

ICP2 Report

Contributors:

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https://github.com/navyakusam/Web-and-Mobile-Programming-Spring-2022/tree/Web_ICP1_Branch_creation/ICP2_Web

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https://github.com/DP2196/WebMobile-Spring2022/tree/master/2022Spring-Web/Web_ICP2

Tasks performed in ICP2:

1. Created the new repository under Web-and-Mobile-Programming-Spring-2022 remote repository and checked out the same in local with source and documentation folders in it. Created an HTML Page Index.html under WebStorm/web/Web-and-Mobile-Programming-Spring-2022/ICP2_Web/Source.
2. Created the page with all mentioned elements such as: Paragraph, Headings, unordered list, ordered list, div & span elements, block elements (**p,div, h1,ol,ul,footer**) and inline elements(**a,span,strong,img**).
3. Created the folder “resources” under source folder to place the images and videos that were used in Page.
4. Added the appropriate Images at the locations in HTML file and added them as clickable. So, that image location is opened in new tab.
5. Video is added along with volume controls, Play, Pause in a block
6. Added styling elements for the index.html in main.css
7. As all these were done in separate branch, We have merged the changes using pull request to main branch.

Code Base:

Index.html

```
<!DOCTYPE html>
<html>
<head>
  <!-- title of the page-->
  <title>ICP2</title>

  <!-- css file to be used for styling-->
  <link rel="stylesheet" type="text/css" href="main.css">
</head>
<body>

  <!--heading for the page -->
  <h1 class="heading"> Cat </h1>

<div>

  <!-- using p tag-->
  <p>This page is dedicated to cats</p>

  <!-- using p tag as it is a block attribute for writing paragraphs-->
  <p>The cat

    <!-- Using in-line span tag to display the scientific name in dark orange colour -->
    <span style="color:darkorange">(Felis catus) </span> is a domestic species of a small carnivorous mammal.
    It is the

    <!-- displaying in bold-->
    <strong>only domesticated</strong> species in the family Felidae and is often referred to as the domestic cat
    to distinguish it from the wild members of the family. A cat can either be a house cat, a farm cat
    or a feral cat; the latter ranges freely and avoids human contact. Domestic cats are valued by humans for
    companionship and their ability to kill rodents. About <span style="color:darkorange">60 cat breeds</span> are reco

  </p>

  <p class="small_heading"> Few Breeds of cat</p>
  <!-- unordered list -->
  <ul>
    <li>Siamese</li>
    <li>Persian</li>
    <li>Maine Coon</li>
    <li>Ragdoll</li>
    <li>Bengal</li>
  </ul>

  <p class="small_heading"> What do cats love the most ?</p>
  <!-- Ordered list -->
  <ol>
    <li>Taking Naps</li>
    <li>Grooming and Being Groomed</li>
    <li>Fresh, Nutritious Food</li>
    <li>Running Water</li>
  </ol>

</div>
</body>
</html>
```

```

50         <li>Rolling water</li>
51     </ol>
52
53 </div>
54
55     <h4 class="heading">Some Cute Images</h4>
56
57     <!-- adding link to the image and target=_blank is for displaying the image in new tab-->
58     <a href="resources/cat.jpeg" target="_blank">
59         <!-- image tag for displaying the image -->
60         
61     </a>
62
63     <a href="https://media.istockphoto.com/photos/cute-kitten-licking-glass-table-with-copy-space-picture-id1293763250" target="
64     
66
67     <a href="resources/cat.jpeg" target="_blank">
68         
69     </a>
70
71     <br>
72
73     <h4 class="heading">Some playing videos</h4>
74     <!-- Video tag for displaying the video with basic controls -->
75     <video width="320" height="240" controls>
76         <source src="resources/cat_video.mp4" type="video/mp4">
77         Your browser does not support the video tag.
78     </video>
79
80     <div class="footer">
81         <!-- Footer of the page -->
82         <footer>
83             <p>Authors: Durga Vara Prasad Reddy Maryda,
84                 <a href="mailto:dmpqq@umsystem.edu">dmpqq@umsystem.edu</a><br>
85                 &emsp;&emsp;&emsp;&emsp; Navya Lakshmi Kusam,
86                 <a href="mailto:nlkd7d@umsystem.edu">nlkd7d@umsystem.edu</a></p>
87             </footer>
88         </div>
89     </body>
90 </html>
91
92

```

```

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```

main.css

```

1  body {
2      padding: 0;
3      box-sizing: border-box;
4  }
5
6  h1 {
7      margin: 0;
8  }
9
10 /* styling all the headings*/
11 .heading {
12     /* aligning the text to center for headings*/
13     text-align: center;
14     background: #ADD8E6;
15     color: black;
16 }
17
18 /* styling the footer of the page*/
19 .footer {
20     height: 75px;
21     background: #ADD8E6;
22 }
23
24 /* all heading styling/

```

```
7
8  /* styling the footer of the page*/
9  .footer {
10     height: 75px;
11     background: #ADD8E6;
12 }
13
14 /* small heading styling*/
15 .small_heading {
16     color: darkblue;
17 }
18
19
```

Output:

HTML Page:

file:///Users/mdvpr/Documents/UMKC/Web/WebMobile-Spring2022/2022Spring-Web/Web_ICP2/source/index.html

