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<u>Technical document Task 3 Part 1</u>

To this journey, in making an interesting website was full of ups and downs. My vision has came to reality as most pages and components were possible to achieve.

The project showcases to its structure and content various semantics, used sources such as Font Awesome and Bootstrap to insert components, layout, icons and even custom fonts. labelling and interactive elements to ensure that the website is usable by people with disabilities

Alt: People with visual loss cannot understand images being displayed but they can read images by using the alternate text. It's crucial to add information in images, which is why the alt attribute of the image tag exists. There are methods to use the alt attribute; for example, the image in my mission container, the image is displayed but does not contain any informative text therefore the alt becomes decorative. If things were reversed, for instance, in the album gallery, the images showcase Taylor's albums in sequence.

Aria Labels: like screen readers, Aria labels provide additional information about an element's functionality and intended use. Users who might not be able to notice the visual signals might nonetheless receive important information from screen readers Aria label was used in bootstrap' carousel and off canvas button elements.

Keyboard navigation: I have integrated keyboard navigation, users with difficulty sing mouse, can use the tab key to clicks interactive elements, buttons and links.

It provide out of the box keyboard accessibility,tabbable focuable,keyboard operable and anncoed by screen readers.

Font Size and Responsive Design: In "my mission" container, a font size tool has been inserted to make the text readable and remains text being customised font without using unattractive font. The "em" unit helps to ensure the content remains readable across different devices and screen sizes.

I also included to get "Accessibility Insights for Web" extension to give guidance on what elemenets and components needed to changed. It provides lots of tests for the project to run smoothly to be accessible. Including automated check, colour testing, headings, accessible names, landmarks,tab stops and overview testing code.

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Set up project's location and file titles: Before coding, the project was in a secure location. There were multiple files that were used for testing purposes and some of them were not. In all of sudden, Files such as images were not recognisable in the assets folder location and either one or two html files to link to the project. The project has reorganised, placing files to different locations and renamed their titles. In the end, all files are organised, and the project is found in the html, css, images folder, which it contains the HTML files and the "assets" such as css, images, javascript and videos folders.

Colour themes accessibility tool: To accommodate the project's accessibility, I used this tool, which offers a number of colour schemes. It alters the background, header, and paragraph colour. Unfortunately, it conflicted elements in the navigation bar therefore I remove it.

Logo Image: The logo image was intended to set up a button tag that links to home page. As the tag was included in the image, it conflicts the structure of navigation bar therefore it displays just an image. The user can notice when the cursor changes points on the images but did not function the commands.

Add to cart function navigation bar: The add to cart button and its function conflicts with the elements and components projected to the rest of the pages displayed. The off-canvas label structure overlaps with the style of the navigation bar. In conclusion, the function only works efficiently in the home page, it displays the icon in black while the background button is coloured in lilac with border radius of 30px.

Carousel: As the screen size was minimised to mobile size, the carousel's header and paragraph disappears and carousel' indicators shifted to slightly lower location.

My Mission container: The website projected the container as the paragraph has lowered to its position. This was effected due to accessibility tool of font size.

Paragraph: In the main general tag code snippet, the paragraph element's alignment is set to centre position. In the about page, "Her Career" and "Social Insights" sections are slightly unpleasant to read. After rearranging to set individual paragraph element for specific sections, it ignores the function. In addition, when the paragraph element was removed in the main code snippet, it clashes and effected the elements imported and some components used, different example, of the "gallery-item paragraph text", the text was difficult to read because there was a lot of gap between words.

Accessibility tool: From my original plan, I was indented to set the font size tool in the top right corner in My Mission section, which it may be a convenient location for its structure, additionally to colourize to lilac (colour code: CF9FC8) and transform the shape to circle. Overall, the tool stylization can fit to the website's aesthetic appearance as it made colour contrast. There were hectic things made it difficult to function, luckily, I managed to fixed it but effected the paragraph text to shifted slightly lowered position. I had to insert java script code snippet in html file, I could not manage to separate java script file and made link as the function did not well. Moreover when a website is optimised for mobile devices, the accessibility tool disappears.

Promotional strip: From the home page (the index file), the promotional strip displays an image set as a cover of Taylor's albums eras tour poster that features a button in the middle of a picture. I intended to include a header above the image strip unfortunately the text was hidden and displays a white strip section instead. The header tag from style css could not identify when colour was applied. Therefore, I removed the header so than the image will be presented efficient as a cover, at least it let the users know to click the store button that connects to the store page.

Video section: In order to let the users know which video is being showcased, I intended to insert labels of using header 5 size under each imported video however it did not displayed.

Gossip Lane: Gossip Lane timeline chart has minor issue with the right side (.main-timeline .timeline-content:before) element, founded in circles css file. The alignment of the paragraph was affected by the right side of the white line's construction, which was just one level higher than where it connected the image. As the screen size was minimised to mobile size, the chart displayed on top of album gallery.

Contact form: The layout style for the contact form page was intended to divide the container in half, allowing visitors to write information on the left side while an image is displayed on the right. The image displays from above or below the container during the development and after testing. As the end result, the image is not displayed.

Add to attachment button in contact form: The add to attachment button worked effectively during the process, however, it is unable to show any added files or images. When completing an email form, all input labels are displayed but the add to attachment button displays submitted files' labels and not actual uploaded files presented.

In Product details page: The construction of the page is not mobile friendly to use as it appears a bug in the container flex. The product's attributes are position outside the container flex whether the image of the product remains the same location. I used alert label from bootstrap to be recognise as a add to cart notification but it is not auto linked after the button was clicked.

In Order Confirmation Page: After the total section, the billing address does not linked with the users' type inputs.

Improvements:

Carousel*:* For my original plan, the header and paragraph were to be position on the top left corner therefore, the images will not be covered up and to attract the eye to it position. This change, showcases a better view from the carousel, that made it easier to focusing points. Additionality, the images were slightly brighter therefore I applied the brightness filter to decrease the brightness value.

Promotional strip: for potential improvements I would like to try to fixed the header situation and to posited above the store button. In addition to set the brightness level filter same the carousel images. Moreover, to adjust the image' cover positioning as it covers Taylor's facial recognition.

Video section: I suggest to improve the site is by structure the videos as slider, place one video in the middle of the container resized to average size and make remain the rest of the videos of in a

small size, additionally to place arrow toggle buttons from the sides to function the slider from right and left.

Social Media links: Despite by the appearance and functionality, I could remove the underline therefore the text link is understandable and clear for the users.

Taylor Swift UK Eras Tour Dates container: I could insert a slider to display other countries of eras tour images.

The layout structure of home page: As it is, it displays an empty column as the slider demonstrates. By this, I intended to modify all components and elements that have clashed and fixed them, for better user experience.

The layout structure of the about page: The output displays a few components of album gallery and gossip lane containers that overlays on top of each other, therefore I would make adjustments to both of containers to display efficiently when the screen size is minimized. Moreover, I would have create div class for "Her Career" and "Social Insights" paragraph sections to be stylised two tags in style css. This improvement would solved the paragraph alignment situation.

Payment page: For future potential improvements and ideas, I would like to update the structure with various options in mind. The layout would have been divided in half, with the billing address and payment section on the left side and the add to cart section on the right, displaying the users' chosen products' along with their attributes and the subtotal price. In addition to have an edit button that leads to the product details page.

Moreover, would have payment options thus the user can choose to pay with a card or cash, thus including their labels, import icons and checkbox from bootstrap. Evenly to improve delivery choices, users can select either by pick up or delivery along with their icons and check label.

Moreover, before the user clicks the proceed to checkout button, place warning messages in each input text box field.

In Payment cards accepted section: apply a checkbox or use border line elements that signifies the selected card.

Contact form page: In the input fields, I wished to make the text padding in the centre location.

Store Page: Adjust the bottom product cards height to less pixels in the display.

Product Details page: For future improvements, I wished to add element to modify the cursor pointer in the quantity function. To able to resize the image in off canvas component to gain the paragraph text in level. Include a delete button for the user to actually to remove the product from their cart presented. In addition, the footer should be present to inform users that the condition website was created.

To include further suggestions in the website are to incorporate zoom tool to watch the image up close to observe product's material and insert different perspective photos for the convenient purposes to the user.

Album gallery: I intended to setup font weight of the paragraph text.

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Level 5 Year 1 Group B

Influences:

Navigation Bar: I intended to stylized the navigation bar as elegant, edgy and yet pleasant looking that underlines the visual astheic to Taylor Swift identity and personality. I am satisfied to use the hover effect to change tab's colour to white and have an underline transition.

Shopping bag icon: I selected the heart-shaped shopping bag icon for the cart button because I thought it was combines the aesthetic.

Carousel: The carousel images, I used these images in the carousel is because I want to showcase professional and charming appearance when the user lands the website as the first thing they see.

Image Tab: During the research and developments made, I imported a Taylor Swift black silhouette image as benefit for my website.

Videos: These videos are chosen to showcase the hit music video from past and present period.

Social media links: The social media links benefits from the website as many users search for content, interactive entertainments channels evenly to listen her songs online in an easier access and conveniently to use. The icons are displayed as white toggle buttons that change colour when the cursor hovers over them and sets hyperlink text.

Colours: Colours of purple ad laic are mostly used in the project to the reason that together combines a nice attractive contrast in the display.

Album gallery: I was under influence by the Taylor Swift's website of a particular container called Album shops, it displays Taylor's image from past albums in hover effect. The hover effect demonstrates images coloured in grayscale, after the cursor points at one particular image, it regains to its original colour. Thus, to me, it made me tempted to click in one of image's album shop page.

For my website in the album gallery, I used a similar technique to presented Taylor's albums with additional information. I developed each image as a grid structure, made border radius for rounded corners, inserted a header on the top-left corner to showcase their album names to without to cover certain image elements, after the cursor points at the image, the hover effect demonstrates the image transition from right to left side, adjusted the brightness level, insert a white underline the header and presented the information given in middle of the image.

Gossip lane: From the previous website created, I made the profile page' image profile formed in an circle and I continued to use the same process as a timeline chart where I able to introduce a gossip content where mostly target audience/users wished to gain knowledge on how the Taylor Swift clothing style and her music career takes off.

FAQ's: FAQ'S is created based on her fans curiosity. Taylor Swift wishes to connect with fans and stay updated. It is a great way to improve user experience to gain more knowledge.

JavaScript:("constfaqs = document.querySelectorAll") controls which function element."faqs.forEach" tag specific for each question acquires to click and change the direction of arrow icon toggle button."faq.addEventListener" and active " faq.classList.toggle".

Store page: My initial ideas were to include a small number of products that were carefully chosen to appeal to my target audience. The products create interesting attraction to the user to persuade

them in purchase their desired item. The chosen photos not only highlight the items in the present album but also the albums from earlier times in which all of them are included in.

Since the background colour sets to lilac colour, my initial aim was to draw attention to the product images rather than the cards, this minor change changes how the content is perceived. The background colour of cards has been adjusted to avoid conflict with other elements presented example to the View product button setup. In conclusion to the headers and paragraph remains coloured in purple as in my option, I founded it suitable colour that conveys one's mood. I used other colours such as white for simply to gain colour contrast however it gave more focus. The stylization is constructed to match the overall aesthetic.

Product details page: Each in product detail page are stylized differently with a twist. My aim was in cooperate other colours in the displays with this reason it keeps the users more engaged with the website presence. Each image displayed to appropriate size to view. Colours were stylised to set the background, main header title, quantity function and add to cart button. This is also links to the earliest album eras that in hints the colours being chosen. I intended to have a well clear structure of every product detail page presented.

The process that it was made was to include the offcavas compontion when add to cart button function evenly to function the quantity as for every click made in plus and minus, the number highner or lower

Product details Javascript: The img function element it tells the system to change the source url of an image element with the class name slide to the specifed url passed as the anything argument.

Function change , it indicates to select html element which is .home, once the element is selected, the function changes the background property of that element to the value of the change argument.

Quantity Javascript: "Plus.Addeventlistener" obeys the command to set a the number element to go higher number when it clicks. "Minus.addeventlistener" plays the opposite command, it controls the number going to lower value when it clicks.Everytime a user clicks the plus or minus button the number changes that matches the function.

Contact Form: Despite having a missing image element empty on the right side. I made the contact-input coloured in light shade of blue and set the padding with a bigger size with the value of "1.5rem 1.35rem calc(0.75rem - 2px) 1.35rem".

After the user fills his or her requirements in the input fields and clicks the send message button, the user able to witness another page that is design in form submitted url source. The user able to read their detail in the email, with this reason I was under influenced mainly by the functional requirement and the contact form page as never the less it is stylized to the elements and components inserted.

Payment page: From bootstrap layout forms in the gutters section, the layout seems pleasant and adaptable to use. I used the form check tag in the website to display the parcel (a product) updates to the buyer (the user). It showcases without any account needed, the user fills his or her details as a guest.

I adjusted the width bottom hover buttons as, in my options works efficiently in the display and also convenient. I made every text display including the placeholder text with custom font type of "Abril

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FatFace". Inserted image of types of cards that the website can accepts and use column tag to divide the layout with two columns.

Order confirmation page: In the display, I constructed a stylized email template that is founded online in html file, I made a few adjustments to corresponds the website's aesthetic such as the colour, used two custom font type, one for headers while the other used for paragraph. Additionally, I have imported Taylor Swift's logo in the footer section. I liked this template as visually it is designed to keep it clear and understand structured for the users to notify the product's confirmation.

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Test Cases:

Current Problems	Expected output	Actual Output	Pass or Fail	Comments/remarks	Test2 :Pass or Fail	Comments/remarks For test 2
Mobile Responsive	All pages needed to be arranged to mobile size	Few pages have succeed to remain at the place without major changes	Fail			
User able to observe Home page-Carousel's header and body text	As user uses mobile device or minise laptop's screen size, The header, paragraph and indicators should remain in place.	Header and paragraph dispers in display and indicators are shifted to lower position	Fail	The navigation bar is effect due to source of bootstrap URL	Fail	
Home page-"My Mission" container's header, paragraph,image and font size tool	All components should be displayed position realtive	Image sizeand body text	Fail	Without the accessibility tool, the gap disappears	Fail	
Mobile Responsive in "My Mission" section	In mobile size, the image hasto remain to its position and scale portions, paragraph should be posited in the middle on the container with centre alignment	In mobile size, the image has resized in a smaller scale, paragraph is posited in the lower place of the container bad alignment. Additionally, font size tool disappears	Fail		Fail	
Home page-Image strip	Image showcasing of promotional goods with button position centre	Image showcasing of promotional goods but button position top left corner	Fail	Perhaps it conflicts with carousel inner tag	Pass	Have create container-strip tag in div class, in css the image is stylized as a cover with 500 px height,while the button is positied in the middle of the image by specified on top 50% and left 50%.
Home page-The navigation bar	The navigation bar has sorted with width size		Fail	I have success this problem encountered unfortunately it dimmish to other features and components inserted in the website, therefore it remains display	Pass	

				has sorted size		
Home page- Video section	Display a section of four videos in smaller scale size that function well positioned in centre and leave small gap in between them.	Display a section of four videos in smaller scale size that function works and position in centre	Fail	Either does, "Place items" and "align centre" to set the components in the centre. Thinking a wrong tag was used.	Pass	In style css, I specified to display as a grid that allows me to place each of them to position centre by using grid template coloumns and grid template row tags.
Home page- Social media links	User able to click the buttons to visit other social platforms	User able to click the buttons to visit other social platform but has minor colour text malfunction	Fail	Perhaps a missing tag	Pass	Import and "icon:hover i! tag to colour white in style css.
Home page- International tour dates image	User obsever Uk ERAS Tour poster in average size and positioned in centre in the container	Displayed average size position in centre	Fail	Used "place items centre" but it didn't not work	Pass	Used margin left of 25% tag in style css
User selects the logo image as button in navigation bar	Taylor swift logo image can function as a button to link the index page.	Displayed only Taylor swift logo	Fail	I insert the link but conflicts other tabs positioning and add to cart feature.		
Home page- In visual studio code		Line 32 the button was not permitted under ul	Fail			
Home page- In visual studio code		Line 36 div was not permitted under ul	Fail			
About page - container "Her Carrer" and "Social Insight" alignment	The user observes two different containers with information and images	The paragraph alignments is set to centre and did not have padding left from the images	Fail	As I ranged the alignment using text-align tag, it conflicts the main's paragraph along with the accessibility(font size) function, therefore it remains centre positing.		
Album Gallery section	The user observes a header and underline along ten albums images, which a hover effect was made that displays body text.	It displays a long gab in between the header and images.	Fail		Pass	I arrange the gossip lane section margin-bottom to 15px therefore I increase the height from album galley and arrange the header gab using tag margin top to

						40%
About page- Gossip Lane section	The user able to see timeline that includes images, header and body text starting from left to right.	The right side of the chart has minor issue with white line placement as it conflicts body text weirdly aligned justify.	Fail	Either made centre	Fail	
About page- In Visual studio code		Misclose tag lines 42,44,56 and 58 in html	Fail	After the arrangements were, in the display, it dimmish the structure of the layout		
Store/Product page- Footer	The user can see the footer displayed colour text white use font family of Courier New', Courier, monospace;	The footer is stylised differently, it displayed lots of gab in footer tag	Fail	Needs to modify line heights and change font family	Pass	Specified card body paragraph and footer paragraph, arranged font weight, line-height to 22px and margin-top: 1%.
Store/Product page- Cards	Cards should displayed positioned centre with small gap between	They are displayed positioned centre but without gap in between	Fail	Perhaps to use padding or margin tag to calculate the gab space.	Pass	Use margin top and margin right tags in store css
Products details pages-	Quantity function should be linked with add to cart function	Quantity function does not link with add to cart function	Fail	Perhaps using link tag	Fail	
Contact form - Navigation' tabs	The navigation bar tab's needs to be position centre	The navigation bar tab's needs to be position centre	Pass	Removed duplicate tags		
Contact form- image imported	Next to contact form an image should be displayed on the right side of the container	The image it displayed on above and under the contact form container	Fail	Could perhaps a wrong tag was used.	Fail	
Contact form- Form submit	After the user hits send message button, a Form submit page displays Thanks for submitting and hit URL domain name of the site	The url link takes the user to unknown project's folder page, therefore the user can not go back to home page.	Fail	I typed my custom domain but did not showcase the actual project but instead a firewall	Fail	This could be the reason the program was not in sync with the project.
Contact form- errors		Html, form tag (line 46) not permitted as a descendent	Fail		Fail	
Contact form- errors		In Html, submit tag (line 74), prefer to use button instead	Fail			
Contact form-		Html, button tag (line	Fail	After testing, I		

Errors		72) missing type attribute		managed to succeed but will effect the entire function.		
Payment page- Payment card image	The user can select any card image, they wish to purchase	The user is unable to choose a card from the image; it simply displays	Fail	Might have to insert a button tag and a checkmark icon tag	Fail	Without a checkmark icon, the button tag is useless.
Payment page- Warrings		Line 67 and 68 indicates the border colour element does not recognise its variable.	Fail	The colour elements need to be specific to the command variable		
Payment page- errors		Line 38 bad value for form action	Fail	After putting a value, a submit tag was not found	Fail	
Order Confirmation page- Container- Products list	User able to view the selected product/s that matches the system	No matter the user selects a product and quantity they do not sync to the confirmation page	Fail	perhaps to create java script file to link product name and quantity and to calculate product's price efficiently.		
Order Confirmation page- Container- Delivery Address	User able to view his or her delivery address in the container position centre	The user views the generic delivery address in the left side.	Fail	Something goes wrong in tag css file	Fail	Did not managed to sync delivery address however the paragraph is positioned in the centre by using Line height for 24px and padding-top of 10px.
Order Confirmation page errors and code organising		The style code has collectively placed in html file	Fail	Did not manage to put style components in a new css file	Fail	Did not manage to put style components in a new css file