

U6 ASSIGNMENT 2

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RICHMOND UPON THAMES COLLEGE

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Introduction

Throughout this assignment I will document how I created a website which means the client requirements. Websites and skills are constantly evolving and therefore being able to document all of the work I have done through this assignment will help me in the future to see how I have progressed and improved a few years down the line. My aim and purpose of this website is to create a space where I can raise awareness for Strays Meet Holland. My target audience for this website will be anyone with a pet or an interest in animals.

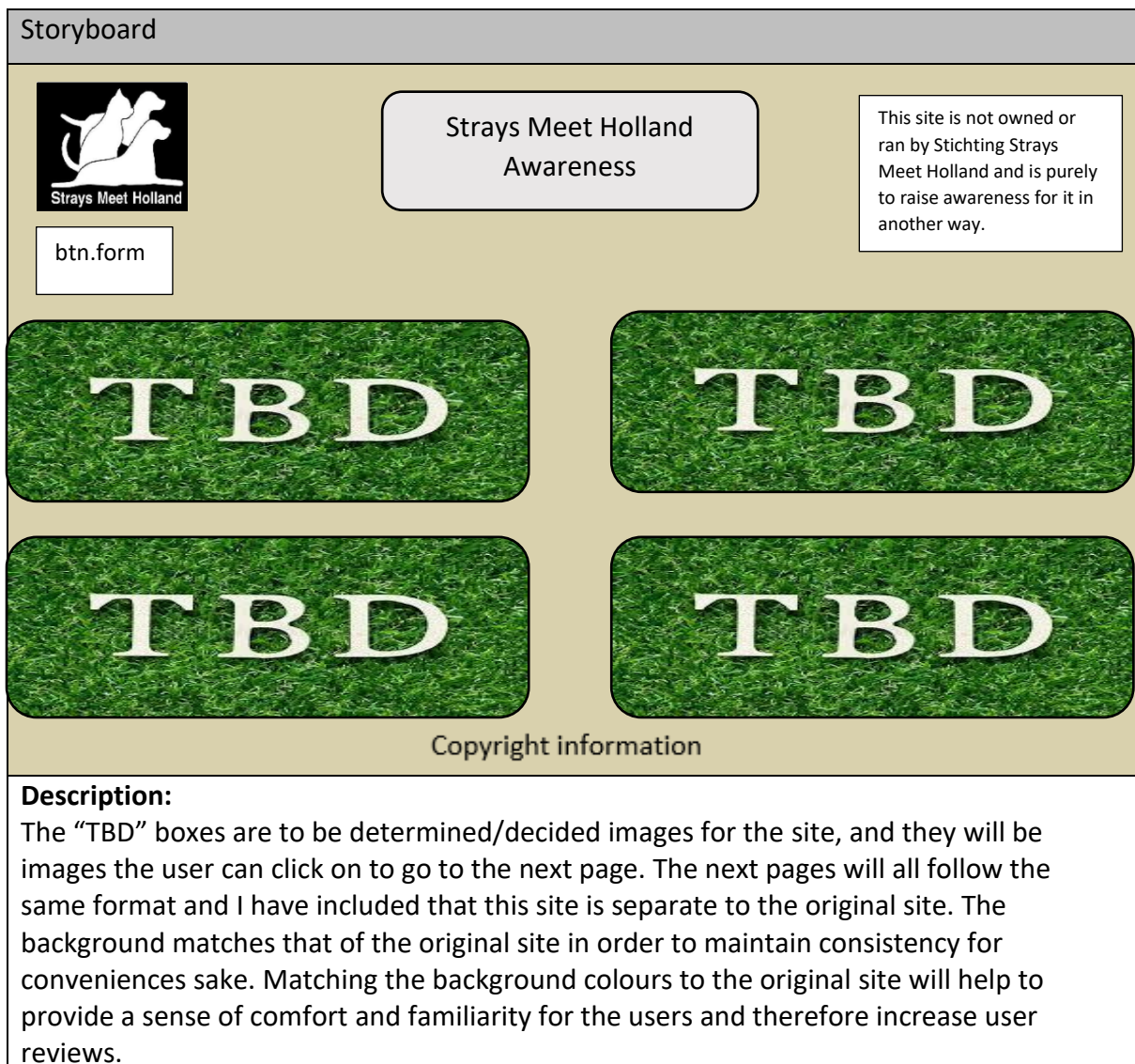
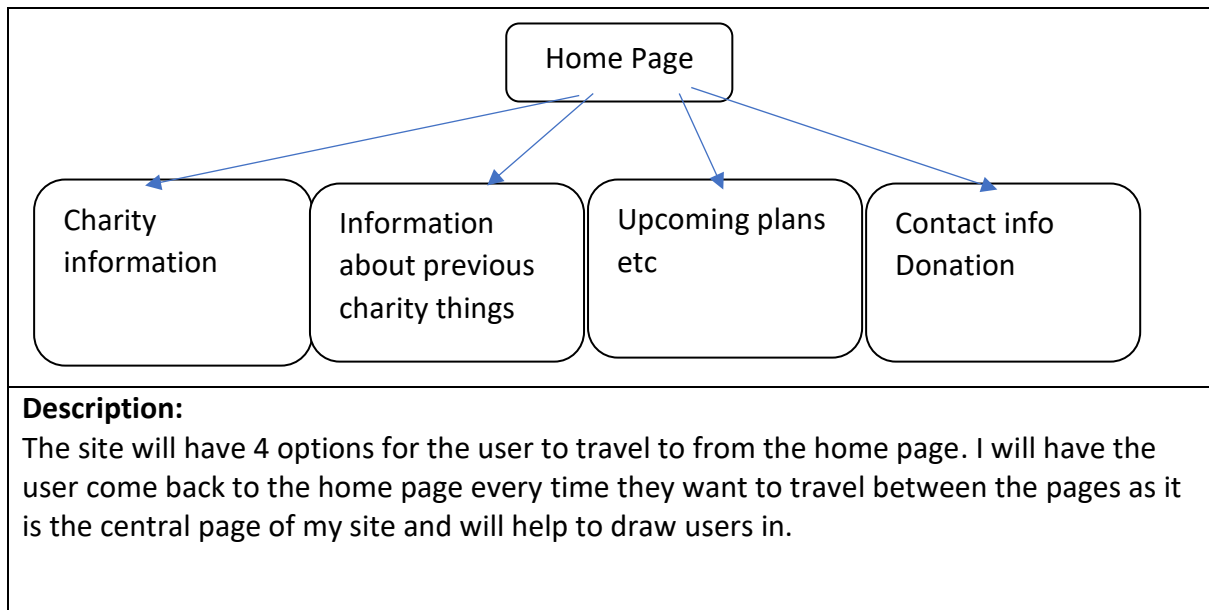
Design

Shown below is the design of my website, along with the feedback I received from my peers. Furthermore, it also includes a section where I detail changes I made to my design with justification and an evaluation of my changes, along with how it improves my website and to what extent.

My design for my website:

Website Design
Name: Charity
Website Purpose: To raise awareness for charity
Website Target Audience: Older than 18 All genders Pet owners
Website Requirements: <ul style="list-style-type: none">• Be at least 5 pages• Feature an image carousel/slide show and social media integration• Feature suitable images, text and at least 1 video• Use scripts in at least 1 way i.e., a booking/quote/email form

Site Map



Moodboard

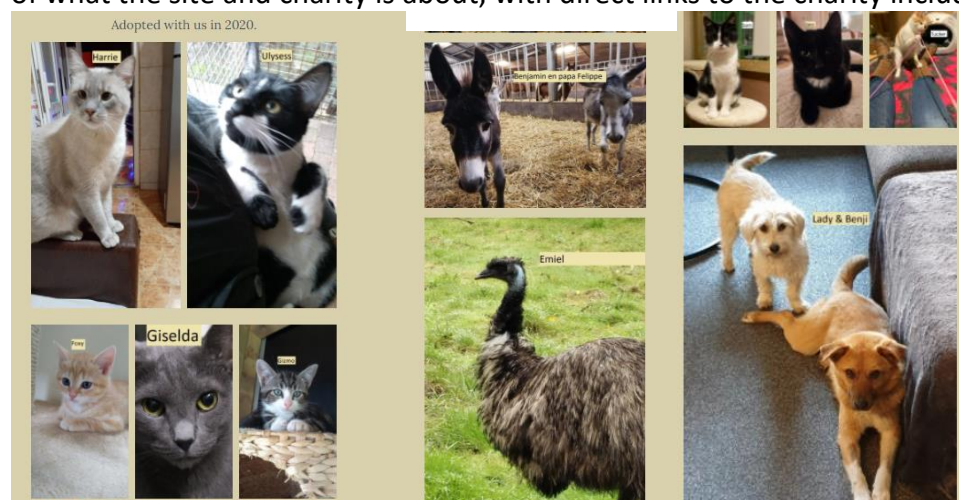
Website Colours

Hex: #ce0d4ac	#e9e7e7			
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Website Fonts

I will be using “Arial Font” at 12px for my website as the normal text and” **Lucida Sans**” at 16px for my headers. I have chosen these two as they are easily readable fonts and commonly used on websites

Images are to be determined however they will be centred around the charity such as where it is, and animals they have rescued as long as permission is given. Example of potential animals is as below. These images will be used in order to give the user an idea of what the site and charity is about, with direct links to the charity included in the site.



Description: The colours chosen are to stick to a neutral colour scheme which is the same as the original charity in order to stick to consistency. The grey I chose is to compliment the neutral colour the charity has and to slightly differentiate but not enough to throw anyone off.

The images and colours are directly due to the fact that I wish the site to be similar to the original Strays Meet Holland website as I do not want there to be a big contrast between the sites due to the nature of the site being about raising awareness and creating a positive space where I can do that, and if there is too much of a difference between the sites then that many create issues regarding that.

Page #1	Page Name
<div>Image carousel</div>	<div>Info about image</div>
Copyright information	

Description:

This page will feature an image carousel of different animals that the charity has saved and information available about the animal. I have included this as a way to raise awareness about the charity while also encouraging the users to become emotionally invested in the animals shown above, increasing the chance of users revisiting the site.

Page #2

Page Name

Information on charity



Credits for
images social
media links
regarding charity

Copyright information

Description:

Information on charity and links to different pages that the charity is related to. This information will help to provide more knowledge for the user as it may not be entirely clear how large the scope of Strays Meet Holland charity is and just how much work they do. Including this promote the work the charity does while also educating the users and improving the chances of users visiting the original website. The links for the social media will also help to give easy access for the user to quickly go without having to exit the site and search for the social media themselves, which often discourages people.

Page #3

Page Name

Image of animal	Anbi certification
	Anything they want me to add
Copyright information	

Description:

Here I will explain that the charity is anbi certified and explain what that is, alongside an image of an animal and anything the charity wants me to add. The image of the animal is another attempt to display the work that Strays Meet Holland does while also trying to make the user emotionally invested in the charity and animals, and possibly supporting or raising awareness in their own way.

The ANBI certification is added specifically because the charity requested I post about it on my Instagram account for my social media project, so I thought it best to include it. It explains information regarding donations and tax exemptions so I believe that including will help to show the authenticity of the charity while encouraging users to support a good cause.

Page #4	Page Name	
Donate here (clickable button)		
Video	Information on video and donate	
	Information on video	
Copyright information		

Description:

Here I will add a clickable button that links users to the donation page of the charity, as well as a video of an animal rescued by Strays Meet Holland and some information regarding it. Adding a video of an animal saved by Strays Meet Holland will help to show more evidence of the work they have done and having dynamic content, and not limiting to just static images, will help to add diversity to the site and bring a new perspective to the user. It will help to stimulate/attract interest in Strays Meet Holland, and aided with the information, will increase the chances of users donating.

Page #	Page Name
Description:	

Description:**Scripts****Description:**

I will include two scripts, an image carousel which cycles through some images and an email validation form which checks if the required contact form details are included.

Image Carousel:

My image carousel will scroll through 4 different images and will work as follows.

PSUEDOCODE

Slide Number = 0

RUN Slideshow

Slideshow(n):

VARIABLE i

```
VARIABLE Slides = amount of images
```

```
FOR i = 0 , i < Slides, i + 1 THEN
```

```
    Slides ( slides "i" ) HIDE
```

```
    Slide Number + 1
```

```
    IF Slide Number > slides THEN
```

```
        Slide Number = 1
```

```
    Slides (slide number – 1) DISPLAY
```

```
    WAIT 3 seconds
```

This function will cycle through the different slide images that have the correct class on them and will function like a slideshow.

Email Validation:

My email validation script looks like so:

PSUEDOCODE

```
VARIABLE Empty Email = Contact form Email Input
```

```
VARIABLE Empty Name = Contact form Name Input
```

```
VARIABLE Empty Content = Contact form Content input
```

```
IF Empty Email or Empty Name or Empty Content = " " or null THEN
```

```
    ALERT "Please fill all fields"
```

```
    RETURN FALSE
```

```
ELSE
```

```
    ALERT "Submitted"
```

```
    RETURN TRUE
```

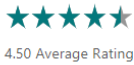
This will check if any of the required fields are empty and if they are, it will not let the form be submitted.

Design Feedback

1. How would you rate the overall design of the site. (0 point)

[More Details](#)

8
Responses



2. If there is anything to improve, what would you improve. (0 point)

[More Details](#)

8
Responses

Latest Responses
"I wouldn't improve anything"
"N/A"
"a generally appropriate website, no improvements needed."

3. Is the website consistent across all the pages (0 point)

[More Details](#)



4. Do you think there is too much media and content (0 point)

[More Details](#)



5. If yes, what would you change (0 point)

[More Details](#)

4
Responses

Latest Responses
"Nothing "
"N/A"

6. Is the site informative about the charity (0 point)

[More Details](#)



7. If no, what would you add or change (0 point)

[More Details](#)

4
Responses

Latest Responses
"Nothing"
"N/A"

8. How would you rate each page design, 1 = low, 5 = high (0 point)

[More Details](#)

1 2 3 4 5

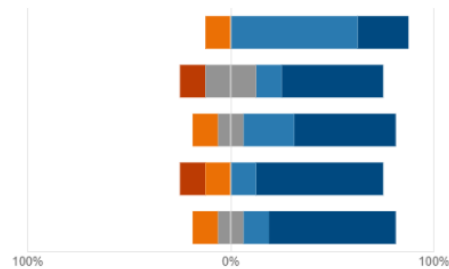
Storyboard

Page 1

Page 2

Page 3

Page 4



9. Is it easy to navigate? (0 point)

[More Details](#)

Yes 7
No 1



10. If no, how would you improve it? (0 point)

[More Details](#)

3
Responses

Latest Responses
"Maybe make it more clearer"
"N/A"

This is the feedback I received from my peers. Although it does not have clear feedback regarding changes, there are some I have identified that need to be made and I will add those in, while mentioning them below. Following that, I will add an evaluation of my changes and why/how it improves and changes my site

Changes

These are some of the changes that I made during the production of my website.

Btn.form in home page

I moved the button for the contact form to the bottom of the page as this looked nicer and was easier to implement.

Contact form

I added a contact form page, which upped my total pages to a number of 6. I added this because I realised that in order to fulfil all the criteria, I was required to set this up, and I also added javascript alerts to validate whether the user has filled in all the required fields.

Hex update

I changed the background colour of my site to closer match the Strays Meet Holland original site that I am raising awareness for. This is to try and stay consistent across the sites in order to provide a stronger connection and a more professional feel for the site. The new Hex code is #d1c69b which has a slightly darker shade.



Font sizing update

My font sizing has also changed quite regularly, and currently most of the text on my pages sits at around 20px, as opposed to the 12px that I had originally chose. This is because once I started developing my page, it came to my attention that 12px was far too small and only worked on my word document, but not my website. The aim of this change was to make my text more readable.

Slight adjustments on home page

On my home page, the position of my text and image on the top also flipped positions as I thought this would look nicer, and it would remain consistent with my information page, page 3, which would look more professional.

JavaScript comments on saved animals (page 2)

To implement my image carousel in my page I used JavaScript to create a script which has a function that I call at the start of it, and then wrote the rest of my script below it.

It declares two variables, “i” and “slides”, and assigns my slideshowImg class to “slides” using `document.getElementsByClassName(“slideshowImg”)`

From there it starts a for loop where it declares “i” as 0, and checks if it is shorter than the slide length, and adds 1 if it is, and then sets the display to none so it disappears.

After running this, it adds one to “slideIndex” and then checks if slide index is larger than slides.length. From here it changes the display type to block so it shows the image and adds a timeout before the code runs again in order to achieve the waiting time.

JavaScript validation for contact form

As mentioned above, I have added a contact form to my website in which I added JavaScript validation that adds an alert asking users to fulfil all the required boxes and only allows users to submit once the necessary boxes are fulfilled. Furthermore, it adds an alert that lets the user know the form was submitted successfully.

Evaluation of changes

Overall, I believe that each of the changes I have added improve my website in diverse ways, from making it more readable, to adding a whole page which allows the user to contact through a form.

These quality-of-life changes and general improvements of the site are well justified by themselves; however, I will also add some notes regarding them.

Contact form button

The change of location for the contact form button makes it able to stand out more without seeming insignificant as it might when pushed into the corner on the side. In addition to this, the bright colours of the button bring the users attention to it and alert them that they have the option of this contact form.

Contact form

The contact form was added to the site as it allowed for users to contact the site owner as required in the specification, and with the extra validation I also think this makes a great addition to the page, enhancing the users experience and allowing them to make request or comments to the email the contact form is linked to

Hex update

This change was made in order to add a greater similarity to the original site that the colours of mine are based on, and also in order to add a greater contrast to the text and provide better accessibility features.

Font sizing update

For my font, I decided to increase the size as the original size I had chosen was only large inside of the word document, and this change increased the readability of my website, along with the accessibility due to the larger text which makes it easier for users with worse eyesight to read. This change therefore improved my site and helps to fulfil the criteria.

Home page adjustments

These changes are minimal however they help to provide consistency and therefore I believe it is justified to do so as it allows for a smoother experience across the different webpages, improving my site from the design.

JavaScript slideshow

The JavaScript slideshow I have in my website helps to display different images of animals the charity has saved, adding more media content that does not overload the user as it all remains in the same place. Furthermore, it also fulfils the criteria of the assignment and is different from my design as I was not sure at the time what kind of scripts we were going to add and what was possible for me to create.

JavaScript validation for contact form

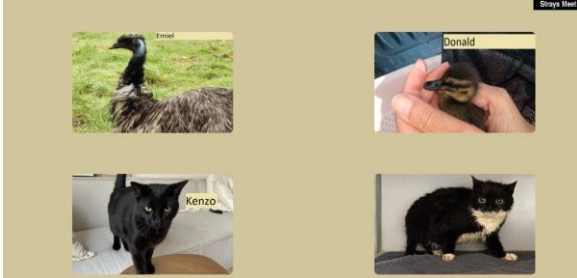
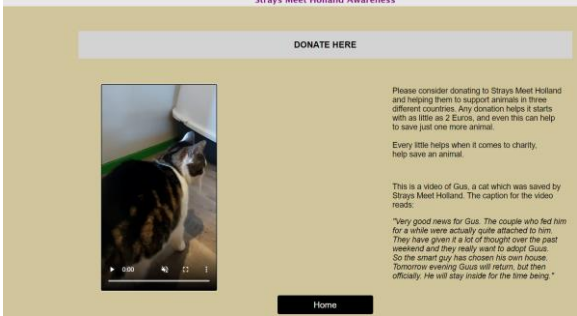
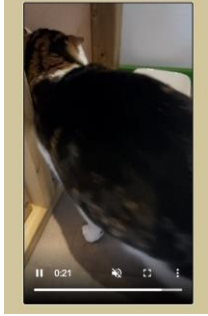
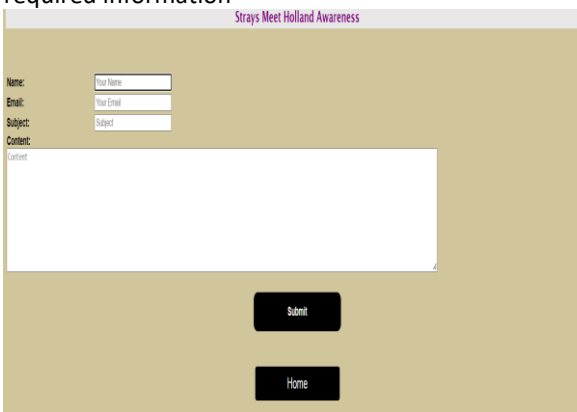
The JavaScript validation for the contact form that I added adds an extra element to my website which was not previously mentioned in the design. By checking whether the user had filled out the required forms for submission and providing an alert depending on whether they had filled out which helps the user to know whether they had successfully

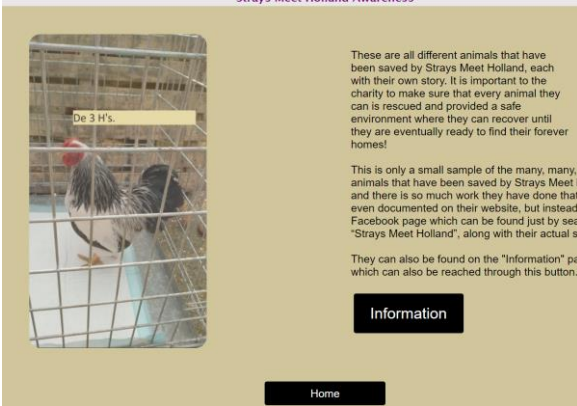
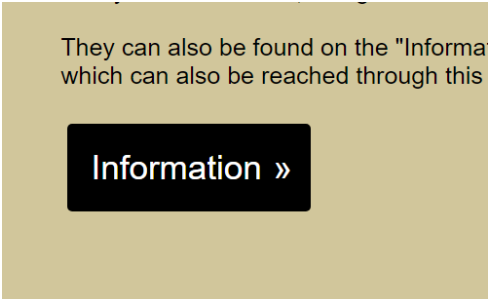
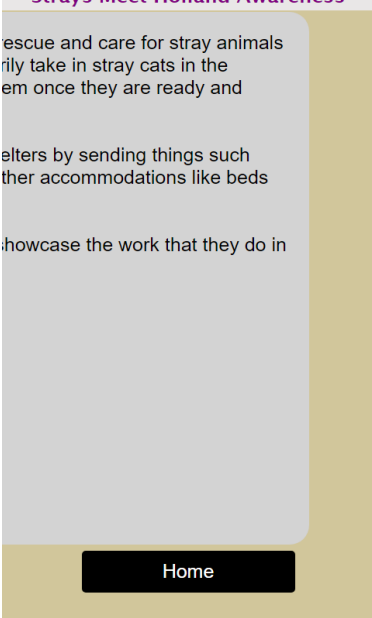
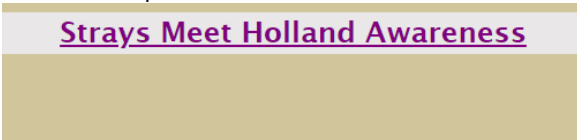
submitted the contact form or not. This extra validation provides great increase to quality of life in my website and overall helps to improve the user's experience.

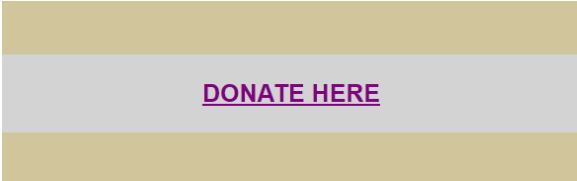
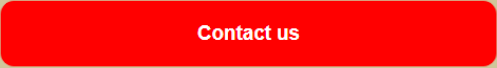


Scripts

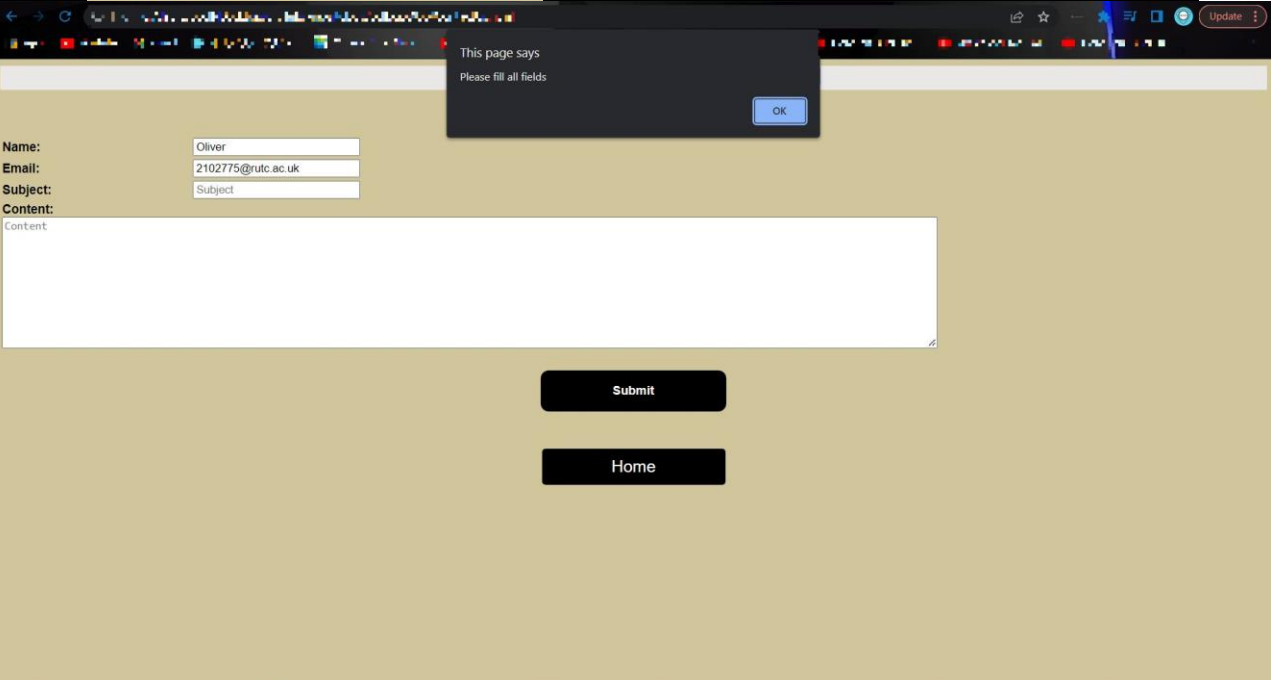
Previously in my design I did not include any scripts as I had no understanding of what they were and how I was going to incorporate them into my website. After having spent time working on my website and learning about scripts, I was able to introduce two different scripts into my site.

Testing

Test #	Description	Expected Results	Actual Results	Comments
1	<p>The 4 images on the home page lead to the 4 separate pages</p> 	Pass	Pass	Leads to the 4 respective pages
2	<p>The video will play on the donate page</p> 	Pass	Pass	<p>The video plays</p> 
3	<p>The contact form will not submit due to lack of required information</p> 	Pass	Pass	Form does not submit. See image below

4	<p>The image carousel will change images every few seconds</p> 	Pass	Pass	Images change
5	<p>Information button takes user to information page</p> 	Pass	Pass	Loads information page
6	<p>Home page will load from home button</p> 	Pass	Pass	Home page loads from the button
7	<p>Home page will load when clicking on the purple text at the top</p> 	Pass	Pass	Loads home page successfully

8	Donate here button loads donation page for official charity 	Pass	Pass	Leads to external site of donation page
9	Contact us button dims on hover and when clicked on is smaller for effect 	Pass	Pass	Button dims and gets smaller on click. See image below
10	Hovering over images on home page menu gives text displaying what the page is about and makes the image go white slightly/transparent 	Pass	Pass	Image goes slightly transparent, and text appears 



This page says
Please fill all fields

OK

Name:

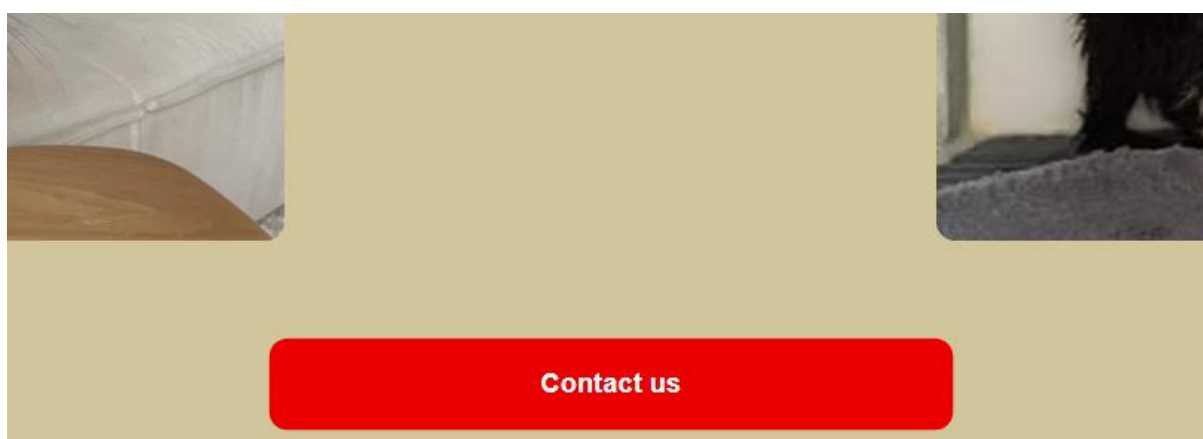
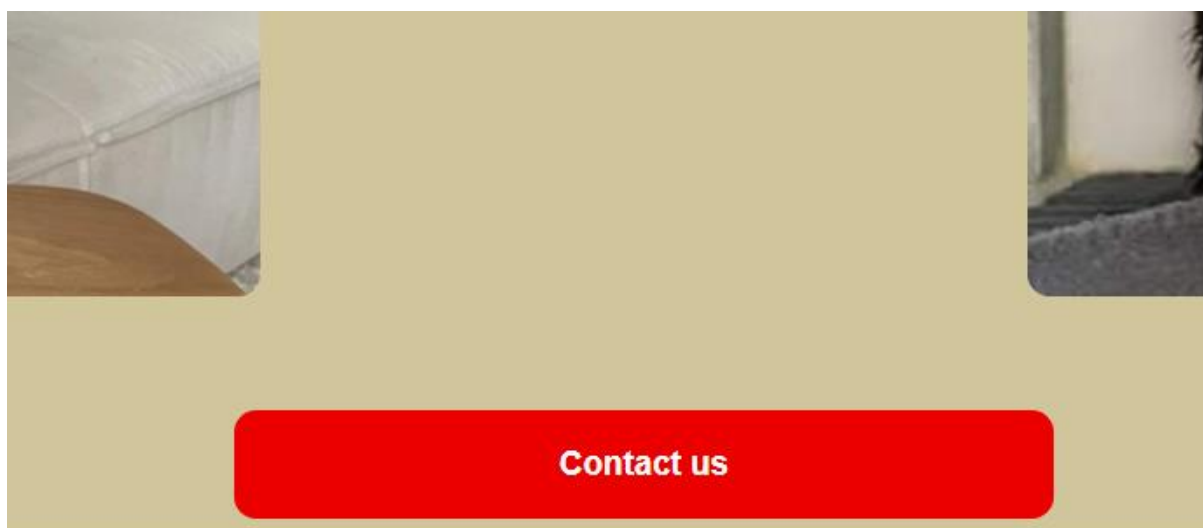
Email:

Subject:

Content:

Submit

Home



Website Feedback

1. What is your opinion of the website? (0 point)

[More Details](#)

9
Responses

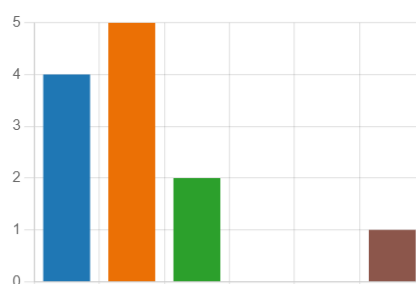
Latest Responses

"It looks clear and consistent "
"Well formatted and simple enough to navigate"
"Amazing"

2. What was your favourite page (0 point)

[More Details](#)

Home	4
Saved Animals	5
Information	2
Certification	0
Donate	0
Contact Us	1



3. Why? (0 point)

[More Details](#)

9
Responses

Latest Responses
"Because it wasn't too complicated "
"Bias towards animals"
"Due to its simplicity"

4. How would you rate the aesthetic of the site? (1 Low 5 High) (0 point)

[More Details](#)

9
Responses

4.00
Average Number

5. What was your favourite part of the site? (0 point)

[More Details](#)

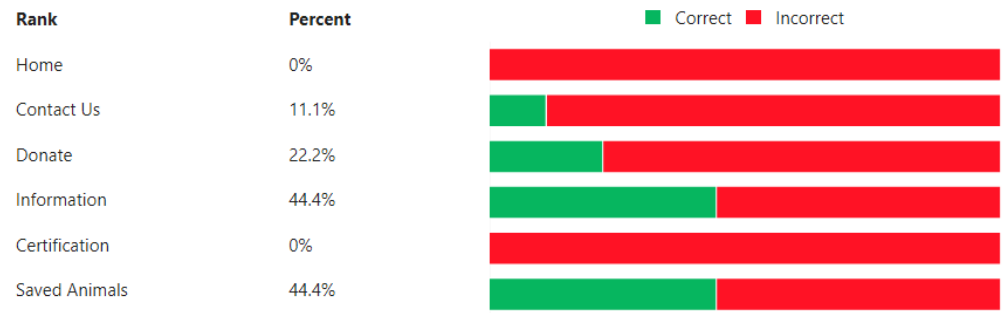
9
Responses

Latest Responses
"The animations "
"The donation feature which directs you to the official donation site"
"The transitions"

6. What was the most appealing page (Top most appealing) (0 point)

0% of respondents (0 of 9) answered this question correctly.

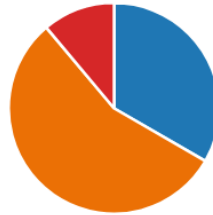
[More Details](#)



7. What did you think of the media? (0 point)

[More Details](#)

● Good	3
● Okay	5
● Bad	0
● Too much	1



8. How would you rate the overall site (0 point)

[More Details](#)

9
Responses

7.44
Average Number

9. What would you improve?

9 Responses

ID ↑	Name	Responses
1	George Evans	Centralize the contact us form and make it so middle click opens contact form.
2	Tamas Tokics	n/a
3	Raul-Alberto Prisecaru	Design of content.
4	Milad Karimi	nothing
5	Luka Radosavljevic	less info
6	Tudor Bejan	no improvements
7	Matthew Deloughery	Add a social media box rather than words with link on them
8	Ali Abed	The colour scheme could be brighter
9	Ahmed Ahmed	The form needs to be more in the center

9. What would you improve? (0 point)

[More Details](#)

9
Responses

Latest Responses

"The form needs to be more in the center"

"The colour scheme could be brighter"

"Add a social media box rather than words with link on them"

10. Is there anything else you would add? (0 point)

[More Details](#)

9
Responses

Latest Responses

"No"

"No"

"Nope"

Optimisation

Based on the feedback I have received the primary change I will make is to centre the form on my page. I currently prefer the way that the social media text appears, and I will not be changing it. Furthermore, the colour scheme being the way it is, is a crucial part of my design as it directly ties into Strays Meet Hollands original website which this one was developed around to be similar yet different.

Strays Meet Holland Awareness

Name:

Email:

Subject:

Content:

Submit

Home

(Old)

Here is the new and improved design of the website, which is different to what it was before here.

Strays Meet Holland Awareness

Name:

Email:

Subject:

Content:

(New)

Through this I have successfully optimised my website to align better with my original vision and increase the chance of users visiting/revisiting the website in the future with the design. Because of this, users are also more likely to use the contact form in the future with any queries they might have, which is a good thing for the activity of my site.

Evaluation and review

After having optimised my website to meet the client requirements and enhancing it based on my design, I will now be going to evaluate my website and assignments based on how well it achieves the client requirements and what I have noticed and achieved myself.

I will be first checking against my client requirements:

- At least 5 pages
- Feature an image carousel
- Social media integration
- Suitable images and text
- At least 1 video
- Use scripts in at least 1 way

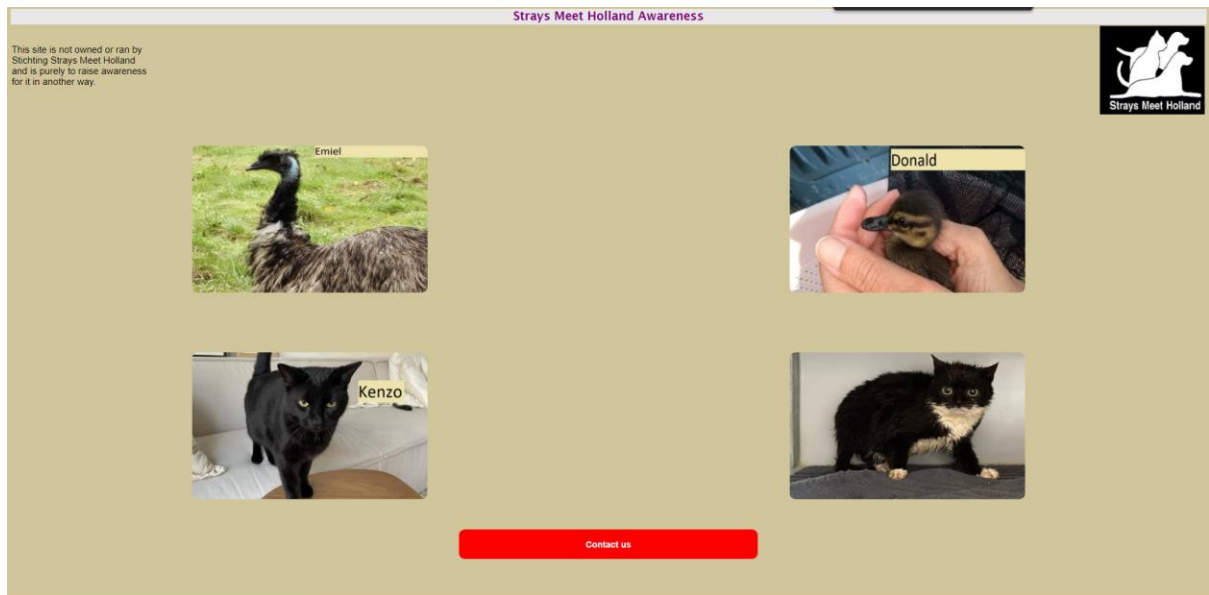
Criteria and client requirements

At least 5 pages

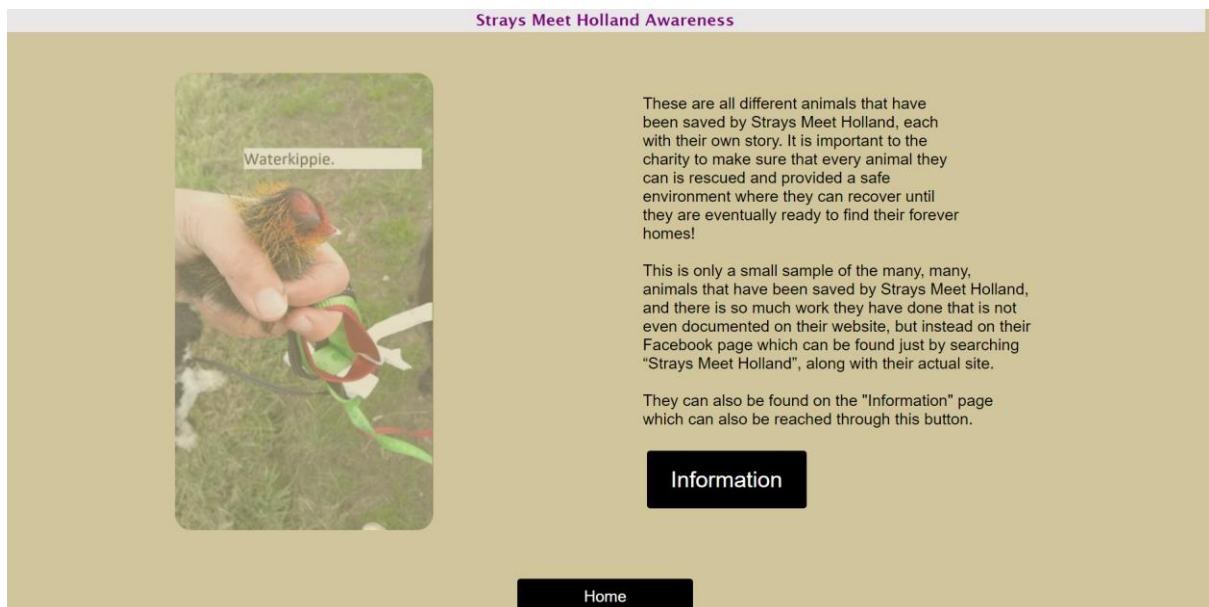
Over the course of the last few months, I have developed 6 pages for my website:

- Home
- Saved Animals
- Information
- Certification
- Donate
- Contact Us

All shown below.



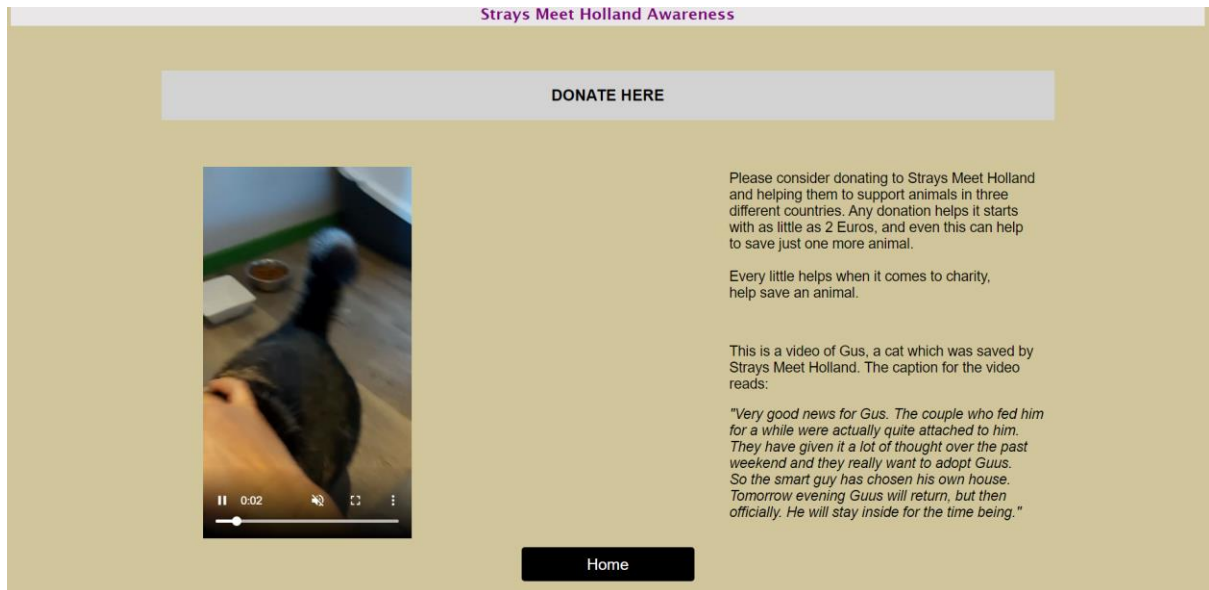
(Home)



(Saved Animals)

(Information)

(Certification)



(Donate)



(Contact Us)

This has therefore met the client requirements of at least 5 pages for my website. I believe that adding an extra page helps to go beyond what the client requirements originally asked for and therefore demonstrates individual responsibility, creativity, and effective time/self-management through the development of my website.

Image Carousel

I have included an image carousel on my "Saved Animals" page, as seen below.



These are all different animals that have been saved by Strays Meet Holland, each with their own story. It is important to the charity to make sure that every animal they can is rescued and provided a safe environment where they can recover until they are eventually ready to find their forever homes!

This is only a small sample of the many, many, animals that have been saved by Strays Meet Holland, and there is so much work they have done that is not even documented on their website, but instead on their Facebook page which can be found just by searching "Strays Meet Holland", along with their actual site.

They can also be found on the "Information" page which can also be reached through this button.

Information

Home

C: > Users > ocoll > Desktop > gitHub > websiteDev > collegeWeb > Scripts > JS slideshowImages.js > ...

```
1  let slideIndex = 0;
2  showSlides();
3
4
5  function showSlides(n){
6      let i;
7      let slides = document.getElementsByClassName("slideshowImg");
8
9      for (i = 0; i < slides.length; i++){
10         slides[i].style.display = "none";
11     }
12
13     slideIndex++;
14     if(slideIndex > slides.length) {slideIndex = 1}
15     slides[slideIndex-1].style.display = "block";
16     setTimeout(showSlides, 3000);
17 }
```

```

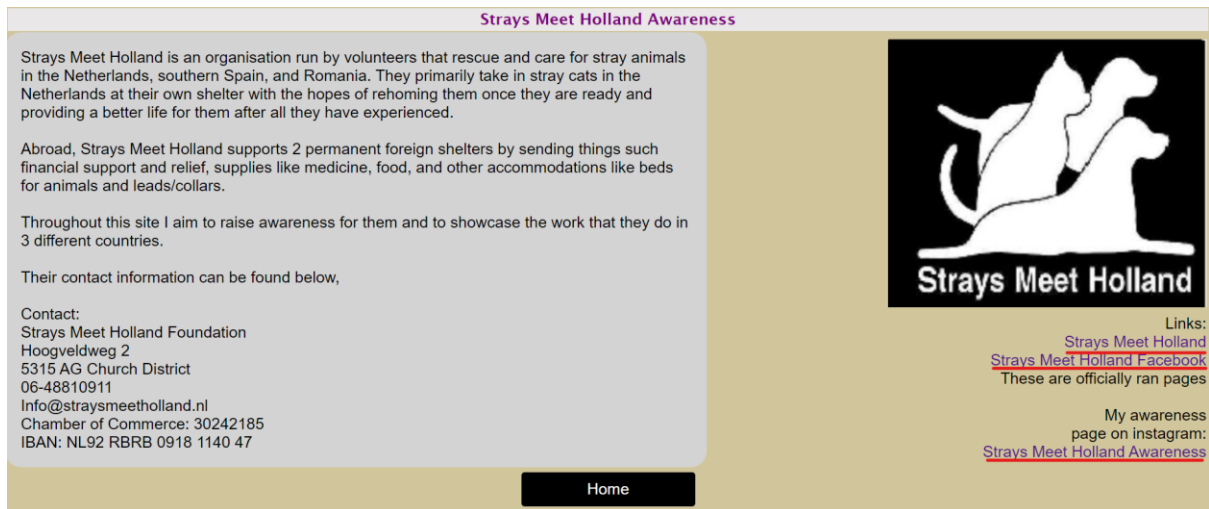
<table width="100%" border="0" cellpadding="50px">
  <tbody>
    <tr>
      <div class="containerSlideshow">
        <td>
          <center>
            <div class="slideshowImg fade">
              
            </div>
            <div class="slideshowImg fade">
              
            </div>
            <div class="slideshowImg fade">
              
            </div>
            <div class="slideshowImg fade">
              
            </div>
          </center>
        </td>
      </div>
    </tr>
  </tbody>
</table>

```

This the website, script, and html for my image carousel. I have also made sure to include alt text for each of the images that accurately describes the image in order to ensure that I have as many accessibility features as I can have with the limited time I have for design and development alongside learning how to make a website for the first time. Based on this and the client requirements, I would say that the image carousel along with the accessibility features fulfils any requirements that the client might have had regarding the image carousel.

Social Media integration

I have added links to the relevant social media accounts that the website is linked to in order to increase activity and user interaction with various parts of the site.

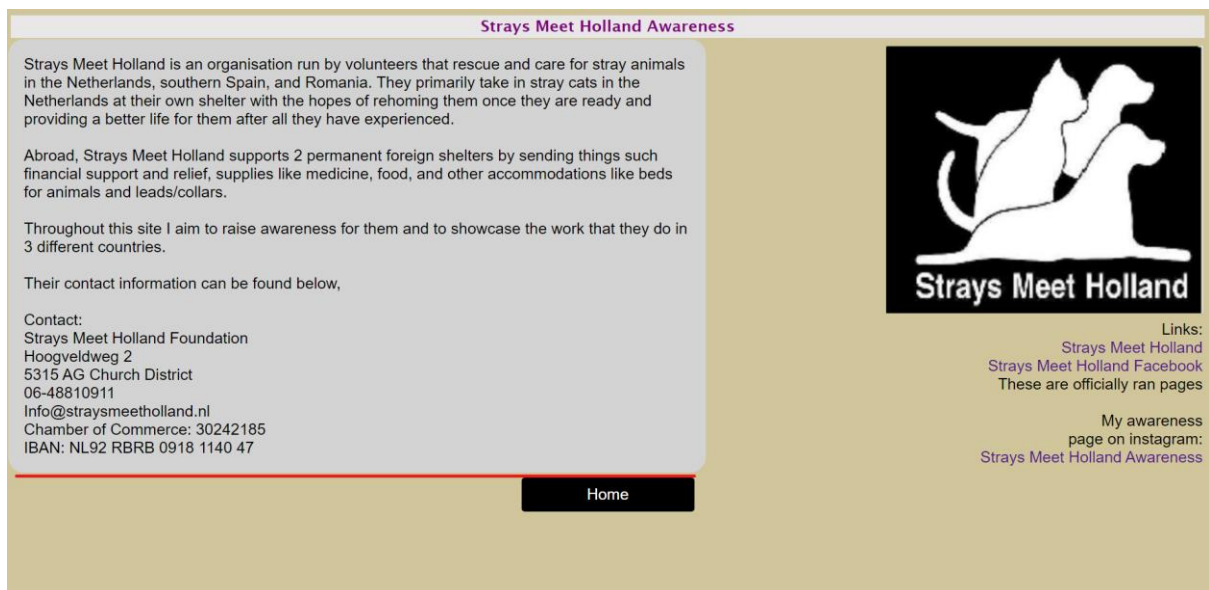


This allows for more interaction between the user and the website, and this meets the mentioned criteria and client requirements effectively.

Images and text

I have included many images and text throughout my site to ensure that I have enough content to fill out the website and meet the client requirements.

Some examples include:



This site is not owned or ran by Stichting Strays Meet Holland and is purely to raise awareness for it in another way.



Emiel



Donald



Kenzo



Contact us



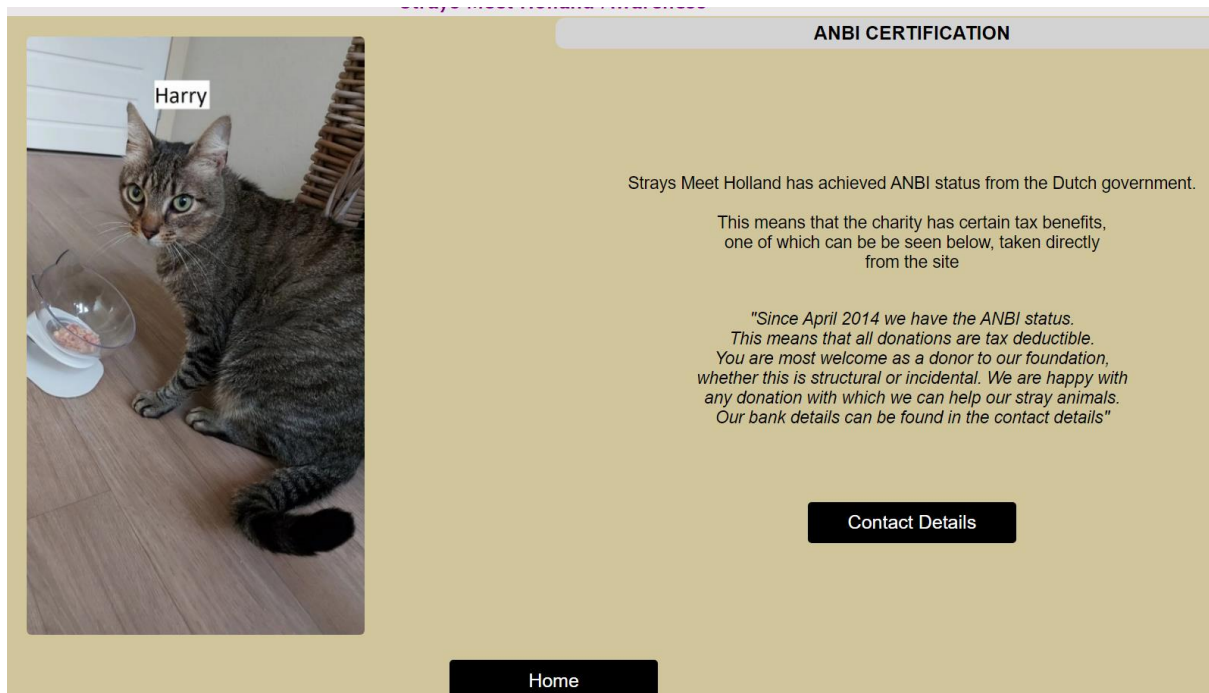
Bibi

These are all different animals that have been saved by Strays Meet Holland, each with their own story. It is important to the charity to make sure that every animal they can is rescued and provided a safe environment where they can recover until they are eventually ready to find their forever homes!

This is only a small sample of the many, many, animals that have been saved by Strays Meet Holland, and there is so much work they have done that is not even documented on their website, but instead on their Facebook page which can be found just by searching "Strays Meet Holland", along with their actual site.

They can also be found on the "Information" page which can also be reached through this button.

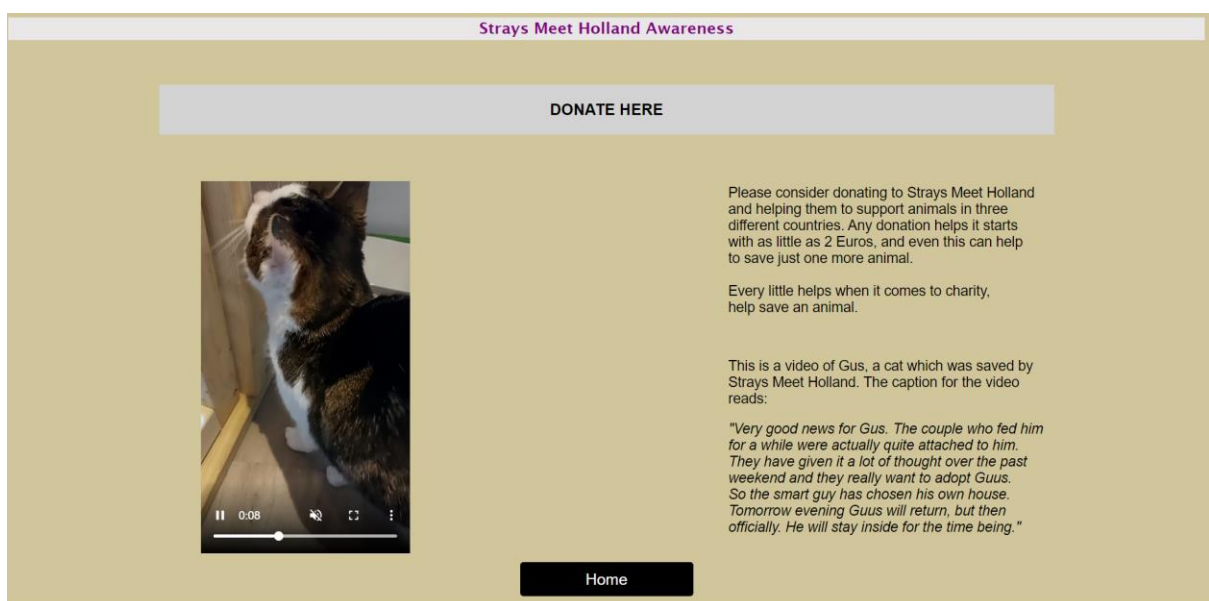
Information



These examples clearly indicate that this assignment meets the client requirements for images and text, while demonstrating individuality and creativity with the variety of information, and therefore going beyond what was asked for the assignment.

Video

The website includes one video that automatically plays muted when the user opens the page it is in, as a way to catch the attention of the user and keep them engaged with the website. Furthermore, the use of an animal for the video also helps to gain users sympathy and therefore has a higher chance of them revisiting or recommending the site to others.



```

<div class="row">
  <table border="0" width="50%">
    <tr>
      <td>
        <div style="text-align: center">
          <video
            controls
            width="35%"
            autoplay
            muted
            alt="Video of rescued cat from Strays Meet Holland Facebook"
          >
            <source src="Videos/gusCat.mp4" type="video/mp4" />
          </video>
        </div>
      </td>
    </tr>
  </table>

```

Here the website and html both display how the video plays and starts muted in order to enable automatic playing. Including a video and ensuring it is playing automatically not only meets the client criteria, but also goes the extra mile to ensure the video reaches all audiences when it plays.

Scripts

Finally, there are two scripts that are used in my website. One is used for the image carousel, and another is used for contact form validation, on top of the contact forms validation.



Waterkippie.

These are all different animals that have been saved by Strays Meet Holland, each with their own story. It is important to the charity to make sure that every animal they can is rescued and provided a safe environment where they can recover until they are eventually ready to find their forever homes!

This is only a small sample of the many, many, animals that have been saved by Strays Meet Holland, and there is so much work they have done that is not even documented on their website, but instead on their Facebook page which can be found just by searching "Strays Meet Holland", along with their actual site.

They can also be found on the "Information" page which can also be reached through this button.

[Information](#)


```

Scripts > JS slideshowImages.js > ...
1  let slideIndex = 0;
2  showSlides();
3
4
5  function showSlides(n){
6      let i;
7      let slides = document.getElementsByClassName("slideshowImg");
8
9      for (i = 0; i < slides.length; i++){
10         slides[i].style.display = "none";
11     }
12
13     slideIndex++;
14     if(slideIndex > slides.length) {slideIndex = 1}
15     slides[slideIndex-1].style.display = "block";
16     setTimeout(showSlides, 3000);
17 }
18

```

The screenshot shows a web browser window with a contact form. The form has four input fields: 'Your Name', 'Your Email', 'Subject', and 'Content'. A modal alert box is overlaid on the form, displaying the message 'This page says Please fill all fields' with an 'OK' button. Below the form, there are two buttons: 'Submit' and 'Home'.

```

function requiredForm(){
    var emptyEmail = document.forms["ContactForm"]["Email"].value;
    var emptyName = document.forms["ContactForm"]["Name"].value;
    var emptyContent = document.forms["ContactForm"]["ContentArea"].value;
    if (emptyEmail == ""){
        alert("Please fill all fields");
        return false;
    }
    else if (emptyName == ""){
        alert("Please fill all fields");
        return false;
    }
    else if (emptyContent == ""){
        alert("Please fill all fields");
        return false;
    }
    else{
        alert("Submitted");
        return true;
    }
}

```

Through this use of not one, but two scripts, this has exceeded the necessary criteria and client requirements of at least one script, and therefore helps to make the website much more interactive and interesting. Furthermore, due to the nature of scripting and having no previous experience, alongside learning html and all the other assignments I also had to manage, this clearly demonstrates individual learning and self-discipline and self-management in a manner that is not mentioned in the assignment brief.

Purpose and target audience

Considering the purpose of the website, to create a space to raise awareness for Strays Meet Holland, and the target audience of the site, primarily pet owners but also anyone with a pet, I believe that this website has met all the criteria and client requirements, as well as the originally stated purpose, while also maintaining the interest of my pre-chosen target audience during development. The final product of my website meets all of these goals that I set at the start of the assignment a few months ago, and during development I did not lose sight of these as I pushed forward with my website. Due to the purpose of the website being a space to raise awareness, I believe that I achieved the purpose of the website, and that it appeals well to the target audience that I decided on at the start of my assignment.

Conclusion

I believe that my website and design fulfilled all the client requirements throughout the duration of development and the assignment, while also allowing me to demonstrate individual skills I had developed and taught myself, along with effective time and self-management. This assignment has successfully achieved all of the requirements set by me and the client and has been an invaluable experience for myself. In the future if I was to do this again, I would spend more time working on scripting and developing features to make my website more interactive for users.