**ACW3 Detail**

Visual sketches of at least 3 important screens; precise detail, systematically laid out, of actions and items for each screen.

(all docs are clear, complete, and there is evidence of careful and methodical design of the software product)

**Image Sources**

<http://showme.co.za/nelspruit/interactive/local-personalities/pro-life-pet-rescue-karin-erasmus/>

(gallery1.png)

<https://www.offtheleashtx.com/>

(gallery2.png)

<http://www.whitewaypetshop.net/>

(gallery3.png)

<https://www.pinterest.com/pin/250231323023836376/>

(gallery4.png)

<http://lemessager.libreserviceweb.fr/magazine/article/les-chats-ne-font-pas-des-chiens.html>

(gallery5.png)

<http://www.123rf.com/photo_12723874_a-close-up-photo-of-a-fat-sugarglider.html>

(gallery6.png)

<http://chop_dnz.klasna.com/uk/site/PT-instructor.html>

(gallery7.png)

<http://www.keywordhut.com/c2VhIHVyY2hpbiB2ZW5vbQ/>

(gallery8.png)

<https://www.vecteezy.com/vector-art/76042-cat-vector-icon>

(cat\_icon.png)

<http://www.polypostalpackaging.com/>

(bullet\_green.png)

<http://valencia-international.com/the-red-cross-in-valencia-interview-with-rafael-prosper/>

(header\_logo.png)

<https://uk.pinterest.com/pin/580542208185634391>

(LOGO.png)

<http://allwebco-templates.com/support/S_audio_onmouseover.htm>

(used for the javascript to allow a cat image to make a noise)

<http://allwebco-templates.com/support/S_audio_onmouseover.htm>

(sound-image.jpeg)

<http://www.orangefreesounds.com/cat-sound/>

(meow.mp3, meow.ogg, etc..)

**Graphics & Animations**

* A cat logo (cat\_icon.png) that spins 360 degrees inside a container (div id=”cat”).
  + #cat img{
  + position: absolute;
  + animation: spin 5s linear infinite;
  + top: 50%;
  + left: 50%;
  + width: 120px;
  + height: 120px;
  + margin:-60px 0 0 -60px ;
  + }
    - @keyframes spin {
    - 100% { transform:rotate(360deg); }
    - }
* That container moves up and down the web page on the border- below the navigation bar.
  + #cat {
  + color: #31837A;
  + position: relative;
  + top: 350px;
  + left: 20px;
  + width: 180px;
  + height: "images/cat\_icon.png";
  + border: 3px solid yellow;
  + border-radius:15px;
  + animation-name: example;
  + animation-duration: 10s;
  + animation-iteration-count: infinite;
  + }
    - @keyframes example {
    - 0% {background-color:red; color:white; left:20px; top:370px;}
    - 25% {background-color:purple; color:white; left:20px; top:435px;}
    - 50% {background-color:blue; color:white; left:20px; top:520px;}
    - 75% {background-color:green; color:white; left:20px; top:435px;}
    - 100% {background-color:red; color:white; left:20px; top:370px;}
    - }
* Using internal CSS with <style> element inside <head> for my 3 navigation pages (Home Page.htm, feedback.htm and database.htm) I have created an interactive navigation bar with hyperlinks. Links turn yellow if ‘visited’ and start on ‘yellow’, but they turn red when ‘hovered’ on and when the link is ‘active’ (clicked on) it turns blue briefly.
  + <style>
  + a:link {color:yellow; background-color:transparent; text-decoration:none}
  + a:visited {color:yellow; background-color:transparent; text-decoration:none}
  + a:hover {color:red; background-color:transparent; text-decoration:underline}
  + a:active {color:blue; background-color:transparent; text-decoration:underline}
  + </style>
* I have of course used external CSS mainly to style my web pages with the CSS file called ‘mycss.css’.
  + <link rel="stylesheet" type="text/CSS" href="mycss.CSS" />
* I have created a ‘blinking’ border for my header (div id=”header”) on every single page (11 pages in total), whereby the border flashes yellow and turns transparent in the rest periods.
  + #header {
  + position: absolute;
  + top: 10px;
  + left: 220px;
  + right: 20px;
  + height: 80px;
  + border: 3px solid #585858;
  + border-radius: 15px;
  + background-color: #99CCCC;
  + color: yellow;
  + box-shadow: 6px 6px 8px #888888;
  + animation:
  + blink-caret 1s step-end infinite;
  + }
    - @keyframes blink-caret {
    - from, to { border-color: transparent }
    - 50% { border-color: yellow; }
    - }
* I have used inline styling to change the background colour of all my web pages to light green.
  + <body style="background-color:lightgreen">
* I have used a ‘photo gallery’ animation on my Home Page to allow 2 separate images to fade between each other in 4 separate instances, allowing 8 images on the page (4 at one time). My divs are ph1, 2, 3 and 4 and so I will show you ph1 here as CSS code.
  + #ph1 {
  + border: 5px solid lightgreen;
  + border-radius:5px;
  + background-color: lightgreen;
  + position:absolute;
  + top: 20px;
  + left: 20px;
  + height: 200px;
  + width: 300px;
  + margin:0 auto;
  + }
  + #ph1 img {
  + position:absolute;
  + left:0;
  + margin: 0;
  + width:100%;
  + height:100%;
  + -webkit-transition: opacity 1s ease-in-out;
  + -moz-transition: opacity 1s ease-in-out;
  + -o-transition: opacity 1s ease-in-out;
  + transition: opacity 1s ease-in-out;
  + }
  + #ph1 img.top {
  + animation-name: phFadeInOut;
  + animation-timing-function: ease-in-out;
  + animation-iteration-count: infinite;
  + animation-duration: 3s;
  + animation-direction: alternate;
  + }
    - @keyframes phFadeInOut {
    - 0% { opacity:1;}
    - 45% {opacity:1;}
    - 55% {opacity:0;}
    - 100% {opacity:0;}
    - }

Here is the HTML code for ‘ph1’ including the first 2 images (gallery1.png and gallery2.png):

* <div id="ph1">
* <img class="bottom" src="images/gallery1.png" alt="ph1" title="ph1"/>
* <img class="top" src="images/gallery2.png" />
* </div>
* I have used an animation to create a ‘typewriter’ effect on all my headers (div id=”h1”) when the page is initially loaded. The header appears to be ‘typed out’.
  + h1{
  + white-space: nowrap;
  + overflow: hidden;
  + width: 10em;
  + animation: type 1s steps(60, end);
  + }
  + h1:nth-child(2){
  + animation: type2 8s steps(60, end);
  + }
  + span{
  + animation: blink 1s infinite;
  + }
    - @keyframes type{
    - from { width: 0; }
    - }
    - @keyframes type2{
    - 0%{width: 0;}
    - 50%{width: 0;}
    - 100%{ width: 100; }
    - }
    - @keyframes blink{
    - to{opacity: .0;}
    - }
* I have created a dual ‘hover’ effect on my logo (LOGO.png) and its surrounding container (div id=”logo”) where during a ‘mouse hover’ the logo box border changes colour to yellow and the inner part of the box fades to yellow.
  + #logo {
  + transition: background-color 0.5s;
  + position: absolute;
  + top: 10px;
  + left: 20px;
  + width: 180px;
  + height: 80px;
  + background-color: #99CCCC;
  + border: 3px solid yellow;
  + border-radius: 25px;
  + box-shadow: 6px 6px 8px #888888;
  + }
  + #logo:hover { background-color: yellow;
  + box-shadow: inset 0 0 0 10px yellow;}
  + #logo img{
  + margin: 0;
  + width:50%;
  + height:100%;
  + transition-property: color;
  + transition-duration: 3s;
  + position: absolute;
  + top: 50%;
  + left: 50%;
  + margin-right: -50%;
  + transform: translate(-50%, -50%)
  + }

**Sounds**

I have used javascript to create a sound that occurs after the mouse ‘hovers’ over the spinning cat icon (cat\_icon.png). The sound is a ‘meow’ that a cat would realistically speak (meow.mp3, meow.ogg). My javascript file is called ‘sound-mouseover.js’ and is used in the 3 navigation web pages.

* <script type="text/javascript" src="sound-mouseover.js"></script>

The javascript is contained within div id=”cat”.

* <div id="cat">
* <p align= "center">We want feedback!</p><br></br><br></br>
* <p align= "center">Click on the cat!</p>
* <a href="feedback.htm" onmouseover="playclip();"><img src="images/cat\_icon.png" alt="cat\_spin" title="”Feedback Page”"></a>
* </div>
  + <audio>
  + <source src="images/meow.mp3">
  + <source src="images/meow.ogg">
  + </audio>
  + <div id="sounddiv"><bgsound id="sound"></bgsound></div>

The javascript file is displayed below.

* function playclip() {
* if (navigator.appName == "Microsoft Internet Explorer" && (navigator.appVersion.indexOf("MSIE 7")!=-1) || (navigator.appVersion.indexOf("MSIE 8")!=-1)) {
* if (document.all)
* {
* document.all.sound.src = "images/meow.mp3";
* }
* }
* else {
* {
* var audio = document.getElementsByTagName("audio")[0];
* audio.play();
* }
* }
* }

The cat image is also a link to the feedback page (feedback.htm).

**Actions**

I have a ‘navigation’ bar (div id=navBar”) at the top on the left hand side that displays the 3 ‘key’ web pages for my design in that they are the different parts of the website.

1. Home (This takes you to the home page in which a gallery of pets are displayed including a welcome message and opening times for NPC Vets).
2. Feedback (This takes you to the feedback section of the site in which there is a comments ‘form’ in which you can send comments to the site once submitted, through PHP).
3. Database (This takes you to the database section of the site where there is a login (default) to enter. Once entered you can access the database and use the CRUD (create, retrieve, update and delete) operations for SQL as a client of the site. This is done through forms created on 6 separate PHP web pages to allow server-side connections).



**Logo design**

This is my final design for my website and NPC logo, in which the base logo was found on Pinterest ([**https://uk.pinterest.com/pin/580542208185634391**](https://uk.pinterest.com/pin/580542208185634391)**).** I then used Photoshop to create a gradient background from green to white (#FFFFFF), in which I dragged from right to left behind the logo and removed the original background. I believe what I have created is a stunningly simple logo, but is always associated with pets and vets. So, I believe my goal of having a memorable and relevant logo to the company has been achieved. The colours are subtle and not be garish, in which clients would not be put off by the site of it. The simple round shape also allows easy manipulation around a web page, but also potentially built into a brand (put onto mugs, t shirts, stickers, etc.) to grow NPC as a business and recognisable.

I believe the design is very similar and has the same friendliness and appeal of the Mozilla Firefox logo, in which this logo is part of a distinct and strong brand.

The image of a ‘hand’ helping and caring for a ‘cat’, in my logo, shows empathy by NPC and gives reassurance to clients that their pets will be treated with the utmost care.

**Justification for decisions**

I believe I have made correct decisions along the way throughout my project. However, there will always be improvements, especially if this project is extended by myself later on if I want to pursue a cleaner look to the website. The style of the website could be seen as directed towards kids and not adults (the real clients) and so maybe I would edit my website to become more professional