

WEB TECHNOLOGY COURSEWORK



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CD4003

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Task 1: The Case Study

I will be building a website for the Harrow Council to promote bike rentals as part of their 0 Carbon Emission scheme. The requirement for this project is to develop an interactive, user-friendly website that informs users of the Council's zero-emission scheme, which includes a borough wide bicycle rental scheme, similar to the 'Boris Bike' initiative implemented 3 years ago.



As a result of a census conducted in 2011, the Harrow Council are targeting people of all ages and backgrounds to start cycling as much as they can, instead of taking a car. To date, they have implemented over 20 cycle lanes in and around the borough, as well as providing community training on how to cycle safely on the roads. The economics and environmental challenges that London faces require significant changes to the way people live and carry out their daily lives. Recent demographic projections suggest that the population of the North West London region is set to grow over the next 20 years, reaching 1.6 million in 2031. As population rapidly increases, traffic volumes are likely to grow, significantly impacting the air pollution. This is supplemented by overcrowding on public transport which will continue to worsen, hence relying more on gas and oil imports which are dependent on non-eco-friendly regimes.

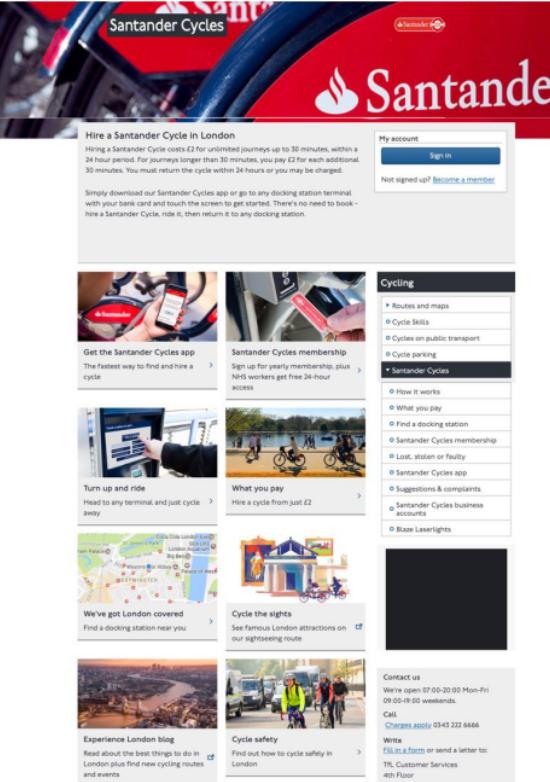
The council suggest placing Cycle Hubs across the sub-region where you pay £2 to access the bikes for 24 hours, and costs an extra £2 for every half an hour after. The website will be designed to clearly show:

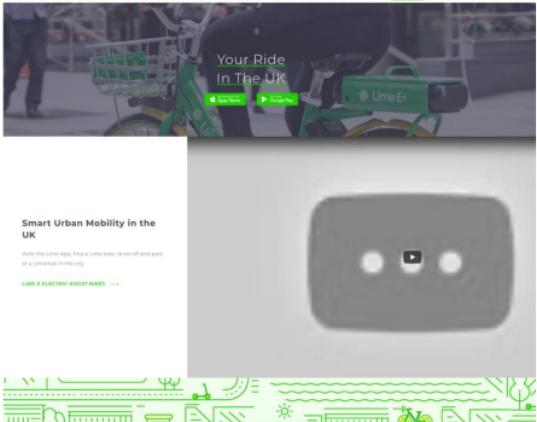
- What the Harrow Council's new scheme is
- Why it's important
- Different bike training courses that are available and how to apply
- Location of the Cycle Hubs and how it works.

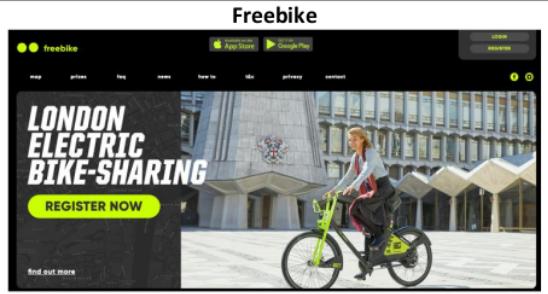
Why use a website to promote this initiative?

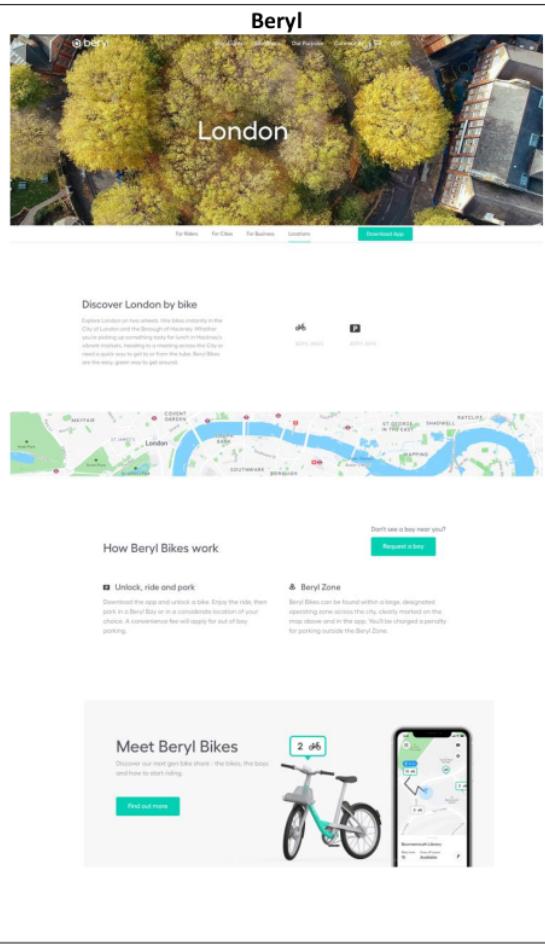
With an increase in people using the Internet, especially during COVID-19, the best way to promote this new initiative would be via a website, where it is easily available to everyone across all ages. This will be the central hub for information regarding the scheme and from thereon, hope that cycling will be the norm for transport around the borough. The website can be accessed via any device, wherever you are, and it is known that a strong, interactive website can influence people's decisions and thoughts. A website has the power to do this more-so than other forms of promotion such as leaflets.

Task 2: Background Research

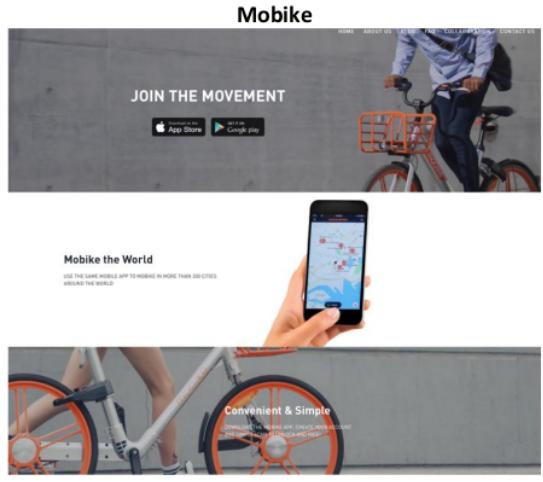
Website	Design	Usability	Function	Legal Requirements
Santander Bike 	On the landing screen of the website, we can see an immediate red and white colour scheme running throughout the page, representing the white and red Santander logo colours. It is obvious from the initial photo of the Santander Bike what this page is going to be about. All of the essential information is displayed on the screen or easily accessible by clicking on the 'squares'. It is obvious what these links are about due to the clear photo & heading.	The website is very easy to us, and all the links lead to where they said they would. There was no advanced English used hence suitable for all ages and tourists. The website is resizable, hence it can be easily read and used on devices of all sizes. The page isn't overloaded with information and makes it more attractive to use.	The website if functional and professional looking. It promotes the information it was designed to do. There weren't any advertisements or grammatical errors. The hyperlinks all worked and the navigation between the pages were smooth. When the page was opened on different browsers, it worked just as efficiently and smoothly. The sign in process was also very simple and fast.	This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information. This data is protected by GDPR. The photos and content available need to abide by Copyright regulations, and must include attribution to any work that's not theirs.

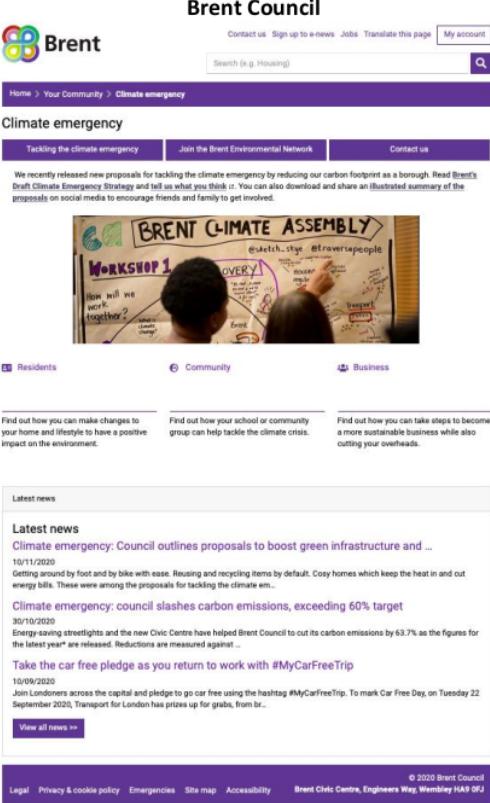
<p>Jump - Uber</p> <h3>Bikes</h3> <p>Find and rent an electric bike using your Uber app. Select the Bike and scooter view in the Uber app and enjoy the ride.</p> <p>Sign up to ride</p>  <p>The feeling of electric On-demand electric bikes that allow you to go further, get there faster and have more fun.</p> <p>Electric pedal-assisted Bikes are pedal-assist electric bikes: the harder you pedal, the faster you'll go.</p> <p>Ride safely. Ride smart. Follow traffic laws and park responsibly. We recommend that you always wear a helmet and watch your speed.</p> <p>How it works</p> <ul style="list-style-type: none"> Find a bike Open the Uber app, switch to the Bike and scooter view, reserve a nearby bike or simply walk up to the vehicle to get started. Start riding Scan the QR code on the bike to unlock it, then fully retract the cable lock and off you go. We recommend that you always wear a helmet. End the ride responsibly To end your trip, lock the bike using the cable lock on the back wheel. Always lock bikes out of the way of pathways and accessibility ramps, and park your bike in the correct area shown on your app. 	<p>When landing on the home page, we can see there is a very simple design, with a black and white colour scheme (Uber brand colours). It is obvious what the website is about due to the clear title, 'Bike' and the photo of a bicycle. A description of the service / product is laid out clearly and the 'How it works' section is presented in a way that makes it look very easy and accessible to find and rent a bike, which is attractive to users.</p>	<p>The website is very clear and easy to use. All the information is written in small paragraphs and in basic English. The 'Sign up to ride' button leads directly to a simple sign up interface, as it said it was going to. The website is also scalable, suitable for users who are viewing the page on different devices with varied screen sizes.</p>	<p>The website is very professional looking, it was well organised and easy to navigate. The site is searchable so the user can look up a specific feature / question. There are no broken links or missing images on the page which adds to the professionalism of the website. There's also no pop ups or adverts on the screen so it is very easy to use without any distractions.</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information, including the data collected when the user signs up. This data is protected by GDPR. The cartoon photo of the bicycle used needs to abide by Copyright rules.</p>
<p>Lime</p>  <p>Smart Urban Mobility in the UK With the Lime app, find a lime bike, drive off and park at a limecycle in the city. LIME & ELECTRIC ASSET SHARE</p>	<p>On the landing screen of the website, we can see an immediate green and white colour scheme running throughout the page, representing the Lime logo and the citrus fruit 'Lime'. It is obvious from the initial photo of the Lime bike what this page is going to be about. All of the essential information is displayed on the screen or easily accessible by the navigation bar.</p>	<p>This website is very easy to use and all the key information on how the service works, how to find a bike and how to keep safe is on the landing page. There is also a very clear navigation bar at the top. The page isn't overloaded with information hence making</p>	<p>This website is supposed to be a YouTube video to the right of the screen, however, it is displaying as unavailable. This ruins the professional look of the website leads to an error page when clicked on. All the links in the navigation bar work and lead to where they say they are going to. There</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information, including the data collected when the user signs up. This data is protected by GDPR. The photos,</p>

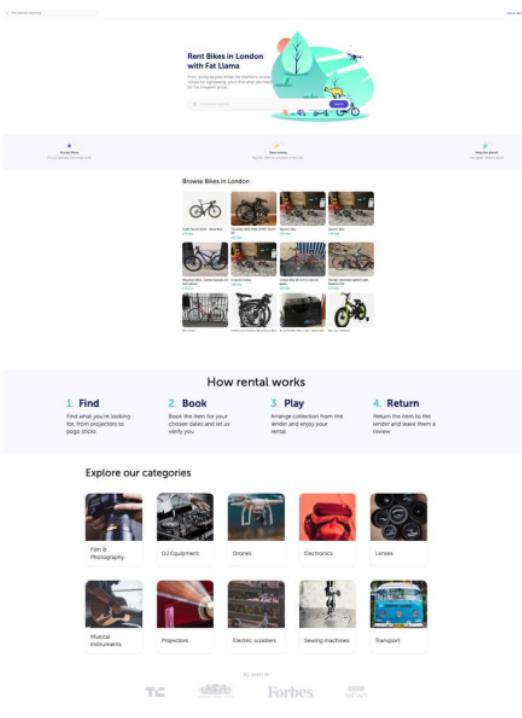
	<p>This website makes use of photos / icons to display the information alongside limited text. This makes it much easier for the user to see how the system works instead of reading the text and trying to visualise it that way.</p>	<p>it easy to navigate. For users using different devices with different screen sizes, the page is responsive.</p>	<p>are no adverts or irrelevant, distracting pop-ups that would hinder the experience for the user.</p>	<p>including the one of the man, need to abide by the Copyright regulations and the person in the photo needs to give Lime permission to use the photo.</p>
	<p>On the landing screen of the website, we can see an immediate black and lime colour scheme running throughout the page, representing the Freebike logo colours. It is obvious from the big photo of the bike what this page is going to be about. Unlike the other websites, not all the information is displayed on the home page. However, there are clear links to accessing this information via the navigation bar. The 'Register Now' button has a big font, drawing the user to click on the button, which is what the company want.</p>	<p>This website is very easy to use and all the buttons are very clear and accessible. There is also a very clear navigation bar at the top. The page isn't overloaded with information hence making it easy to navigate. For users using different devices with different screen sizes, the page is responsive.</p>	<p>The website is very professional looking, it was well organised and easy to navigate. The site is not searchable so the user cannot look up a specific feature / question. There are no broken links or missing images on the page which adds to the professionalism of the website and user experience. There's also no pop ups or adverts on the screen so it is very easy to use without any distractions.</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information, including the data collected when the user signs up. This data is protected by GDPR. The photos, including the one of the man, need to abide by the Copyright regulations and the person in the photo needs to give Freebike permission to use the photo.</p>

	<p>On the landing screen of the website, we can see an immediate bright and eco-friendly. It is not as obvious from the big photo of the trees what this page is going to be about unlike the other websites. All the information is displayed on the home page. However, there are clear links to accessing this information via the navigation bar. The 'Register a bay' button, 'Find out more' button and 'Download App' button has a green background which stands out, drawing the user to click on the buttons, which is what the company want.</p>	<p>This website is very easy to use and all the buttons are very clear and accessible. There is also a very clear navigation bar at the top. The page isn't overloaded with information hence making it easy to navigate. For users using different devices with different screen sizes, the page is responsive.</p>	<p>The website is very professional looking, it was well organised and easy to navigate. The site is not searchable so the user cannot look up a specific feature / question. There are no broken links or missing images on the page which adds to the professionalism of the website. There's also no pop ups or adverts on the screen so it is very easy to use without any distractions.</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. This data is protected by GDPR. The photos, including the one of the trees, need to abide by the Copyright regulations.</p>
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 <p>Brompton Bike Hire</p> <p>How it works Pricing Find a dock Hire News About us App Brompton Louver</p> <p>Made for commuting Made for work Made for offices Made for speed Made for leisure Made for travel Made for hire</p> <p>How it works Register Hire a Brompton</p> <p>REGISTER NOW Hire a bike</p> <p>Detailed information on how to sign up and use the scheme. Read more</p> <p>Choose a dock</p> <ul style="list-style-type: none"> 1 Manchester Piccadilly 2 Guildford 3 London - Ealing 4 Exeter St Davids 5 Bristol - Temple Meads 6 Oxford <p>Map</p>	<p>On the landing screen of the website, there is not a bright and friendly encounter like the other websites. A bright and clean bike rental page gives off an eco-friendly vibe. It is slightly obvious from the photo what this page is going to be about, but could be made more obvious from the photo . All the information is displayed on the home page.</p> <p>However, there are clear links to accessing this information via the navigation bar. The 'Register' button, 'Hire' button and 'Read more' button has a black background which stands out from the white background, drawing the user to click on the buttons, which is what the company want.</p>	<p>This website is very easy to use and is very user friendly. There is also a very clear navigation bar at the top with clear names to where the links lead to. The page isn't overloaded with information hence making it easy to navigate. For users using different devices with different screen sizes, the page is responsive.</p>	<p>The website is very professional looking, it was well organised and easy to navigate. The site is not searchable so the user cannot look up a specific feature / question. There are no broken links or missing images on the page which adds to the professionalism of the website. There's also no pop ups or adverts on the screen so it is very easy to use without any distractions. The map at the bottom of the page provides a google map interface, which is familiar to most users. The map is responsive to the filter section to the left of it.</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information, including the data collected when the user registers. This data is protected by GDPR. The photos need to abide by the Copyright regulations.</p>
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	<p>On the landing screen of the website, we can see an immediate orange and grey colour scheme running throughout the page, representing the colour of the bike so it's easier to identify on the street. It is obvious from the initial photo of the Orange bike what this page is going to be about. Not all of the essential information is displayed on the screen but is easily accessible by the navigation bar. This website makes use of photos to display the information alongside limited text. This makes it much easier for the user to see how the system works instead of reading the text and trying to visualise it that way.</p>	<p>This website is very easy to use and is very user friendly. There is also a very clear navigation bar at the top with clear names to where the links lead to. The page isn't overloaded with information hence making it easy to navigate and read. For users using different devices with different screen sizes, the page is responsive. The page is also visually appealing.</p>	<p>The website is very professional looking, it was well organised and easy to navigate. The site is not searchable so the user cannot look up a specific feature / question. There are no broken links or missing images on the page which adds to the professionalism of the website. There's also no pop ups or adverts on the screen so it is very easy to use without any distractions. The map at the bottom of the page provides a google map interface, which is familiar to most users. The slide show at the bottom also works perfectly.</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information. This data is protected by GDPR. The photos need to abide by the Copyright regulations, such as the background photo and header photo. The people in the photos need to agree to the company using the photo.</p>
	<p>This is the website for the Hillingdon Council. The webpage has a very simple design. It is a description of what the climate change issues are and what the council are doing to reach their carbon emission targets.</p>	<p>Due to the simplicity of the webpage, it is very easy to use as all the information is on that one specific web page. However, it is not very attractive to</p>	<p>The website is functional as it provides all the information it said it was going to. When clicking on the login button, it took 30 seconds to load and came up with an error. Once this went away, a</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information.</p>

<ul style="list-style-type: none"> Active measures to improve local air quality and deter people from leaving their vehicle engine idling, particularly around schools More ways to reduce the amount of plastic waste that ends up in landfill or as litter, such as through new drinking fountains in the borough's parks Urban greening initiatives and the planting of new trees across the borough, including offering 5,000 free saplings for residents to grow on their premises. <p>Leader of Hillington Council, Cllr Ray Puddifoot, said: "Climate change is one of the biggest challenges we are facing and we all have a role to play. We have to find ways to be more sustainable and energy efficient if we are to protect Hillington, its residents and our planet for future generations."</p> <p>"To meet these ambitious targets, the council is reviewing its services to look at new ways to be more efficient. Working with partners, suppliers and our communities, we can work together to make a difference."</p> <p>In recognising the environmental challenges ahead, Cllr Puddifoot has appointed a new-look Cabinet with the Environment and Climate Change at the forefront alongside enhanced member portfolios:</p> <ul style="list-style-type: none"> Cllr Jonathan Blanco becomes Deputy Leader of the Council following Cllr David Simmonds' election as MP for Ruislip, Northwood and Pinner. Cllr Blanco remains Cabinet Member for Finance, Property and Business Services Cllr Jane Palmer takes up the new position as Cabinet Member for Social Care, Health and Wellbeing Cllr Susan O'Brien becomes Cabinet Member for Education, Children and Youth Services <p>They join:</p> <ul style="list-style-type: none"> Cllr Philip Corriveau - Cabinet Member for Housing and the Environment Cllr Keith Burrows - Cabinet Member for Planning and Transportation Cllr Douglas Mills - Cabinet Member for Community, Commerce and Regeneration Cllr Richard Lewis - Cabinet Member for Central Services, Culture and Heritage 	<p>However, the web page doesn't look appealing at all. There is a lot of information and all the information is bullet pointed, making it uninteresting to read as it looks like a dump of information. They should look to adding more images, reducing some text and making it brighter and more interactive.</p>	<p>readers due to the amount of information on that one page and the plain style.</p>	<p>very basic login page was displayed.</p>	<p>relevant information. This data, as well as personal details when a user signs up, is protected by GDPR. The photo of the Tree needs to abide by the Copyright regulations.</p>
	<p>This website follows a clean, white and purple colour scheme throughout. It has a clear heading on what the webpage will be addressing. The information is nicely distributed throughout the page so it doesn't look like a clutter of information. The main points are displayed on the main page, with very clear links to accessing further information.</p>	<p>This website is very easy to use and is very user friendly. There is also a very clear navigation bar at the top with clear names to where the links lead to. The page isn't overloaded with information hence making it easy to navigate and read. For users using different devices with different screen sizes, the page is responsive. The page is also visually appealing.</p>	<p>The website is very professional looking, it was well organised and easy to navigate. The site is searchable so the user can look up a specific feature / question. There are no broken links or missing images on the page which adds to the professionalism of the website. There's also no pop ups or adverts on the screen so it is very easy to use without any distractions.</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information. This data, as well as personal details when a user registers and account, is protected by GDPR. The photos used on the website needs to abide by Copyright regulations and the people in the photo need to give</p>

				permission for the council to use.
Fat Llama	 <p>The landing screen of the website, we can see an immediate bright and eco-friendly. The header clearly displays what the website is going to be about, 'Rent Bikes in London with Fat Llama'. All the information is displayed on the home page, including how the rental system works. However, there are also clear links to access further information via links further down the page. There is no distinct navigation bar, other than being able to 'List an item' and 'Login or Sign up'.</p>	<p>This website is very easy to use and all the buttons are very clear and accessible. All the information is displayed clearly with defined links throughout the page to access more information. The page isn't overloaded with information hence making it easy to navigate. For users using different devices with different screen sizes, the page is responsive.</p>	<p>The website is very professional looking, it was well organised and easy to navigate. The site is searchable so the user can look up a specific feature / question. There are no broken links or missing images on the page which adds to the professionalism of the website. There's also no pop ups or adverts on the screen so it is very easy to use without any distractions</p>	<p>This website needed to post a privacy policy, which was the first thing that came up when I clicked on the website. They are also only allowed to collect specific / relevant information. This data, as well as personal details when a user registers and account, is protected by GDPR. The photos used on the website needs to abide by Copyright regulations.</p>

Summary

Overall, we can see a common theme that runs through the majority of these websites. They all have a clean layout and uses colours that reflect the company's colours. It is also obvious from the title and the main heading photo used what the website is going to be able, making it clear to user. The most effective websites made use of icons and photos to display what their information, complimented by small amounts of information around it, making it easier for the user to read and understand. The better websites displayed all the key information on the landing page, with clear links to further details throughout the page and the navigation bar. Or, they displayed a summary of the information on the landing page which clean, clear and interactive links to further information.

Some of the websites used a dark colour theme, which I feel doesn't give off the correct impression on bike rentals or promoting cycling. The pages that used bright, simple and eco-friendly themed colours were the most attractive and will keep the user more engaged.

Making sure all the links, photos and videos on the website are working is key to the professionalism and usability of the website. The user would be annoyed if they are trying to click on a link, or sign up and the website freezes, or the webpage doesn't load.

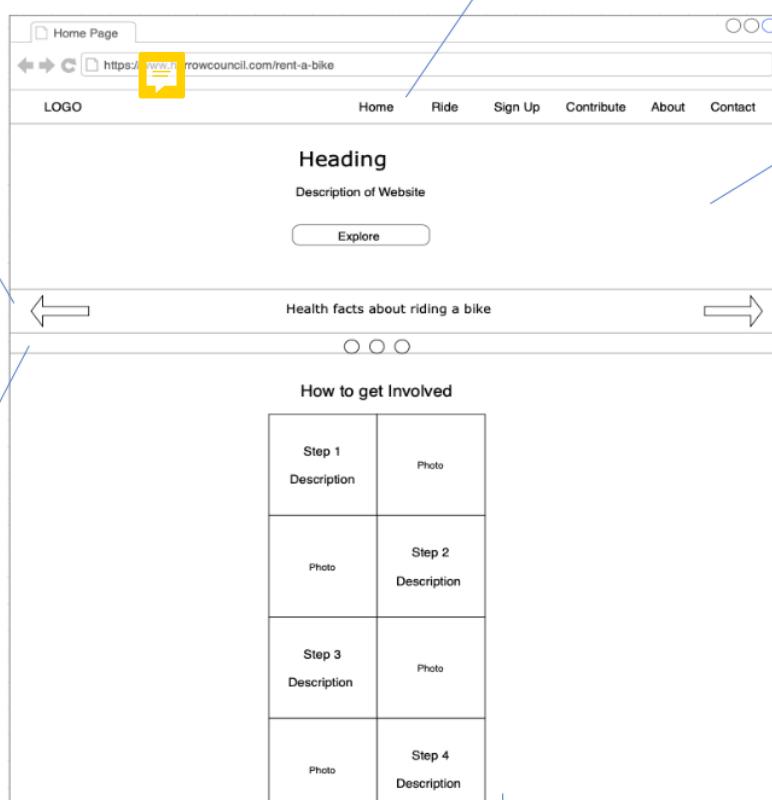
Task 3: Page design

Home Page

Section 2: This is a much smaller section that will display 3 facts and quotes about the health benefits of riding a bike in a slide show manner. This is used to add a layer of interaction with the user, keeping them engaged and wanting to read more about the benefits of cycling, henceforth wanting to cycle themselves.

Section 2: These 3 buttons are part of the slide show, showing what quote number is being displayed. You can also click on this to go to the corresponding quote (1,2 or 3). The background for this will also follow the green theme.

Navigation Bar: On loading, the navigation bar will 'swipe in' from right to left. It will have no separate background and the colour of the words will be consistent, and contrasting to the section background so it is easy for the user to see and read. You are able to access all the other pages via the navigation bar.

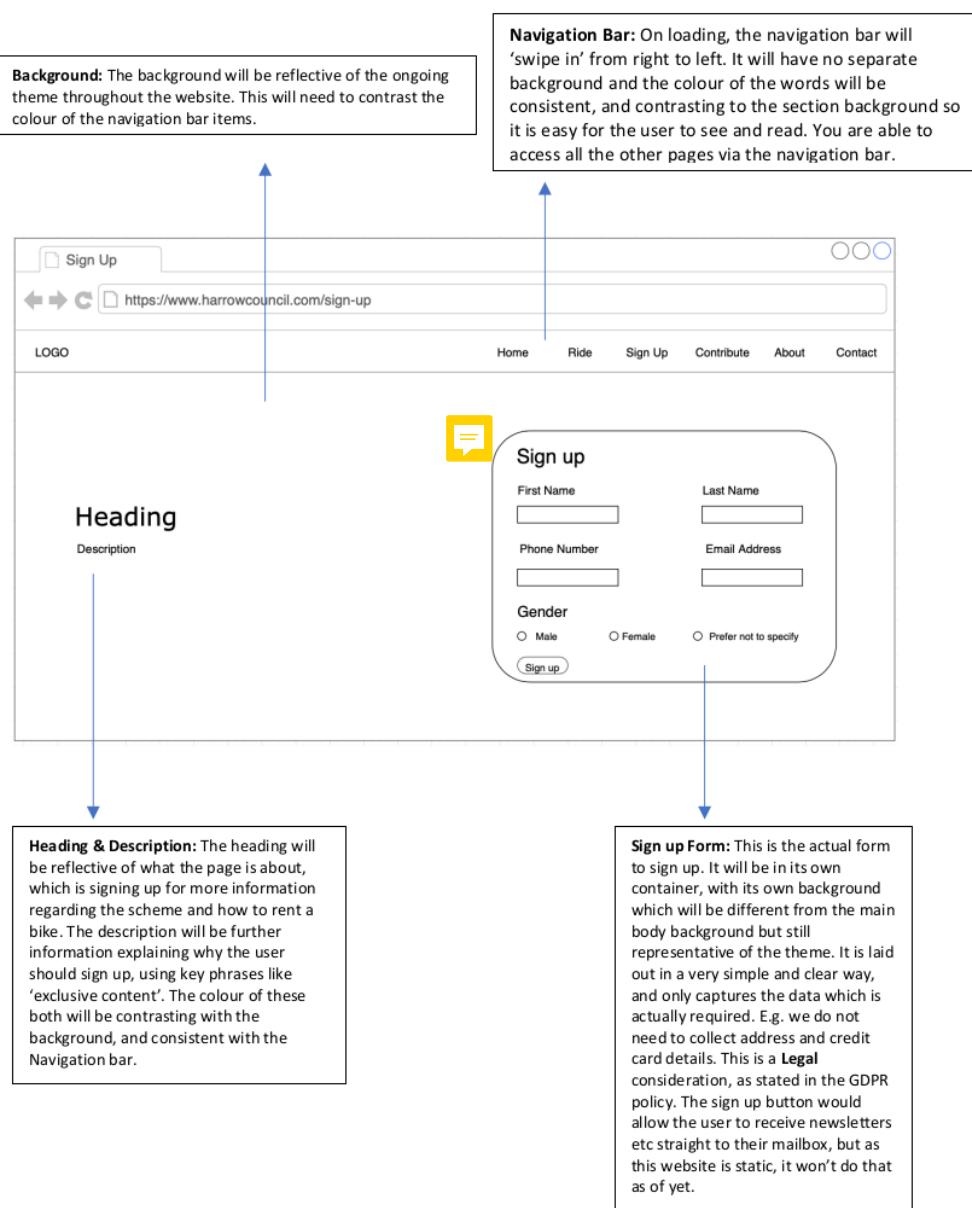


Section 1: This section will have a bright background that reflects the theme of the website, which is promoting zero-carbon emissions and bike riding. This section will also contain the main header to distinctly tell people what the website is going to be about, as well as a description of the website and the ability to explore more. Again, the colours used for the words will be contrasting from the background, but still keep to the green, environmental theme. The explore button will automatically scroll down the page to the 'how to get involved' section.

Section 3: There is a clear heading at the top of the section to demonstrate what the section will entail. The final section of the web page is where the user is able to see the steps involved in renting a bike; in a simple, interactive and tabular way. The steps are displayed next to a clear photo which will represent what the step is. Making strong use of photos to aid with clarity was taken from my prior analysis of the best websites. They all used simple and clear visual aids to help the user understand the step faster, without having to spend the time reading all of the descriptions.

When hovering over the photo, the box will slightly raise, just to add some intractability to the website, making out like the website is 'responding to you'.

Sign Up Page



Ride Page

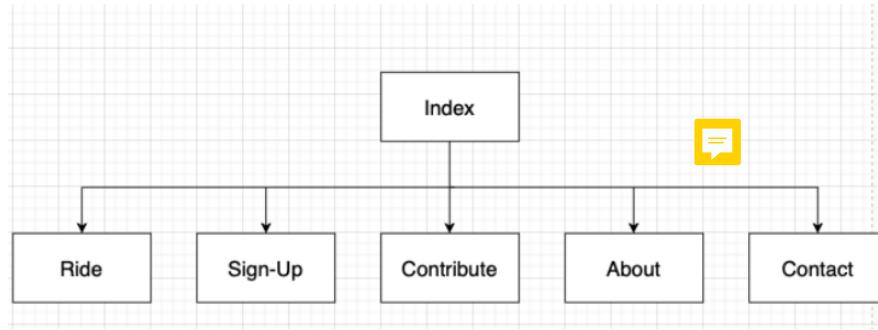
Navigation Bar: On loading, the navigation bar will 'swipe in' from right to left. It will have no separate background and the colour of the words will be consistent, and contrasting to the section background so it is easy for the user to see and read. You are able to access all the other pages via the navigation bar.

The wireframe shows a top navigation bar with a search field 'Find a Bike', back/forward buttons, and a URL 'https://www.harrowcouncil.com/find-a-bike'. Below this is a header with 'LOGO' and links to 'Home', 'Ride', 'Sign Up', 'Contribute', 'About', and 'Contact'. The main content area contains a heading 'Heading', a 'Rent a Bike' box with fields for 'Photo', 'Description', and 'Price' (with a 'Learn More' button), and a map of a borough with a red marker. Blue arrows indicate the 'swipe in' motion of the navigation bar and the flow from the 'Price' and 'Map' sections back up to the main content area.

Price: This price feature is used to show how much it will cost to rent a bike. It is in a container of its own. It has a clear heading, photo, description and the price will be in a different colour and font size to stand out. The learn more button will lead to the 'Sign Up' page.

Map: This page is all about where to find a bike and how much it will cost. I will implement an interactive google map element which will visually show the borough of harrow and see where the different bike shacks are. This makes it much easier for users trying to find a bike as they can click and open up google maps and find directions to the shacks.

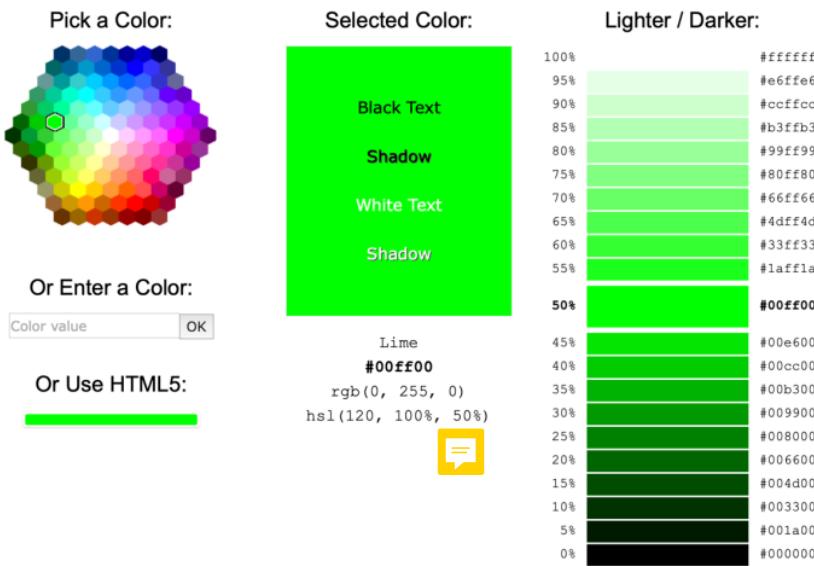
Navigational Design



Above is the navigational structure for the website. As you can see, I have decided to use a flat structure approach with only one layer and no-sub layers. I feel like this is the best approach to use as it is much simpler, and the website doesn't require multi-layers as the first layer describes what the page is going to be about. There isn't enough detail and information to justify the need for a multi-layer navigation bar.

Colour Scheme

Background Colour



I will use a background with a colour similar to the one shown above. This is so that it matches the White and Green colour scheme. It is bright and green enough to reflect the environmentally friendly message we are trying to promote, but also allows for the colours white and black to stand out, which is very important as the navigation bar will be white.

Header

Pick a Color:



Selected Color:

Black Text
Shadow

Lighter / Darker:

100%	# ffff ff
95%	#f2f2f2
90%	#e6e6e6
85%	#d9d9d9
80%	#cccccc
75%	#bfbfbf
70%	#b3b3b3
65%	#a6a6a6
60%	#999999
55%	#8c8c8c
50%	#808080
45%	#737373
40%	#666666
35%	#595959
30%	#4d4d4d
25%	#404040
20%	#333333
15%	#262626
10%	#1a1a1a
5%	#0d0d0d
0%	#000000

Or Enter a Color:

Color value OK

Or Use HTML5:

White
#ffff**ff**
rgb(255, 255, 255)
hsl(0, 0%, 100%)

I will use a white font for the headers of the page. This is so that it stands out from the background. There will be a nice balance of green to white contrast so that the header and navigation bar can stand out, and the background is still green and reflective of the running theme.

Forms & Boxes

Pick a Color:



Selected Color:

Black Text
Shadow

White Text
Shadow

Lighter / Darker:

100%	# ffff ff
95%	#f5ffe6
90%	#ebffcc
85%	#0fffb3
80%	#d6ff99
75%	#ccff80
70%	#c2ff66
65%	#b8ff4d
60%	#adff33
59%	# adff 2f
55%	#a3ff1a
50%	#99ff00
45%	#8ae600
40%	#7acc00
35%	#6bb300
30%	#5c9900
25%	#4d8000
20%	#3d6600
15%	#2e4d00
10%	#1f3300
5%	#0f1a00
0%	#000000

I will use a 'greenyellow' colour for the different forms, tables and boxes I use. This also sticks to the colour theme and stands out from the darker-ish background. Consistency with the colour themes throughout every page is very important.

Or Enter a Color:

greenyellow OK

Or Use HTML5:

GreenYellow
#adff**2f**
rgb(173, 255, 47)
hsl(84, 100%, 59%)

Overview:

I will build my website using a **modular approach**, one page at a time. I will start with the home page. As my home page has multiple sections, I will build, implement and test each section in an iterative manner, until it meets all design specifications and requirements. The first stages will be putting in the skeleton and framework of each section, then change the colour scheme, background, pictures etc. This will be easy once the framework is in place.

The different **web technologies** used for this website will be HTML and CSS. I will use HTML to display the framework and the content  the page, and CSS for the design and interactivity element. JavaScript could have been used here however, CSS adds enough interactivity to the website without it being too complicated and unpleasant for the user to use. I will use 'Brackets' as my IDE as it is very easy to organise all the my folders and documents, as well as providing a real time display of my code, allowing me to see the changes to me code in real time.

I will make the URL as simple and relevant as possible, making it easier for users to remember. This URL will also need to be unique, so research will need to be conducted. An example could be: 'www.harrowrentabike.com'. This shows where the scheme is based (Harrow) and what the scheme is (Rent a bike).

As this is a very basic website, targeted for people who live within the borough, not much money needs to be spent on a service provider who guarantees a 99.99% uptime. Instead, we need a cost friendly, reliable provider. I will use '**Bluehost**' to host the website. They guarantee a 99.96% uptime, speeds up to 641ms, is simple to use and allows for 24/7 support; all for the small price of £2 per month. Had this been a website targeting to a nationwide / global audience with guaranteed high website traffic, the best solution would be to host it in the cloud.

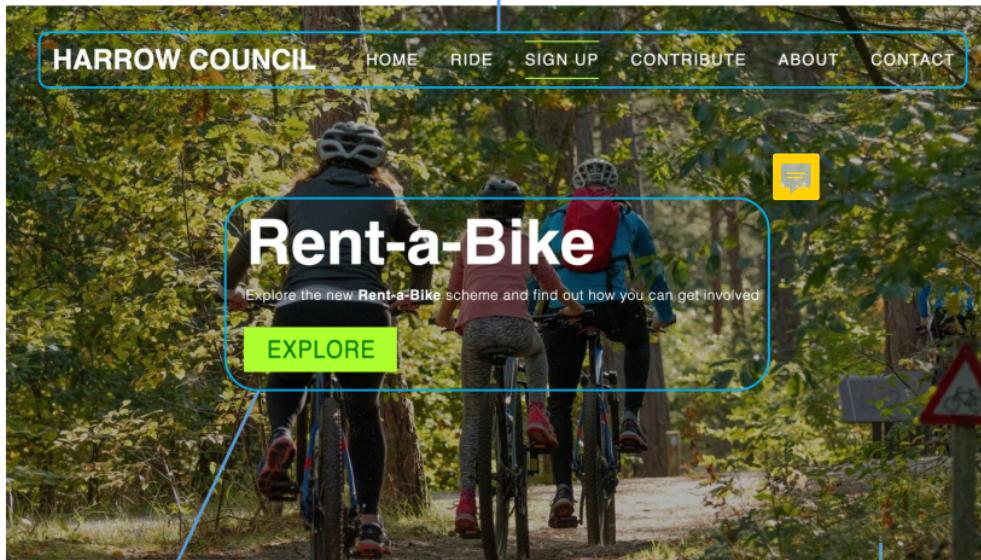
Task 4: Implementation and Testing

Homepage

As shown in the Wireframes, the homepage is split into 3 sections. The first section is what the user sees on landing. It displays the title, what the page is about, and the navigation bar. The second section is a quote slideshow which consists of 3 fun facts around the benefits of riding a bike. The third section is a step by step process on how to get involved with the process.

Section 1

As designed, the navigation bar consists of the Harrow Council logo (on the left) and the elements of the navigation, all in the colour white to contrast from the background and make it easier for the user to see and use, bettering the **usability** and **accessibility** of the website. It is clear what  each link leads to and they all lead to the correct pages, hence good **functionality**. As shown below, when you hover over an item, light green lines appear above and below the word, adding to the **design** aspect of the website, being consistent with the theme. The Harrow Council text on the left is bigger and in bold to stand out.



This is the main feature of this section. The header 'Rent-a-Bike' is the largest text on the screen, it's in bold and a different font to really stand out from the rest of the text of the section. It is also in white as it provided the most contrast to the background and was consistent with the colour theme. Underneath that, it is followed by some text which briefly explains what the website is about and next steps. Below this, the explore button changes from a light green border and white text, to a dark green text and light green fill when it is hovered over. When this is clicked, the webpage smoothly moves to the last section of the page which is the steps to renting a bike.

The background is a photo of a family cycling through a forest. This is reflective of the whole theme and idea of the website, about promoting bike rentals and the zero-carbon emission objective. I applied a black layer on top of the photo as the original was too bright and overpowering. Now, there is a good balance of 'greenery' and light webpage.

Section 2

When you scroll down the page, you land at section 2, which are quotes and facts about cycling. This was built using HTML, CSS and JS to add more intractability to the web page.

The screenshot shows a 'Section 2 Breakdown' interface. It displays three quote cards. Each card is enclosed in a blue box and contains a quote in italics, the author's name, and a small note. Below each card is a horizontal bar with three small circles. To the left and right of each card are red-outlined circular arrows. Red boxes highlight the quote area and the horizontal bar below each card.

Section 2 Breakdown		
	<p><i>"Cycling will reduce your chances of a heart attack by 20%"</i> - Adelle Davis</p>	
	<p><i>"60% of all cyclists say that they are more productive at work"</i> - Fuell Gibbons</p>	
	<p><i>"Cycling improves overall happiness by 64%"</i> - Gypsey Boots</p>	

These are the main quotes that are used. There are 3 quotes per slide. All of these are referring to the benefits of cycling. They have been put in quotes and italics to represent that it is a quote. It is hoped that the user seeing the benefits will influence them more to rent-a-bike and take up cycling. Below the quotes are the famous influencers who said them. These are in a different colour to stand out.

These elements are split up into: Left & Right arrows; slide bar at the bottom. The arrows allow the user to slide between the 3 quotes. The 3 buttons at the bottom can also be clicked on to transition between the 3. As shown in the images above, The corresponding button is highlighted depending on if it is quote 1, 2 or 3. The background of the buttons are light green, sticking the same colour theme.

Section 3

GET CYCLING!

I created easy to read, step by step instructions on how to get cycling. They are located on alternate sides of the screen as it is supposed to represent a journey that the user can go on, like a 'bike ride'. I added a green gradient background as it maintains the running theme and allows writing to stand out too. It is also visually attractive and appealing.

Step 1
Plan your route
You can't go cycling without knowing where you are going! Make sure to plan your route so you can enjoy your journey without getting lost.
HINT: Google Maps is great for planning cycle routes



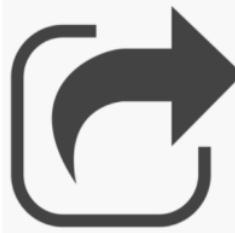
Step 2
Find your nearest bike rental shack
You can find your nearest bike rental shack by clicking here, or going to the Ride page where you will find a map to help you locate all the bike shacks around Harrow.



Step 3
Rent a bike
Rent a bike for only £2 per hour.



Step 4
Enjoy your trip!
Once you have your bike, go on adventure with your family, friends or on your own!



Step 5
Return the bike to one of the shacks
Once you have finished your bike ride, return it to one of our 10 bike shacks located around the borough. To see where the shacks are located, go to the Ride page.

I utilised png icons alongside text to provide the user a visual representation of what the corresponding step is trying to say. I implemented this as it was a major beneficial feature of the best websites I identified during the research. When hovered over, the images slightly become larger.

Overall, this section of the page meets my design specs and its objective; to provide a clear, interactive, step – by – step order in how to rent and ride a bike. The use of icons alongside the text

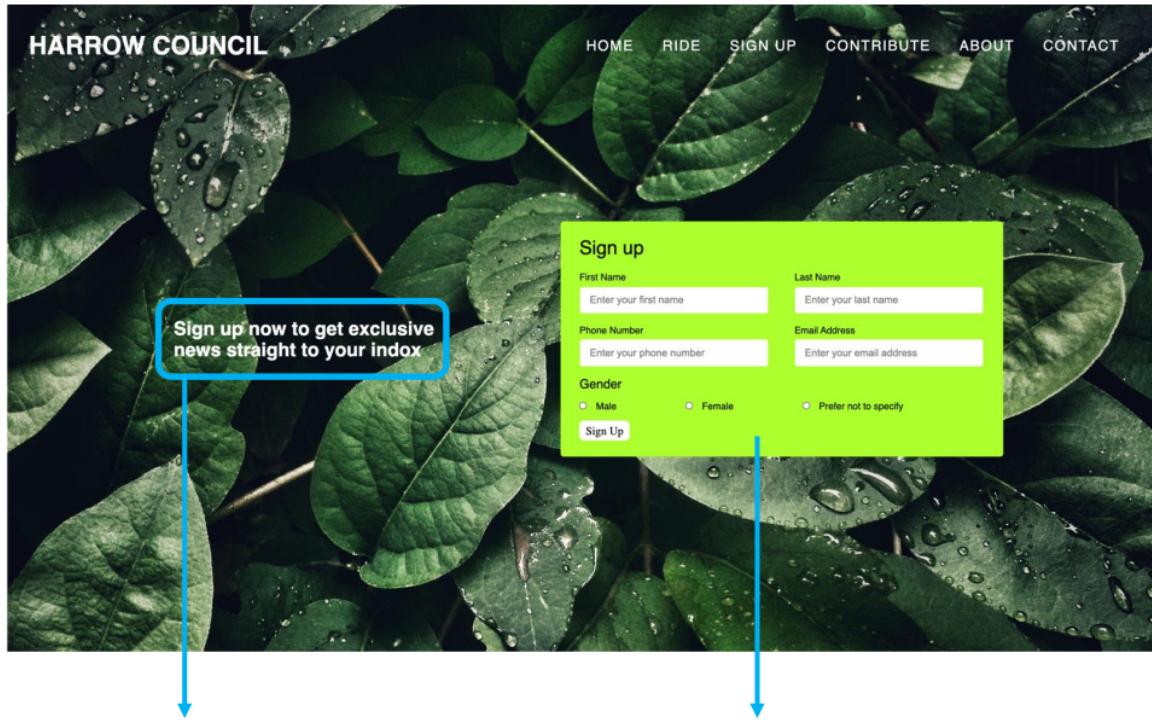
allows for a visual understanding of the step, which is a key feature identified in the best bike rental websites. The corresponding text isn't too long to read and gets to the point. The background of this is a green gradient, making it visually appealing and maintaining the environmentally friendly theme.

Homepage W3C Report

1. **Warning** Consider using the `h1` element as a top-level heading only (all `h1` elements are treated as top-level headings by many screen readers and other tools).
From line 15, column 25; to line 15, column 43
`<h1 class = "logo">Har` 
2. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections.
From line 12, column 9; to line 12, column 29
`><section id="header"></`
3. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections.
From line 41, column 9; to line 41, column 31
`<section id = "quotes"></`

Sign Up

This is the Sign-up page where a user can fill in the form and receive more up-to-date information regarding the rent a bike scheme, and exclusive deals.

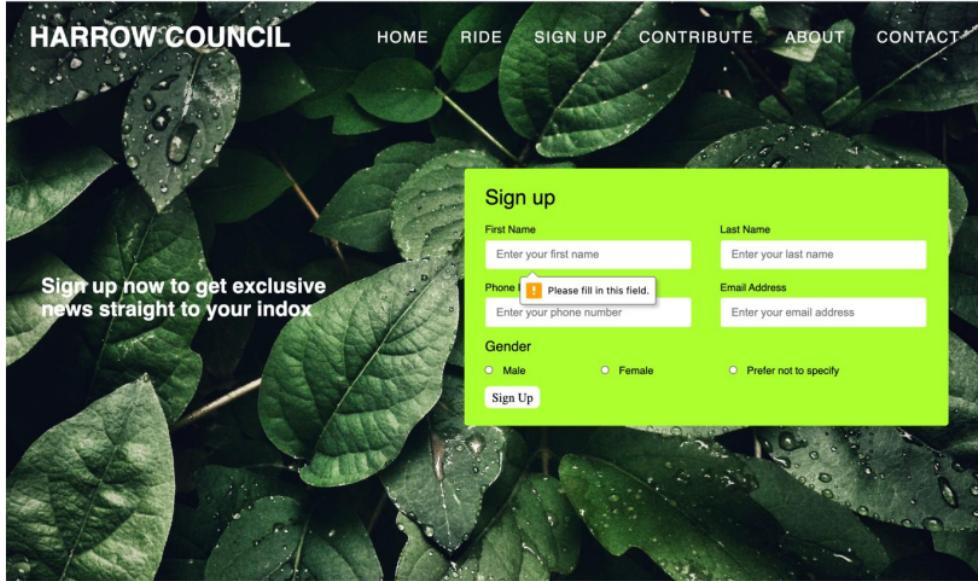


This is a H1 heading which tells the user why they should sign up and what they will get as a result. This text is bold and in white to contrast from the background, making it easier for the user to. It is also in line with the running theme of the website. The font of this is also consistent with the other headings through the website, ensuring there is a constant design theme.

The sign up form was made to be laid out clearly, and stand out from the rest of the page (hence the background is 'greenyellow' – contrast to the background). The form is easy to follow through, and the gender selection accounts for all genders. When the user hovers over the sign up button, the background turns dark green and the text turns white.

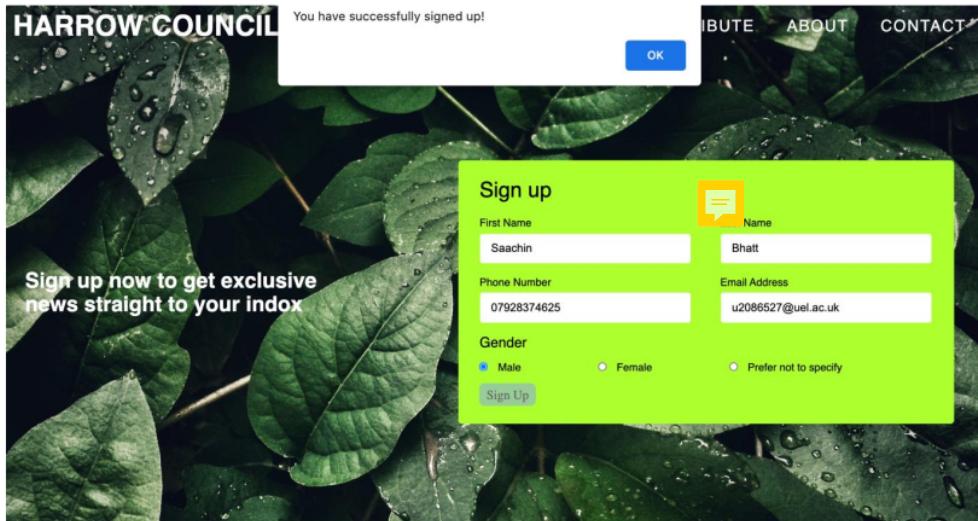
Overall, this webpage is very simple in design and structure, but also effective in regards to usability and functionality. It is clear what the page is about and the result of signing up. The form significantly stands out from the rest of the website, and is displayed in a user friendly way, from the curved edges for the outside of the form, to a simple design layout.

Validation



As you can see above, I clicked sign up without inputting any details into the form. Using JS, I created validation which displays an error message when not all of the boxes have been filled and the user clicks 'Sign Up'. This is to add some robust ability to the form and if I wanted to scale this to include a back-end, would provide consistency in what data is being stored.

Confirmation Message



Sign Up W3C Report

1. **Warning** Consider using the `h1` element as a top-level heading only (all `h1` elements are treated as top-level headings by many screen readers and other tools).
From line 15, column 25; to line 15, column 64
`<h1 class = "logo" style="outline: red">Har`
2. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections.
From line 12, column 9; to line 12, column 29
`><div>`
`<section id="header"><h1>`
3. **Error** Duplicate ID `dot-1`.
From line 68, column 29; to line 68, column 75
`<input type="radio" name = "gender" id="dot-1"><input type="radio" name = "gender" id="dot-1">`
4. **Warning** The first occurrence of ID `dot-1` was here.
From line 63, column 29; to line 63, column 75
`<input type="radio" name = "gender" id="dot-1">`
5. **Error** Stray start tag `style`.
From line 85, column 5; to line 85, column 11
`<div>`
`<style>`

Contact

This is the Contact page. It contains a table with the Address, opening times, email address and phone number of each HQ in Harrow.

The background is reflective of the ongoing colour theme that runs through the website. The background is dynamic, meaning it changes slowly across a green and white gradient slowly and subtly.

The header clearly defines what the page is about and is in a different font and larger to stand out. The text below gives further information to the user saying they can visit the offices.

HARROW COUNCIL

HOME RIDE SIGN UP CONTRIBUTE ABOUT CONTACT

GET IN TOUCH!

If you have any questions, please feel to visit us in our offices distributed throughout the borough . See the table below for further details:

Address	Opening Times	Email	Phone Number
10 Harrow Road, HA2 632	9am - 5pm	HQ1@harrow.com	07928374625
34 Pinner Block, PN1 8WE	9am - 6pm	HQ2@harrow.com	07839462738
90 Christ Road, CR6 2HI	9am - 4:30pm	HQ3@harrow.com	07283749563
18 Harley Crescent, HA4 2XH	10am - 5pm	HQ4@harrow.com	07293748592
23 Marsh Road, WD2 3PD	11am - 8pm	HQ5@harrow.com	07353748394

✉ EMAIL ☎ PHONE ⚑ WALK

This is the table that contains all the details for the different HQ's distributed through Harrow. The headers for the columns have been formatted to stand out by using a white text and an alternating blue and green header background. Each alternate row in the table is light grey. There is a subtle blue shadow around the table to really make it stand out and to add a floating 3D effect.

This row clearly outlines the different ways the user can get in contact with someone from the Harrow Council. Using best principles identified in the most effective websites during my research, the use of icons and simple wording to compliment adds a layer of simplicity for the user.

Contact Page W3C Report

1. **Warning** Consider using the `h1` element as a top-level heading only (all `h1` elements are treated as top-level headings by many screen readers and other tools).
From line 13, column 25; to line 13, column 43
`<h1 class = "logo">Har`

2. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections.
From line 10, column 9; to line 10, column 29
`><section id="header">`

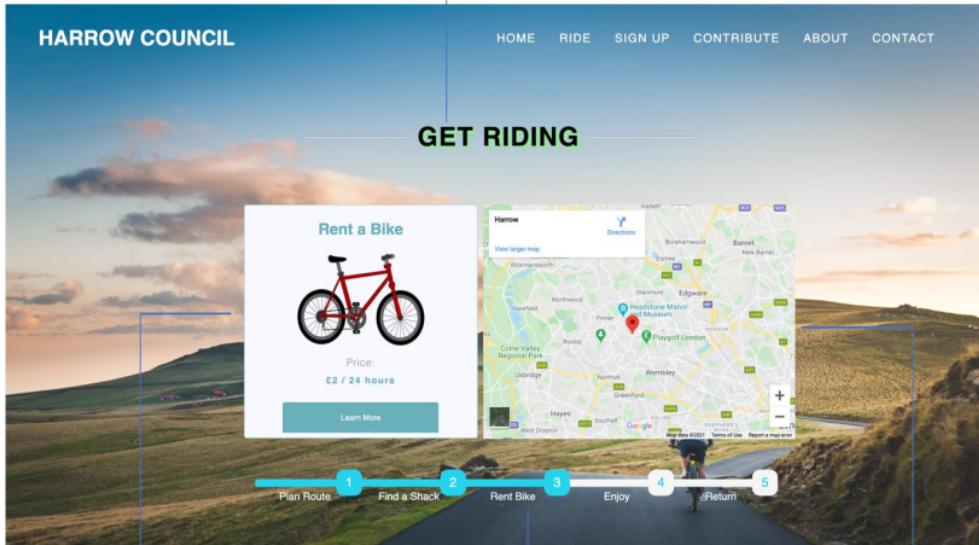
3. **Error** Stray start tag `style`.
From line 86, column 5; to line 86, column 11
`<style>` 

4. **Error** Element `style` not allowed as child of element `body` in this context. (Suppressing further errors from this subtree.)
From line 86, column 5; to line 86, column 11
`<style>`
Contexts in which element `style` may be used:
Where `metadata content` is expected.
In a `noscript` element that is a child of a `head` element.
Content model for element `body`:
`Flow content.`

Ride

This page is designed to give the user a better understand of the pricing and where you can find a bike shack to start riding.

The title of the webpage is clear and informative as to what the page is going to be about. I added a green glow effect to make it stand out and further reinforces the green, environmentally friendly theme. There are 2 horizontal lines either side to give it a 'flying' effect as they blend into the sky backgrounds



This is a pricing card which tells you what the price is to rent a bike and what the bike looks like. There is also a 'learn more' button which takes you to the 'sign up' page. I tried to keep this as minimalistic as possible so it is very clear to read

I implemented an interactive 'google maps' into the page with a pin on Harrow, the borough where the scheme takes places. Here you can explore around the area (with all the same google maps features), plan your journey and see where the Bicycle shacks are.

Here, we have a progression bar which shows what stage the user is at by landing on this page. The 5 stages refer back to my homepage. This gives the user a visual representation of where they are at in their journey through the website and to renting a bike

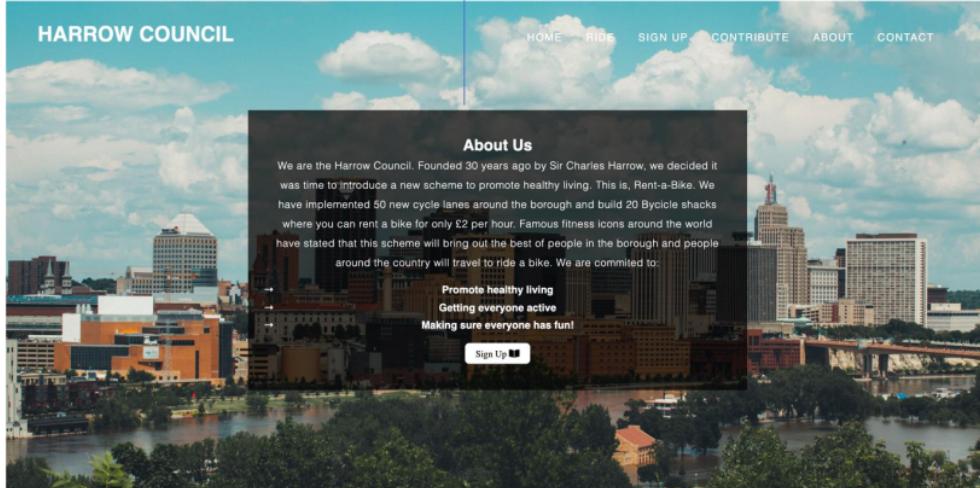
Ride page W3C report

1. **Warning** Consider using the `h1` element as a top-level heading only (all `h1` elements are treated as top-level headings by many screen readers and other tools).
From line 14, column 25 to line 14, column 43
`<h1 class = "logo">Har`
2. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections.
From line 11, column 9 to line 11, column 29
`<h1>`
3. **Error** Element `hr` not allowed as child of element `h1` in this context. (Suppressing further errors from this subtree.)
From line 27, column 186 to line 27, column 249
`ET RIDING <hr style="width: 200px; margin-left: 20px; border-width: 1px;"></h1>;`
Contexts in which element `hr` may be used:
Where `flow_content` is expected.
4. **Warning** Attribute `,` is not serializable as XML 1.0.
From line 38, column 13 to line 38, column 82
`;`
5. **Error** CSS: `box-shadow : blue` is not a `box-shadow` value.
From line 140, column 29 to line 140, column 32
`x-shadow: blue;;`
6. **Error** CSS: `top : only 0` can be a `unit`. You must put a unit after your number.
At line 197, column 14
`; top:-8;right:0; width:50px;`

About

This page is gives the user an insight into the scheme and Harrow council as a whole.

The about page has a simple but effective layout. The background is an image of Harrow borough, and the text is in a black box to act as a contrast. The white colour not only contrasts the black, semi-transparent background but also reinforces the theme of the website. When you hover over the sign up button, the background colour changes to green, the text turns white and the icon turns white also. There is a layer of transparency to the black background so that it doesn't come across as too harsh.



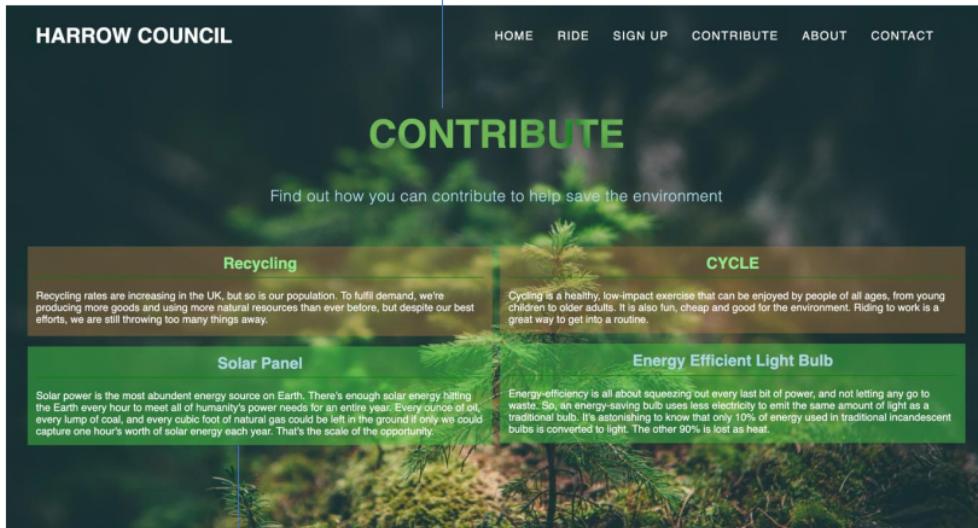
About page W3C report

1. **Warning** Consider using the `h1` element as a top-level heading only (all `h1` elements [are treated as top-level headings by many screen readers and other tools](#)).
From line 13, column 25; to line 13, column 43
`<h1 class = "logo">Har`
2. **Warning** Section lacks heading. Consider using `h2 - h6` elements to [add identifying headings to all sections](#).
From line 10, column 9; to line 10, column 29
`><section id="header">`
3. **Error** Stray start tag `style`.
From line 50, column 5; to line 50, column 11
`ody><style>`

Contribute

This page tells the user how they can get involved with saving the environment.

The title summarises what the page is about. Using advanced CSS, I was able to make the font colour a subset blend of the background, which really adds the 'environmental' message of the website and page in particular. The background of the website is a focussed photo of a tree. This provides focus on the fact this page is about how to help save the environment



The main part of the page consists of 4 boxes which represent the 4 main ways to help save the environment, 'cycle' is all in caps as this is the one we are mainly trying to promote. The 2 colours, green and brown, are representative of nature, which nicely compliments the background. The backgrounds are slightly transparent to add a feeling of 'one-ness' throughout the page. The text is very clear and easy to read for the user.

Contribute Page W3C report

1. **Warning** Consider using the `h1` element as a top-level heading only (all `h1` elements are treated as top-level headings by many screen readers and other tools).

From line 14, column 25 to line 14, column 43

```
<h1 class = "logo"><b>Har
```

2. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections.

From line 11, column 9 to line 11, column 29

```
><!--><section id="header"><!-->
```

3. **Error** Stray start tag `style`.

From line 46, column 1 to line 46, column 23

```
</html><!--><style type="text/css"><!-->
```

```
b:
```

4. **Fatal Error** Cannot recover after last error. Any further errors will be ignored.

From line 46, column 1 to line 46, column 23

```
</html><!--><style type="text/css"><!-->
```

Task 5: Evaluation and Reflection

Overall, I think this website is very effective in terms of promoting Bicycle rentals and how it plays a part in keeping the environment safe. It is a simple website so all the key information is very easy to read and access, and caters for rapid loading time due to client side scripting and minimal server side scripting. Looking back at the research conducted in Task 2, it is in my website that I have taken key principles and ideas from the best websites and incorporated it, for example:

- Consistent colour theme throughout
- All the key information is on the home page
- Using diagrams / icons as a visual aid

There is a strong level of interactivity within the website, but not too much to cause a distraction for the user. The aim of this is to keep the user exploring and wanting to see / read more throughout the page, which would hopefully lead to more people renting a bike and signing up.

Search Engine Optimisation:



Regarding Search Engine Optimisation, I would look to explore that page rank algorithm in more detail. This algorithm is what search engines used by Google Search to rank webpages in their search engine results. There are a few ways to improve my Page Rank if I were to go live, for example:

- Include Metadata between the <head> tag. (*Michigan Technological University, n.d.*)
- Include links to popular external websites / webpages (Page Rank first principles)

Mobile Accessibility:

The key aspect with mobile accessibility comes from the ability of the user to see the website clearly and with as much ease as if they were viewing from their laptop. I would include more CSS keyframes which re-organises the features of each page depending on the size of the screen. I would also ensure cross-compatibility; lots of websites' links stop working when accessing via a mobile device, which causes an increase in churn rate.

Advertising Revenues:

Advertising plays a big part in generating traffic to your website. One way I could look to optimise the website via advertising revenues is through Google Ads. Google's advertising system in which advertisers bid on certain keywords in order for their clickable ads to appear in Google's search results (*Wordstream, 2013*). This will ensure that the website will get promoted to the correct target audience and to people of all ages looking to rent a bike. Other than Google ads, I could also incorporate website ads. I would have to pay different websites (preferably bike company websites), to include a 'side bar' advert for this website and scheme. However, both of these cost money.

Local Exposure:

As this is a borough led scheme, local exposure is critical. The best forms of advertising would be via:

- Social media
 - Promoting this scheme on the Harrow Borough's Instagram, Facebook and Twitter page will attract lots of people from the age of 16 – 70 as they're very active on Social Media platforms.
- Schools
 - There is a big drive for schools to promote a healthy lifestyle and an eco-friendly environment. Kids would be more inclined to persuade their parents to go cycling and to cycle to school.
- Posters
 - Although a more old fashion approached, there are billboards all around the borough at bus stops and leisure centres, so promoting through a flyer or poster can be very effective for a lot of people and will target all ages too.
- Bike Shops
 - Bike shops are another great place for advertising. If they speak to their customers about the new bike rental scheme, people may be more inclined to buy a bike if they enjoy renting one. This in turn is a win-win situation.

References

1. Michigan Technological University. (n.d.). *Five Ways to Improve your Site's Ranking (SEO) | UMC | Michigan Tech.* [online] Available at: 
<https://www.mtu.edu/umc/services/websites/seo/>
2. Wordstream.com. (2013). *What Is Google AdWords? How Does Google Ads Work? | WordStream.* [online] Available at: <https://www.wordstream.com/articles/what-is-google-adwords>.



Appendix

Photos

*All websites listed below allow for copyright free downloads of all photos.

1. <https://pixabay.com/photos/search/family%20cycling/>
2. <https://unsplash.com/s/photos/city>
3. <https://unsplash.com/photos/DncjWhfjm04>
4. <https://unsplash.com/photos/Rfflri94rs8>
5. <https://unsplash.com/photos/VfUN94cUy4o>
6. <https://www.pngkey.com/pngs/bike-icon/>
7. <https://icons8.com/icons/set/royalty-free>
8. <https://www.pexels.com/search/city%20landscape/>



Screenshots of Code



Homepage:

```
<!DOCTYPE html>
<html lang="en">
  <!-- Title -->
  <head>
    <title>Home Page</title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>

  <body>
    <!-- Navigation bar -->
    <section id="header">
      <div class="nav-bar">
        <nav>
          <h1 class = "logo"><b>Harrow Council</b></h1>
          <ul>
            <li><a href="homepage.html">Home</a></li>
            <li><a href="Explore.html">Ride</a></li>
            <li><a href="Sign_up_Form.html">Sign up</a></li>
            <li><a href="Contribute.html">contribute</a></li>
            <li><a href="about.html">about</a></li>
            <li><a href="contact.html">contact</a></li>
          </ul>
        </nav>
      </div>
    </section>
  <!-- End of Navigation bar -->

  <!-- Hero Section -->
  <section id="hero">
    <div class="hero container">
      <div>
        <h1>Rent-a-Bike</h1>
        <p class="heading_text"> Explore the new <b>Rent-a-Bike</b> scheme and find out how you can get involved <span></span></p>
        <a href="#scroll-test" class="cta">Explore</a>
      </div>
    </div>
  </section>
  <!-- End of Hero Section -->

  <section id = "quotes">
    <!-- Slideshow container -->
    <div class="slideshow-container">
      <!-- Full-width slides/quotes -->
      <div class="mySlides">
        <q>Cycling will reduce your chances of a heart attack by 20%</q>
        <p class="author">- Adelle Davis</p>
      </div>
      <div class="mySlides">
        <q>60% of all cyclists say that they are more productive at work</q>
        <p class="author">- Euell Gibbons</p>
      </div>
    </div>
  </section>
```



```

<div class="mySlides">
    <q>Cycling improves overall happiness by 64%</q>
    <p class="author">- Gypsy Boots</p>
</div>

<!-- Next/prev buttons -->
<a class="prev" onclick="plusSlides(-1)">#10094;</a>
<a class="next" onclick="plusSlides(1)">#10095;</a>
</div>

<!-- Dots/bullets/indicators -->
<div class="dot-container">
    <span class="dot" onclick="currentSlide(1)"></span>
    <span class="dot" onclick="currentSlide(2)"></span>
    <span class="dot" onclick="currentSlide(3)"></span>
</div>
</section>

<script> ... </script>

<!-- Middle Section -->
<section id="projects">
    <div class="project container">
        <div class="projects-header">
            <h1 class="section-title" style="font-family: graphik"> Get Cycling!<span></span></h1>
        </div>
        <div class="all-projects">
            <div class="project-item">
                <div class="project-info" id = "scroll-test">
                    <h3><b>Step 1</b></h3>
                    <h2>Plan your route</h2>
                    <p>You can't go cycling without knowing where you are going! Make sure to plan your route so you can enjoy your journey without getting lost. <br><b>HINT:</b> Google Maps is great for planning cycle routes</p>
                </div>
                <div class="project-image">
                    
                </div>
            </div>
            <div class="project-item">
                <div class="project-info">
                    <h3><b>Step 2</b></h3>
                    <h2>Find your nearest bike rental shack</h2>
                    <p>You can find your nearest bike rental shack by clicking here, or going to the Ride page where you will find a map to help you locate all the bike shacks around Harrow.</p>
                </div>
                <div class="project-image">
                    
                </div>
            </div>
            <div class="project-item">
                <div class="project-info">
                    <h3><b>Step 3</b></h3>
                    <h2>Rent a bike</h2>
                    <p>Rent a bike for only <b>£2</b> per hour. </p>
                </div>
                <div class="project-image">
                    
                </div>
            </div>
            <div class="project-item">
                <div class="project-info">
                    <h3><b>Step 4</b></h3>
                    <h2>Enjoy your trip!</h2>
                    <p>Once you have your bike, go on adventure with you family, friends or on your own! </p>
                </div>
                <div class="project-image">
                    
                </div>
            </div>
            <div class="project-item">
                <div class="project-info">
                    <h3><b>Step 5</b></h3>
                    <h2>Return the bike to one of the shacks</h2>
                    <p>Once you have finished your bike ride, return it to one of out 10 bike shacks located around the borough. To see where the shacks are located, go to the Ride page.</p>
                </div>
                <div class="project-image">
                    
                </div>
            </div>
        </div>
    </div>
</section>
<!-- End of Middle Section -->
</body>

<!-- Style Element -->
<style> ... </style>
</html>

```

Ride Page:

```

<!DOCTYPE HTML>
<html lang="en">
  <!-- Title -->
  <head>
    <title>Explore Page</title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
  <body>
    <!-- Navigation bar -->
    <section id="header">
      <div class="nav-bar">
        <nav>
          <h1 class = "logo"><b>Harrow Council</b></h1>
          <ul>
            <li><a href="homepage.html">Home</a></li>
            <li><a href="Explore.html">Ride</a></li>
            <li><a href="Sign_up_Form.html">Sign up</a></li>
            <li><a href="Contribute.html">contribute</a></li>
            <li><a href="about.html">about</a></li>
            <li><a href="contact.html">contact</a></li>
          </ul>
        </nav>
      </div>
    </section>
    <!-- End of Navigation bar -->
    <h1 class="container" style="font-size: 50px; letter-spacing: 2px; text-shadow: 5px 5px lightgreen;"><hr style="width: 200px; margin-right: 20px; border-width: 1px;"> RIDING <hr style="width: 200px; margin-left: 20px; border-width: 1px;"></h1>
    <div class="map">
      <iframe src="https://www.google.com/maps/embed?pb=!m1!1m2!1m3!1d79318.47145716568!2d-0.40314274387734694!3d51.59202050831823!1m3!1f0!2f0!3f0!3m2!1i1024!2i1768!4f13.113m3!1m2!1s0x48761158a02507f9%3A0x24d74f8999e25bd9!2sHarrow!5e0!3m2!1s
      en!2suk!4v161399199231!5m2!1sen!2suk" width="600" height="450" style="border:0;" allowfullscreen="" loading="lazy"></iframe>
    </div>
    <!-- Pricing -->
    <div class="wrapper" style="float: right; margin-top: -8%; margin-left:10px">
      <div class="item_1">
        <h1 style="font-size: 30px; margin-bottom: 20px; color: #69b0b0;">Rent a Bike</h1>
        
        <div class="bike_info">
          <p>Price:</p>
          </div>
        <div class="bike_price">
          <h3>£2 / 24 hours</h3>
        </div>
        <div class="bike_button">
          <a href="Sign_up_Form.html">Learn More</a>
        </div>
      </div>
    </div>
    <!-- Step by Step Menu -->
    <!-- <p style="margin-top: 25%; margin-left: 50%;">Hello</p> -->
    <div class="profileSteps">
      <div class="profileStep profileStepPassive profileStepOne">
        <div class="connect"></div>
        <div class="icon" 5></div>
        <div class="info">Return</div>
      </div>
      <div class="profileStep profileStepPassive profileStepOne">
        <div class="connect"></div>
        <div class="icon" 4></div>
        <div class="info">Enjoy</div>
      </div>
      <div class="profileStep profileStepActive profileStepOne">
        <div class="connect"></div>
        <div class="icon" 3></div>
        <div class="info">Rent Bike</div>
      </div>
      <div class="profileStep profileStepActive profileStepOne">
        <div class="connect"></div>
        <div class="icon" 2></div>
        <div class="info">Find Shack</div>
      </div>
      <div class="profileStep profileStepActive profileStepOne">
        <div class="connect"></div>
        <div class="icon" 1></div>
        <div class="info">Plan Route</div>
      </div>
    <!-- End of Step by Step Menu -->
  </body>

```

```

<style>
body{
    /* background: linear-gradient(0deg, rgba(87,180,123,1) 0%, rgba(87,180,123,1) 50%); */
    background-image: url(Images/Bike_landscape.jpg); /* https://unsplash.com/photos/VfUN94cUy4o */
    background-size: cover;
    align-content: center;
    justify-content: center;
}
.container{
    background: none;
    margin-top: 400px;
    margin-left: 50%;
}
.map{
    align-content: center;
    margin-top: -7.5%;
    float: right;
    margin-right: 300px;
}
.container{
    min-height: 50vh;
    width: 100%;
    margin: 0 auto;
    display: flex;
    align-items: center;
    justify-content: center;
}
/* Bike Price */
img{
    width: 60%;
    height: 50%; 
    margin: 10px auto;
}
.wrapper{
    align-content: center;
    float: right;
    width: auto;
    display: flex;
    justify-content: center;
    text-align: center;
    flex-wrap: wrap;
}
.wrapper .item{
    width: 45px;
    height: 150px;
    margin: 10px;
    background-color: ghostwhite;
    border-radius: 5px;
    border: 1px solid lightblue;
    position: relative;
    padding: 20px 20px 65px;
    box-shadow: blue;
}
.wrapper .item h3{
    letter-spacing: 2px;
    color: #000000;
    margin-bottom: 20px;
}
.wrapper .bike_info p{
    font-size: 20px;
    color: #a3a3a3;
    margin-bottom: 5px;
}
.wrapper .item .price{
    margin-top: 20px;
}
.wrapper .item .bike_button{
    position: absolute;
    bottom: 0;
    left: 50%;
    transform: translateX(-50%);
    width: 30px;
    height: 20px;
    border-top-right-radius: 5px;
    border-top-left-radius: 5px;
    background: #000000;
    margin-bottom: 10px;
}
.wrapper .item .bike_button a{
    display: block;
    color: #fff;
}
/* End of Bike */
/* Step Menu */
div.profileStep {
    float:right;
    margin:20px 20px 0 0;
    margin-left: 20px;
    margin-right: 22px;
}
div.profileStep .connect {
    position: relative;
    top: 0;
    width:200px; height:50px;
}
div.profileStep .connect .icon {
    position: absolute;
    top: 0;
    left: 0;
    width:200px; height:15px;
    margin:15px 0 0 0;
    background-color:#e3ddec;
    -webkit-border-radius:15px;
    border-radius:15px;
}
div.profileStep .connect .text {
    color:#fff;
    font-size:20px;
    line-height:50px;
    text-align:center;
}
div.profileStep .info {
    position: absolute;
    bottom:0;left:30px;
    width:150px;
    color:#fff;
    font-size:20px;
    line-height:20px;
    text-align:left;
}
div.profileStepPassive .comment {
    background-color:#ff7f7f;
}
div.profileStepPassive .icon {
    background-color:#ff5722;
    color:#5449c7;
}
</style>
</body>
</html>

```



Sign Up Page:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Sign up Form</title>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="style.css">
  </head>
  <body style="display: flex; height: 100vh; justify-content: center; align-items: center; padding: 10px;">
    <!-- Navigation bar -->
    <section id="header">
      <div class="nav-bar">
        <nav>
          <h1 class = "logo" style="outline: red"><b>Harrow Council</b></h1>
          <ul>
            <li><a href="homepage.html">Home</a></li>
            <li><a href="Explore.html">Ride</a></li>
            <li><a href="Sign_up_Form.html">Sign up</a></li>
            <li><a href="Contribute.html">contribute</a></li>
            <li><a href="about.html">about</a></li>
            <li><a href="contact.html">contact</a></li>
          </ul>
        </nav>
      </div>
    </section>
    <!-- End of Navigation bar -->

    <h1 style="margin-right: 200px; color: white"> Sign up now to get exclusive <br>news straight to your inbox </h1>
    <div class="container1" style="float: right; align-content:center">
      <div class="title">Sign up</div>
      <form onSubmit="return ClickMessage()">
        <div class="user-details">
          <div class="input-box">
            <span class="details"> First Name</span>
            <input type="text" placeholder="Enter your first name" required>
          </div>
          <div class="input-box">
            <span class="details"> Last Name</span>
            <input type="text" placeholder="Enter your last name" required>
          </div>
          <div class="input-box">
            <span class="details"> Phone Number</span>
            <input type="text" placeholder="Enter your phone number" required>
          </div>
          <div class="input-box">
            <span class="details"> Email Address</span>
            <input type="text" placeholder="Enter your email address" required>
          </div>
        </div>
      </form>
    </div>
  </body>

```

```

<div class="gender-details">
    <span class="gender-title">Gender</span>
    <div class="category">
        <label for="dot-1">
            <input type="radio" name = "gender" id="dot-1" required>
            <span class="gender">Male</span>
        </label>

        <label for="dot-1">
            <input type="radio" name = "gender" id="dot-1" required>
            <span class="gender">Female</span>
        </label>

        <label for="dot-1">
            <input type="radio" name = "gender" id="dot-1" required>
            <span class="gender">Prefer not to specify</span>
        </label>
    </div>
</div>
<button class="btn">Sign Up</button>
</form>
</div>
</body>

<!-- Style Element -->
<style>
    body{
        background-image: url(Images/Trees.jpeg); /* https://www.pexels.com/photo/close-up-photography-of-leaves-with-droplets-807598/ */
        background-size: cover;
    }
    .btn{
        padding: 6px 10px;
        font-family: Century Gothic;
        font-size: large;
        font-weight: 500;
        border: none;
        outline: none;
        background: white;
        border-radius: 8px;
        cursor: pointer;
        transition: 0.3s ease-in-out;
    }
    .btn:hover{
        background: green;
        color: white;
    }
</style>

<!-- Script -->
<script language="JavaScript">
function ClickMessage(){
    alert("You have successfully signed up!");
}
</script>
</html>

```

Contribute Page:

```
<!DOCTYPE HTML>
<html lang="en">
  <head>
    <title>Contribute</title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>

  <body>
    <!-- Navigation bar -->
    <section id="header">
      <div class="nav-bar">
        <nav>
          <h1 class = "logo"><b>Harrow Council</b></h1>
          <ul>
            <li><a href="homepage.html">Home</a></li>
            <li><a href="Explore.html">Ride</a></li>
            <li><a href="Sign_up_Form.html">Sign up</a></li>
            <li><a href="Contribute.html">contribute</a></li>
            <li><a href="about.html">about</a></li>
            <li><a href="contact.html">contact</a></li>
          </ul>
        </nav>
      </div>
    </section>
    <!-- End of Navigation bar -->

    <h1 id="contribute_heading" style="text-align: center; margin-top: 12%; font-size: 3rem; text-transform: uppercase; font-family: 'Teko', sans-serif; font-weight: 600; mix-blend-mode: difference; color: lightgreen">Contribute</h1>
    <p style="text-align: center; margin-top: 3%; margin-bottom: 4%; font-size: 2rem; font-family: 'Teko', sans-serif; color: lightblue; mix-blend-mode: lighten">Find out how you can contribute to help save the environment</p>
    <div id="multi_column">
      <div>
        <h2 style="text-align: center; margin-bottom: 10px; color: lightgreen">Recycling</h2><hr style="border-top: 1px dotted green; color: green; background-color: green; border-style: none none dotted;"><br>Recycling rates are increasing in the UK, but so is our population. To fulfil demand, we're producing more goods and using more natural resources than ever before, but despite our best efforts, we are still throwing too many things away. </p></div>

      <div>
        <h2 style="text-align: center; margin-bottom: 10px; color: lightblue">Solar Panel</h2><hr style="border-top: 1px dotted green; color: green; background-color: green; border-style: none none dotted;"><br>Solar power is the most abundant energy source on Earth. There's enough solar energy hitting the Earth every hour to meet all of humanity's power needs for an entire year. Every ounce of oil, every lump of coal, and every cubic foot of natural gas could be left in the ground if only we could capture one hour's worth of solar energy each year. That's the scale of the opportunity.</div>

      <div>
        <h2 style="text-align: center; margin-bottom: 10px; color: lightgreen">CYCLE</h2><hr style="border-top: 1px dotted green; color: green; background-color: green; border-style: none none dotted;"><br>Cycling is a healthy, low-impact exercise that can be enjoyed by people of all ages, from young children to older adults. It is also fun, cheap and good for the environment. Riding to work is a great way to get into a routine.</div>

      <div>
        <h2 style="text-align: center; margin-bottom: 10px; color: lightblue">Energy Efficient Light Bulb</h2><hr style="border-top: 1px dotted green; color: green; background-color: green; border-style: none none dotted;"><br>Energy-efficiency is all about squeezing out every last bit of power, and not letting any go to waste. So, an energy-saving bulb uses less electricity to emit the same amount of light as a traditional bulb. It's astonishing to know that only 10% of energy used in traditional incandescent bulbs is converted to light. The other 90% is lost as heat.</div>
    </div>
  </body>

</html>

<style type="text/css">
  body{
    background-image: url(Images/plant.jpg); /* https://unsplash.com/photos/Rfflrl94rs8 */
    background-size: cover;
  }
  div#multi_column{
    width: 1800px;
    height: 100px;
    margin-top: 200px;
    margin: 0px auto;
    column-count: 2; /* Number of Columns */
    /* column-rule: 2px solid #000; */ /* Ruler between the columns */
  }
  div{
    color: white;
  }
  div#multi_column > div{
    margin-bottom: 20px;
    padding: 16px;
    /* border: #000 1px solid; */
    font-size: 20px;
  }
  div#multi_column > div:nth-child(2n+0){
    background: rgba(63, 191, 63, 0.51);
  }
  div#multi_column > div:nth-child(2n+1){
    background: rgba(191, 127, 63, 0.37);
  }
</style>
```

About Page

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>About Page</title>
    <link rel="stylesheet" href="style.css">
    <script src="https://kit.fontawesome.com/82fb063a14.js" crossorigin="anonymous"></script>
  </head>
  <body>
    <!-- Navigation bar -->
    <section id="header">
      <div class="nav-bar">
        <nav>
          <h1 class = "logo"><b>Harrow Council</b></h1>
          <ul>
            <li><a href="homepage.html">Home</a></li>
            <li><a href="Explore.html">Ride</a></li>
            <li><a href="Sign up form.html">Sign up</a></li>
            <li><a href="Contribute.html">contribute</a></li>
            <li><a href="about.html">about</a></li>
            <li><a href="contact.html">contact</a></li>
          </ul>
        </nav>
      </div>
    </section>
    <!-- End of Navigation bar -->

    <!-- Main Section -->
    <div class="header">
      <div class="main">
        <h1>About Us</h1>
        <p>
          We are the Harrow Council. Founded 30 years ago by Sir Charles Harrow, we decided it was time to introduce a new scheme to promote healthy living. This is, Rent-a-Bike. We have implemented 50 new cycle lanes around the borough and build 20 Bicycle shacks where you can rent a bike for only £2 per hour. Famous fitness icons around the world have stated that this scheme will bring out the best of people in the borough and people around the country will travel to ride a bike. We are committed to:
        <ul style="margin-top: 20px;">
          <li style="align-content: center; margin-bottom: 2px;"><b>Promote healthy living</b></li>
          <li><b>Getting everyone active</b></li>
          <li><b>Making sure everyone has fun!</b></li>
        </ul>
        <br>
        <button class="btn">Sign Up <i class="fas fa-book-open"></i></button>
      </div>
    </div>
    <!-- End of main section -->
  </body>
</html>

<style>
  p{
    color: white;
  }
  body{
    margin: 0;
    padding: 0;
    font-family: 'Graphik', sans-serif;
  }
  p {
    font-size: 20px;
  }
  ul{
    list-style-type: "o";
  }
  li {
    font-size: 20px;
    font-weight: 300;
    margin-top: 10px;
  }
  .header{
    height: 100vh;
    width: 100%;
    background: url(Images/City.jpg) no-repeat; /* https://unsplash.com/s/photos/city */
    background-size: cover;
    background-position: center;
  }
  .main{
    width: 50%;
    background: rgba(0,0,0,.7);
    color: white;
    text-align: center;
    padding: 50px;
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
  }
  .btn{
    padding: 10px 20px;
    font-family: Century Gothic;
    font-size: large;
    font-weight: 300;
    border: none;
    outline: none;
    background: white;
    border-radius: 8px;
    cursor: pointer;
    transition: 0.3s ease-in-out;
  }
  .btn:hover{
    background: green;
    color: white;
  }
</style>
```

Contacts Page:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Contact Us</title>
    <link rel="stylesheet" href="style.css">
    <script src="https://kit.fontawesome.com/e3184012e7.js" crossorigin="anonymous"></script>
  </head>
  <body>  <!-- Navigation bar -->
    <section id="header">
      <div class="nav-bar">
        <nav>
          <h1 class = "logo"><b>Harrow Council</b></h1>
          <ul>
            <li><a href="homepage.html">Home</a></li>
            <li><a href="Explore.html">Explore</a></li>
            <li><a href="#">Sign up</a></li>
            <li><a href="Contribute.html">contribute</a></li>
            <li><a href="about.html">about</a></li>
            <li><a href="contact.html">contact</a></li>
          </ul>
        </nav>
      </div>
    </section>
    <!-- End of Navigation bar -->
    <div class="header">
      <div class="main">
        <h1 style="margin-top: -50px;; font-size: 60px"><strong>GET IN TOUCH!</strong></h1>
        <p> If you have any questions, please feel to visit us in our offices distributed throughout the borough . See the table below for further details:<br><br>
      </p>
    </div>
    <div class="table-wrapper">
      <table class="fl-table">
        <thead>
          <tr>
            <th>Address</th>
            <th>Opening Times</th>
            <th>Email</th>
            <th>Phone Number</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td>10 Harrow Road, HA2 632</td>
            <td>9am - 5pm</td>
            <td>HQ1@harrow.com</td>
            <td>07928374625</td>
          </tr>
          <tr>
            <td>34 Pinner Block, PNL 8WE</td>
            <td>9am - 5pm</td>
            <td>HQ2@harrow.com</td>
            <td>07839462738</td>
          </tr>
          <tr>
            <td>90 Christ Road, CR6 2HI</td>
            <td>9am - 4:30pm</td>
            <td>HQ3@harrow.com</td>
            <td>07283749563</td>
          </tr>
          <tr>
            <td>18 Harley Crescent, HA4 2XH</td>
            <td>10am - 5pm</td>
            <td>HQ4@harrow.com</td>
            <td>07293748592</td>
          </tr>
          <tr>
            <td>23 Marsh Road, WD2 3PD</td>
            <td>11am - 8pm</td>
            <td>HQ5@harrow.com</td>
            <td>07353748394</td>
          </tr>
        </tbody>
      </table>
    </div>
    <div>
      <p><i class="fas fa-envelope" style="float: left; font-size: 60px; top: 70%; left: 20%; position: absolute; width: 50%; "> EMAIL</i></p>
      <p><i class="fas fa-phone" style="float: left; font-size: 60px; top: 70%; left: 41.5%; position: absolute; width: 50%; "> PHONE</i></p>
      <p><i class="fas fa-walking" style="float: left; font-size: 60px; top: 70%; left: 63%; position: absolute; width: 50%; "> WALK</i></p>
    </div>
  </body>
</html>
```

```

<style>
  *{
    box-sizing: border-box;
    -webkit-box-sizing: border-box;
    -moz-box-sizing: border-box;
  }
  p{
    font-size: 20px;
    font-family: graphik;
    color: black;
    align-content: center;
    justify-content: center;
  }
  body{
    box-sizing: border-box;
    -webkit-box-sizing: border-box;
    -moz-box-sizing: border-box;
    /* background-color: green; */
    /* background: linear-gradient(-45deg, #ee7752, #e73c7e, #23a6d5, #23d5ab); */
    background: linear-gradient(90deg, rgba(16,209,147,1) 0%, rgba(21,209,16,0.8085609243697479) 50%, rgba(16,209,147,1) 100%);
    animation: gradient 20s ease infinite;
    width: 100%;
    height: 100%;
    background-size: 400% 400%;
  }
  @keyframes gradient {
    0% {
      background-position: 0% 50%;
    }
    50% {
      background-position: 100% 50%;
    }
    100% {
      background-position: 0% 50%;
    }
  }
  .header{
    height: 100vh;
    width: 100%;
    background-color: /* https://unsplash.com/photos/DncjWhfjm04 */;
    background-size: cover;
    background-position: center;
  }
  .main{
    width: 50%;
    color: black;
    text-align: center;
    padding: 50px;
    position: absolute;
    top: 35%;
    left: 50%;
    transform: translate(-50%, -30%);
  }
  /* ---- Table Style ---- */
  .table-wrapper{
    margin: 10px 20px 20px;
    box-shadow: 4px 4px 60px rgba( 34, 167, 240, 1 );
  }
  .fl-table {
    border-radius: 5px;
    font-size: 20px;
    font-weight: normal;
    border: none;
    border-collapse: collapse;
    width: 100%;
    max-width: 100%;
    white-space: nowrap;
    background-color: white;
  }
  .fl-table td, .fl-table th {
    text-align: center;
    padding: 8px;
  }
  .fl-table td {
    border-right: 1px solid #f8f8f8;
    font-size: 18px;
    color: black;
  }
  .fl-table thead th {
    color: #fffffe;
    background: #4FC3A1;
  }
  .fl-table thead th:nth-child(odd) {
    color: #fffffe;
    background: #324060;
  }
  .fl-table tr:nth-child(even) {
    background: #F8F8F8;
  }
</style>

```

CSS

```
* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
}
html {
    font-size: 15px;
    font-family: 'Graphik', sans-serif;
    scroll-behavior: smooth;
}
body{
    overflow-x: hidden;
}
a{
    text-decoration: none;
}
img{
    width: 100%;
    height: 100%;
}
p{
    color: black;
    font-size: 1rem;
    margin-top: 5px;
    line-height: 2.5rem;
    font-weight: 300;
    letter-spacing: .05rem;
}
.container{
    min-height: 100vh;
    width: 100%;
    margin: 0 auto;
    display: flex;
    align-items: center;
    justify-content: center;
}
/* ----- Hero Section ----- */
/* Background photo and Black overlay */
#hero{
    background-image: url('Images/bike_background3.jpeg'); /* https://pixabay.com/photos/search/family%20cycling/ */;
    background-size: cover;
    background-position: top center;
    position: relative;
    z-index: 1;
}
#hero::after{
    content: '';
    position: absolute;
    left: 0;
    top: 0;
    height: 100%;
    width: 100%;
    background-color: black;
    opacity: .3;
    z-index: -1; /* Only apply black affect to background */
}
/* End of background photo and Black overlay */

/* Title and Title Animation */
#hero h1{
    display: block;
    width: fit-content;
    color: transparent;
    position: relative;
    font-size: 3rem;
    animation: text_reveal 1s ease forwards;
    animation-delay: 1.5s;
    text-align: center;
}
#hero h1 span{ /* H1 Animation */
    position: absolute;
    top: 0;
    left: 0;
    height: 100%;
    width: 0;
    background-color: greenyellow;
    animation: text_reveal_box 1.5s ease;
    animation-delay: 0.5s;
}
/* END of Title and Title Animation */

/* Text under title and Animation */
#hero .heading_text{
    display: block;
    width: fit-content;
    color: transparent;
    position: relative;
    font-size: 20px;
    animation: text_reveal 1s ease forwards;
    animation-delay: 2.5s;
}
#hero .heading_text span{
    position: absolute;
    top: 0;
    left: 0;
    height: 100%;
    width: 0;
    background-color: greenyellow;
    animation: text_reveal_box 1.5s ease;
    animation-delay: 1.5s;
}
/* END of Text under Title and Animation */

/* Explore Button */
#hero .cta{
    display: inline-block;
    padding: 10px 30px;
    color: white;
    background-color: transparent;
```

```

        border: 2px solid greencyellow;
        font-size: 2rem;
        text-transform: uppercase;
        letter-spacing: 1rem;
        margin-top: 30px;
        transition: .3s ease background-color;
        transition-property: background-color, color;
    }
    #hero .cta:hover{
        color: green;
        background-color: greencyellow;
    }
    /* END of Explore Button
    /* ----- End Hero Section ----- */
    /* ----- Navigation Bar ----- */
    #header{
        position: absolute;
        z-index: 1000;
        width: 95%;
        height: 100vh;
        left: 0;
        top: 0;
        height: auto;
        max-width: 120rem;
    }
    nav{
        padding-top: 3rem;
        display: flex;
        justify-content: space-between;
        align-items: center;
        text-transform: uppercase;
        font-size: 1.5rem;
    }
    .logo {
        font-size: 40px;;
        color: white;
        padding: 1rem 0;
        font-weight: 900;
        display: flex;
        float: left;
        padding-left: 5rem;
    }
    #header nav ul{
        display: flex; /*Change back to flex */
        position: relative;
    }
    #header nav li{
        list-style: none;
        transform: translateX(100rem);
        animation: slideIn .5s forwards;
    }
    #header nav ul li{
        display: inline-block;
    }
    #header nav ul li:nth-child(1){
        animation-delay: 0s;
    }
    #header nav ul li:nth-child(2){
        animation-delay: 0.5s;
    }
    #header nav ul li:nth-child(3){
        animation-delay: 1s;
    }
    #header nav ul li:nth-child(4){
        animation-delay: 1.5s;
    }
    #header nav ul li:nth-child(5){
        animation-delay: 2s;
    }
    #header nav ul li:nth-child(6){
        animation-delay: 2.5s;
    }

    #header nav li a {
        padding: 1rem 0;
        margin: 0 3rem;
        position: relative;
        letter-spacing: 2px;
        color: white;
        font-weight: 1000;
    }
    #header nav ul li a:last-child{
        margin-right: 0;
    }
    #header nav ul li a::before,
    #header nav ul li a::after{
        content: '';
        position: absolute;
        width: 100%;
        height: 2px;
        background-color: greencyellow;
        left: 0;
        transform: scale(0);
        transition: all .5s;
    }
    #header nav ul li a::before{
        top: 0;
        transform-origin: left;
    }
    #header nav ul li a::after{
        bottom: 0;
        transform-origin: right;
    }

```

```

#header nav ul li a:hover::before,
#header nav ul li a:hover::after{
    transform:scaleX(1);
}

/* ----- END of Navigation Bar ----- */

#middle{
    text-align: center;
    padding-top: 3rem;
    background-color: grey;
}

.section-title{
    font-size: 4rem;
    font-weight: 300;
    color: black;
    margin-bottom: 10px;
    text-transform: uppercase;
    letter-spacing: .2rem;
    text-align: center;
    padding-top: 50px;
}

/* ----- Step Through Section ----- */

#projects .container{
    margin: 0 auto;
    max-width: 1200px;
    flex-direction: column;
}

#projects p{
    text-align: left;
}

#projects .project-header h1{
    margin-bottom: 50px;
}

#projects .all-projects{ /* Align contents to center and create column grid */
    display: flex;
    align-items: center;
    justify-content: center;
    flex-direction: column;
}

#projects .project-item{
    display: flex;
    align-items: center;
    justify-content: center;
    flex-direction: column;
    width: 80%;
    margin: 20px auto;
    overflow: hidden;
    border-radius: 10px;
}

#projects .project-info{
    padding: 30px;
    flex-basis: 50%;
    /* background-image: linear-gradient(60deg, #29323c 0%, #485563 100%); */
    background: linear-gradient(0deg, rgba(13,239,255) 0%, rgba(53,215,17,1) 65%);
    color: white;
    height: 100%;
    display: flex;
    align-items: flex-start;
    justify-content: center;
    flex-direction: column;
}

#projects .project-info h1{
    font-size: 2rem;
    font-weight: 500;
}

#projects .project-info h2{
    font-size: 1.8rem;
    font-weight: 300;
    margin-top: 10px;
}

```

```

/* #projects .project-info p{
    color: white;
}

/* #projects .project-image{
    flex-basis: 50%;
    height: 10px;
    width: 10px;
    overflow: hidden;
    position: relative;
}
/* #projects .project-image:after{
    content: '';
    position: absolute;
    left: 0;
    top: 0;
    height: 100%;
    width: 100%;
    background-color: white;
    opacity: .3;
}
/* #projects .project-image{
    transition: .3s ease transform;
}
/* #projects .project-item:hover .project-image{
    transform: scale(1.1);
}
/* END of Projects Section */

/* ----- Sign up form ----- */

.container1{
    max-width: 700px;
    width: 100%;
    background: greenyellow;
    padding: 25px 30px;
    border-radius: 5px;
}
.container1 .title{
    font-size: 2rem;
    font-weight: 500;
    position: relative;
    margin-bottom: 20px;
}
.container1 form .user-details{
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
}
form .user-details .input-box{
    margin-bottom: 15px;
    width: calc(100% / 2 - 20px);
}
.user-details .input-box .details{
    display: block;
    font-weight: 500;
    margin-bottom: 5px;
}
.user-details .input-box input{
    height: 45px;
    width: 100%;
    outline: none;
    border-radius: 5px;
    border: 1px solid greenyellow;
    padding-left: 15px;
    font-size: 16px;
    border-bottom-width: 2px;
}
form .gender-details .gender-title{
    font-size: 20px;
    font-weight: 500;
}
form .gender-details .catagory{
    width: 80%;
    display: flex;
    justify-content: space-between;
    margin: 10px 0;
}
.gender-details .catagory .gender{
    margin-left: 10px;
}

/* ---- End of Sign up form ---- */
/* Keyframes */

@keyframes slideIn{
    from {
        }
        to {
            transform: translateX(0);
        }
    }

@keyframes text_reveal_box{
    50%{
        width: 100%;
        left: 0;
    }
    100%{
        width: 0;
        left: 100%;
    }
}
@keyframes text_reveal{
    100%{
        color: white;
    }
}
/* End Keyframes */

```

```

/* Media Query for Mobile Device */

@media only screen and (min-width: 760px){
    .cta{
        font-size: 2.5rem;
        padding: 20px 60px;
    }
    h1.section-title{
        font-size: 5rem;
    }
    #hero h1{
        font-size: 6rem;
    }
    nav{
        width: 100px;
    }
    #projects .project-item {
        flex-direction: row;
    }
    #projects .project-item:nth-child(even){
        flex-direction: row-reverse;
    }
    #projects .project-item{
        height: 400px;
        margin: 0;
        width: 100%;
        border-radius: 0;
    }
    #projects .all-projects .project-info {
        height: 100%;
    }
    #projects .all-projects .project-image{
        height: 100%;
        width: 100%;
    }
}

```

CSS Validation:

W3C CSS Validator results for TextArea (CSS level 3 + SVG)

Sorry! We found the following errors (2)	
URI : TextArea	
204 #header nav li a	Value Error : font-weight[1000] is not a [font-weight] value [1000]
445 nav	Value Error : width Parse Error

