**Introduction**

This is a website for the animal charity SPCA Hong Kong. It includes 5 pages: a home page, a gallery page, a donation page, a contact page, and a about page, along with a CSS file(first\_style.css) to set up the presentation of the documents written in html file.

As the theme of the website is animal welfare, a cute animal background and compassion-arising slogans are used to encourage visitors to adopt, donate and take the initiative to know more about animal rights and welfare. Translucent boxes are also used in most pages to contain and highlight the content to maintain a consistent overall design.

Most literal and image contents of the website are from SPCA HK, while all web designs are original work, except those with references in the comments of the code.

**Links to both my own pages and external webpages:**

To my own pages

In html and CSS: (e.g. line 25 in homepage.html use an image to be a link to home page, line 30 in homepage.html create a link to the about page)

In the website: (e.g. click ‘home’ or the SPCA logo in navigation bar will both link to the homepage)

To external webpages

In html and CSS: (e.g. line 44 in homepage.html create a link to the real SPCA page; line 58 in Contact.html create a link to SPCA facebook page)

In the website: (e.g. click ‘LEARN MORE’ in home page will link to the actual SPCA HK website, click the facebook icon in contact page will link to SPCA facebook page)

**A navigation bar:**

In html and CSS: (e.g. line 1-79 in first\_style.css, line 27-35 in homepage.html)

In the website: On the top area of all 5 pages.

**Table:**

In html and CSS: (e.g. line 341-374 in first\_style.css, line 45-73 in Contact.html)

In the website: Contact content of contact page(e.g. Address,Email..)

**List:**

In html and CSS: Unordered list (e.g. line28-34 in homepage.html, line 33-39 in About.html)

In the website: Under the title ‘How we act to achieve our aims’ in About page.

**Local/embedded video:**

In html and CSS: (e.g. line48-50 in About.html)

In the website: Under the ‘Who we are’ In the about page

**CSS3 elements(properties)(Only the first four include the where in my site used it):**

display

In html and CSS: (e.g. line 202 in first\_style.css)

In the website: (e.g. use display:inline block in gallery page to present information of animals in shelter)

Border

In html and CSS: (e.g. line 69 in first\_style.css)

In the website: (e.g. donate part in navigation bar, heading ‘Who we are’ in About page)

Margin

In html and CSS: (e.g. line 171-172 in first\_style.css)

In the website: (e.g. use margin in gallery page to center the content)

padding

In html and CSS: (e.g. line 207 in first\_style.css)

In the website: (e.g. use padding in gallery page to pad the content)

Width (e.g. line 92 in first\_style.css)

height(e.g. line 93 in first\_style.css)

clear(e.g. line 161 in first\_style.css)

background-color(e.g. line 178 in first\_style.css)

text-align(e.g. line 221 in first\_style.css)

box-sizing(e.g. line 426 in first\_style.css)

cursor(e.g. line 438 in first\_style.css)

hover selector(e.g.line 61-64, 74-79,128-132,151-156 in first\_style.css)

**HTML5 elements(Only the first four include the where in my site used it):**

<br >

In html and CSS: (e.g. line 57 in About.html)

In the website: (e.g. use line break in the content below the video in about page)

<img>

In html and CSS(e.g. line 43 in Contact.html)

In the website: (e.g. use image to show the location of SPCA HK)

<input>

In html and CSS(e.g. line 65 in Dontation.html)

In the website: (e.g. use <input> to make a space for visitors to input some data)

<a>

In html and CSS(e.g. line 58 in Contact.html)

In the website: (e.g. use <a> to create a link to the Facebook page of SPCA HK)

<header> (e.g. line 24-36 in homepage.html)

<nav> (e.g. line 27-35 in homepage.html)

<section> (e.g. line 37-51 in homepage.html)

<div> (e.g. line 40-41 in gallery.html)

<form>(e.g. line 62 in Donation.html )

<h1>(e.g. line 52 in Donation.html)

<h3>(e.g. line 53 in Donation.html)

<h2>(e.g. line 67 in Gallery.html)

<p>(e.g. line 68 in Gallery.html)

<footer>(e.g. line 138-140 in Gallery.html)

<head>(e.g. line 3-22 in Gallery.html)

<body> (e.g. line 23-137 in Gallery.html)

<ul> (e.g. line 28-34 in homepage.html)

<table>(e.g. line 45-73 in Contact.html)

**CSS positional properties :**

Position

position:relative(e.g. line 40,168 in first\_style.css)

top(e.g. line 41 in first\_style.css)

position:absolute(e.g. line 177 in first\_style.css)

Float

float:left(e.g. line 21 in first\_style.css)

float:right(e.g. line 26 in first\_style.css)

**Inline and block elements :**

Inline elements

<br >

In html and CSS: (e.g. line 57 in About.html)

In the website: (e.g. use line break in the content below the video in about page)

<img>

In html and CSS: (e.g. line 43 in Contact.html)

In the website: (e.g. use image to show the location of SPCA HK)

<input>

In html and CSS: (e.g. line 65 in Dontation.html)

In the website: (e.g. use <input> to make a space for visitors to input some data)

<a>

In html and CSS: (e.g. line 58 in Contact.html)

In the website: (e.g. use <a> to create a link to the facebook page of SPCA HK)

Block elements

<div>

In html and CSS: (e.g. line 44 in About.html )

In the website: (e.g. use <div> to wrap up the translucent box in About page)

<form>

In html and CSS: (e.g. line 62 in Donation.html )

In the website: (e.g. use <form> to create a donate form in donate page)

**<**h1>

In html and CSS: (e.g. line 52 in Donation.html)

In the website: (e.g. use <h1> for the heading ‘Donate to SPCA’ in donate page)

<h3>

In html and CSS: (e.g. line 53 in Donation.html)

In the website: (e.g. use <h3> for the sub- heading ‘100% of your money go towards animals in need’ in donate page)

**Additional features of HTML and CSS explored**

-Create a CSS form that can be sent to my email when submit

In html and CSS: (line 398-445 in first\_style.css and line 62-80 in donation.html)

In the website: in donate page

The CSS form Include various elements like the input elements(e.g. line 409 in first\_style.css and line 65 in donation.html), label elements(e.g. line 64 in donation.html), select elements(e.g. line 73 in donation.html) and option elements(e.g. line 74 in donation.html)

-border-radius property

In html and CSS: (e.g. line 19-20 in first\_style.css)

In the website: (e.g. The logo at the top-left corner of every page has non-sharp angles)

-box-shadow property to emphasize the donate button and encourage user to donate

In html and CSS: (e.g. line 76 in first\_style.css)

In the website: (e.g. The ‘donate’ at navigation bar of every page has shadow effect when hover)

-text-transform property

In html and CSS: (e.g. line 105 in first\_style.css)

In the website: (e.g. The text of ‘LEARN MORE’ and ‘DONATE NOW’ buttons in home page transform to uppercase)

- opacity property in 4 pages make the contents more clear

In html and CSS: (e.g. line 179 in first\_style.css)

In the website: (e.g. The white translucent box that wrap the content in the about page)

- cursor property

In html and CSS: (e.g. line 438 in first\_style.css)

In the website: (e.g. The send button in donate page show a cursor when the mouse pointer is over it)