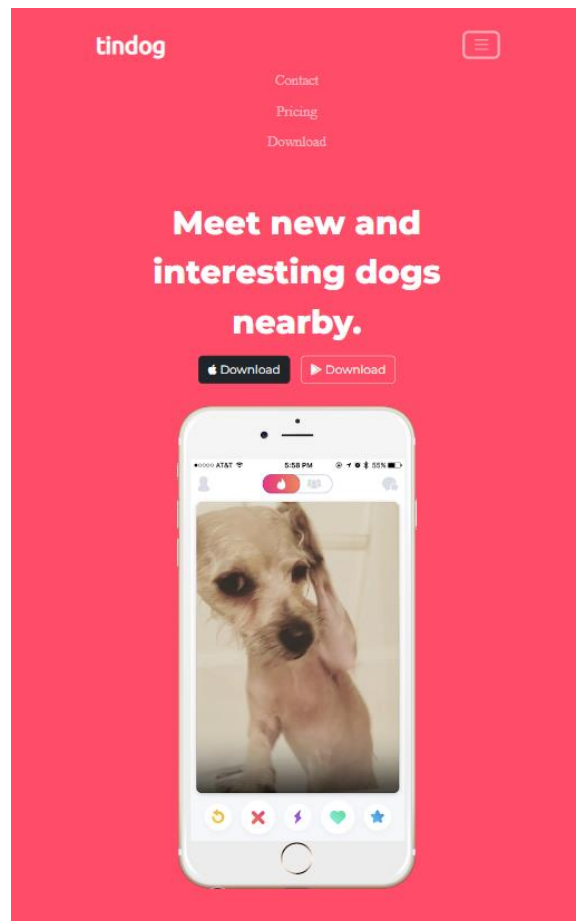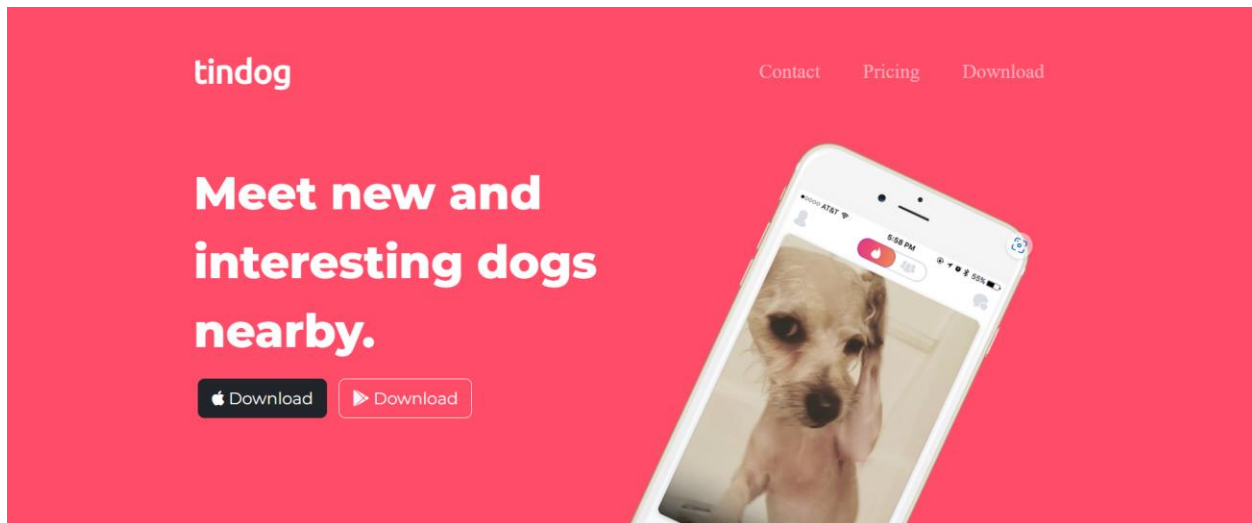
Output:

Grid:

Easy to use.

So easy to use, even your dog could
do it.

Elite Clientele

We have all the dogs, the greatest
dogs.

Guaranteed to work.

Find the love of your dog's life or your
money back.

A Plan for Every Dog's Needs

Simple and affordable price plans for your and your dog.

Chihuahua	Labrador	Mastiff
Free	**$49 / mo**	**$99 / mo**
5 Matches Per Day	Unlimited Matches	Pirority Listing
10 Messages Per Day	Unlimited Messages	Unlimited Matches
Unlimited App Usage	Unlimited App Usage	Unlimited Messages
Sign Up	Sign Up	Unlimited App Usage
		Sign Up

Please Fill The Form!

First name

Last name

Email address

name@example.com

Example textarea

Submit form

Results:

Bootstrap elements are created and displayed successfully

References:

https://getbootstrap.com/docs/5.1/helpers/vertical-rule/
https://getbootstrap.com/docs/5.2/forms/form-control/
https://getbootstrap.com/docs/4.0/components/buttons/