Universal Design
Assignment 2

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Part A:

Introduction:
According to the National Disability Authority (2020), the E.U. Web Accessibility Directive (Directive (EU) 2016/2102), outlines how the websites and mobile applications of any public sector body must be accessible to any person with a disability. This accessibility being defined under the Irish legislation as being 'Perceivable, Operable and Usable' by persons with disabilities, allowing for use on a multitude of systems and different environments, including with the differing assistive technologies available.

Background:
The implications of the directive range beyond the legal requirements for public websites and mobile applications to meet guidelines, as laid out above. The positive social, psychological and economic implications are and will continue to be a key implication and outcome of the directive.
As Ferri and Favalli (2018) explain, the directive comes under the parent branch of the United Nations Convention of the Rights of Persons with Disabilities, which shows and brings to light how accessible technology, in particular with regards to web technologies, can enable, promote and encourage the participation and incorporation of those with disabilities into society.
They go on to outline how giving these groups of individuals access to information and communication technologies has allowed them to further engage with education and working industries, where this access would not have previously been achievable. This access to web technologies providing clear and obvious "*economic, educational, social and health-related advantages"* (Macdonald & Clayton, 2013) and that *"gaining access to a computer, smart phone or the Internet greatly positively impacted on their lives"* (Kline et al., 2017).
Technology can have the adverse effect however, providing a divide between those with disabilities whom cannot access and those without whom can. This digital exclusion providing unfair disadvantages and barriers. Given the rapid growth and usage of online and digital media and information sources, providing accessibility to all is key for social inclusion, hence the need for a legal directive to ensure compliance with the accessibility guidelines.

Timeline:
The directive came into force from the 22nd December, 2016. E.U. member states were given until 23rd September, 2018 to incorporate this directive into their own legal constitutions, making it mandated and enforceable within those steps. Deadlines were then set for this accessibility to be implemented into the systems, with any pre-existing websites having two years, until the 23rd September, 2020 to meet the new accessibility guidelines. Any newly created websites (after 23rd September, 2018), having one year, until 23rd September, 2019 to meet the guidelines and finally all mobile applications having until 23rd June, 2021 to become accessible.

Irish Legislation & Monitoring Body
The EU Directive was included in the Irish statute by Minister for Communications, Climate Action and Environment, Eamon Ryan and outlines the definitions of the guidelines within the parameters of the Irish statute (Ryan, 2020).
The national body named, under the above regulations, for monitoring these regulations within Ireland is the National Disability Authority (NDA) (National Disability Authority, 2020). The NDA being required to perform periodic checks of the websites and mobile applications of public sector bodies for their adherence to the regulations, under the methodology outlined in the Commission Implementing Decision (EU 2018/2514) laid out by the E.U. (European Union, 2018). Whilst also submitting the findings of any of these checks, along with any complaints made by members of the public regarding the adherence to the regulations, to the Minister for Communications, Climate Action and Environment. These reports by the NDA to the minister being available to the public (National Disability Authority, 2020).

Guidelines:
The directive is reviewed against the European standard EN 301 549, which is based on the Web Content Accessibility Guidelines (WCAG) 2.1. An overview of these standards is as follows:
WCAG 2.1 has a structured layer of guidance towards accessibility, this begins with four main principles, under the acronym POUR: Perceivable, Operable, Understandable and Robust. These are the main headlines that the guidelines fall under. There are 13 guidelines which lay out the

objectives a website, application or other should aim towards in order to reach compliance. For each of these, a success criteria is outlined. These criteria are the means in which a site or application are tested to determine the level of conformance to which they adhere to; either A, AA or AAA, going from lowest to highest respectively. In order to assist developers in creating or adapting sites and apps to conform, a list of sufficient and advisory techniques are also outlined. These show the ways in which a tool can be made accessible. The sufficient techniques show the minimum ways that a tool can meet the success criteria mentioned above, the advisory techniques shows those that go above and beyond (W3C, 2018).

Part B:

B.1.1:

Manual evaluation on how the DIT website fails to meet WCAG 2.1 Checklist as listed on the W3 and WebAIM websites (DIT, 2021; W3C, 2018; WebAIM, 2018).

1.1 Text Alternatives
1.1.1 Non-Text Content: TUDublin Logo has alt text, however not sufficient as the logo is acting a link to the homepage and the alt text does not indicate this, nor is there any accompanying text to indicate so.
No alt text provided on background banner image, however this image is acting in a decorative manner and therefore, no alt text needed to be provided.
Alt text of image within Study link is not informative. Given that the image is encompassed within a link and is acting solely as the link, informative alt text should be provided indicating the link location. Same case applies for the Research image link.
Images within News banner have no alt text provided. These images are acting as the sole links to the relevant news articles, therefore appropriate alt text should be provided.
No alt text provided on image within Collaborate section, however this is appropriate given that an informative heading is accompanied by the image, both the image and text within a link, meaning that the text can describe the link and an empty alt attribute is acceptable.
Appropriate alt text provided for images in footer section of site, outlining the text within the images.

1.2 Time Based Media
1.2.2 Captions (Prerecorded): No captions provided for Youtube videos embedded in site under 'The Student Experience' section.
1.2.3 Audio Description or Media Alternative (Prerecorded): No audio description provided for videos mentioned in 1.2.2 above.

1.3 Adaptable
1.3.1 Info and Relationships: Headings are presented in large, bold font, distinguishable from paragraphs and other text elements. List items within navigation bar and footer are not bulleted or indented. Similar elements are presented in a grid form, separated from each other by white space with the use of Bootstrap CSS.

1.4 Distinguishable
1.4.3 Contrast (Minimum): The following colour contrasts were checked in the site: White text on aqua blue background, 2.81:1 contrast ratio. White text on dark blue background, 9.18:1 contrast ratio. White text on grey background, 3.29:1 contrast ratio.
1.4.4 Resize Text: Text handled being resized to 200% with no loss of content or functionality, no horizontal scroll bars appearing.
1.4.10 Reflow: Content presented without loss of information or functionality when at 400% zoom (320 CSS pixels width).

2.1 Keyboard Accessible
2.1.1 Keyboard: All functionality of content accessible and operable through the keyboard by user of the tab key. Navigation fully available between all links on site available this way, confirming selection with the use of the enter key.
2.1.2 No Keyboard Trap: Focus able to moved away from components using keyboard when focus moved there by keyboard, indicating no keyboard traps present.
2.1.3 Keyboard (No Exception): All page functionality appeared to be fully available with use of only the keyboard, without requiring specific timings.

2.2 Enough Time
2.2.1 Timing Adjustable: No time limits found within site, therefore no added options to turn off, adjust, extend, etc. needed to be provided.
2.2.2 Pause, Stop, Hide: No moving, blinking, scrolling, or auto-updating information, so compliance is automatic.

2.2.3 No Timing: Timing is not an essential part of any activity within the displayed content of the site, therefore site is compliant.

2.3 Seizures and Physical Reactions
2.3.1 Three Flashes or Below Threshold: Website does not contain any content which breaches the three flashes per second guideline.
2.3.2 Three Flashes: Same as 2.3.1, no three flashes in any one second period.
2.3.4 Animation from Interactions: News carousel animation cannot be disabled and is not essential to convey information, given that all news articles could be displayed in non-carousel form.

2.4 Navigable
2.4.1 Bypass Blocks: No option provided to skip repeated information such as the navigation bar and proceed directly to main content of selected page.
2.4.2 Page Titled: Appropriate title displayed in browser tab, verified by checking title tag in source code. Title updates to be relevant for whichever page is being displayed during navigation around site.
2.4.4 Link Purpose (In context): Purpose of links within the site can be determined by a combination of the link text together with its context.
2.4.5 Multiple Ways: Webpages within the site are accessible/locatable via the navigation bar drop down or by links provided on the parent page, therefore can be located in multiple ways.
2.4.6 Headings and Labels: Heading labels <h2> down through <h5> used through site, in most instances being used correctly, however some alteration to size of headings to make different level of headings appear as the same text size. Heading tags of level 5 also used in navigation bar without any related parent heading tags, encompassed in links instead.
No use of labels for input fields, specifically search box and find your course dropdown.
2.4.7 Focus Visible: When navigating using the keyboard, the focus indicator is visible by means of a dotted box around the focused element.
2.4.8 Location: Location within a set of webpages is available by means of a breadcrumb system, indicating parent page, grandparent page and so forth.
2.4.9 Link Purpose (Link Only): Some links within page provide sufficient information with link text only to identify the purpose of that link. However, not the case for every link on the site, therefore, only partial compliance.

3.1 Readable
3.1.1 Language of Page: Language is defined using html lang attribute (<html lang="en">) when language is at default of English. However, lang attribute does not change to Gaeilge (ga-IE) when language is changed on the site.
3.1.2 Language of Parts: Html element containing 'Gaeilge' does not have appropriate indicator that that element is in a different language to the default language, same case applying to when site is in Irish and element contains 'English'.
3.1.4 Abbreviations: No abbreviation tags provided in html code, however abbreviations present across site, such as the TU in TUDublin, CAO, FAQs and IT.

3.2 Predictable
3.2.1 On Focus: No element on the page causes a substantial change to the page when it receives focus.
3.2.2 On Input: Input fields react as expected, causing page redirects. On input to the search bar, page redirects to the search results page.
3.2.3 Consistent Navigation: Navigation bar sub links remain in order when navigating through the site. Exception to this being the sub links of the Study At TUDublin sub links which redirect to the TU Dublin site, as opposed to the DIT site.

3.3 Input Assistance
3.3.1 Error Identification: Form validation errors do not exist as no forms present. Only input is the search bar, into which any data can be inputted, simply displaying no results if incorrect data.

4.1 Compatible
4.1.1 Parsing: Not all HTML Elements have complete start and end tags, there are occasional stray end tags, such as </header> and . No duplicate attributes found within elements, however some duplicate IDs were found.

B.2.1:

Use of online evaluation tools to determine how the DIT website fails to meet WCAG 2.1 Checklist. Four online evaluation tools used for this process, all results attached within Appendix of this document. (DIT, 2021; Ace, ND; FAE, ND; Taw, ND; Wave, ND).

B.3.1:

Comparison between manual evaluation and use of online evaluation tools on DIT website (DIT, 2021).

1.1.1 Comparison: Online tool detected all empty alt attributes as warnings, whereas the manual evaluation showed that a lot of the empty alt attributes were acceptable due to the images being either background images or the context provided in the text.
Online tool picked up the same missing labels as the manual check for the form elements.
1.2.2 Comparison: Online tool was not able to detect the missing captions for the embedded YouTube video that was discovered during the manual evaluation.
1.3.1 Comparison: Online tool was able to detect more of the technical/code failures for the info and relationships guideline. Whereas the manual check picked up more on the failings and successes of the visual structure of the site.
1.4.3 Comparison: Online tool was able to test more of the elements on the page and the contrast between them, therefore, it was able to detect more of the times where the site failed to meet the minimum contrast ratios, but also more of the places that the site succeeded to meet the ratio.
2.1.1 Comparison: Online tool was not able to effectively detect if the website was fully accessible by keyboard, nor if any areas of the site would act as keyboard traps. Manual evaluation more effective in this instance to physically move through each element on page using keyboard and detect any traps or inaccessible areas.
2.2.1 Comparison: Online tool also not able to effectively gauge if there are any time limits within site, nor able to detect if any moving, blinking, scrolling information able to be paused, stopped or hidden as under criteria 2.2.2. Manual evaluation test succeeding in this instance in better detecting how the site meets these criteria.
2.3.1 Comparison: Similar situation as 2.2.1 above, where online tool could not detect if site breaches three flashes per one second period limit. Manual evaluation and observation of site succeeding over online tool here again, by simply watching page and checking if any content has three flashes per second.
2.4.1 Comparison: Online tool unable to detect bypass option to skip repeated information, however none present. Online tool going further than manual evaluation here and detecting structure warnings for no content between two headers of same level, in twenty one places. Online evaluation having a better understanding of the exact criteria for this check, whereas the manual evaluation running into an ambiguous understanding of the criteria.
2.4.2 Comparison: Online tool able to detect that page is titled, however unable to determine if the title is appropriate and descriptive, given the context of the site and location within the site. Manual evaluation taking precedent here in understanding context and natural language.
2.4.4 Comparison: Online tool detecting thirty three empty links within page, whereas manual evaluation focusing more on purpose of links. Ambiguity in understanding criteria requirements most likely causing the differing results.
2.4.6 Comparison: Online tool and manual evaluation both detecting misuse of heading tags here, online tool able to detect more comprehensively the number of errors/warnings within the site due to speed. Manual evaluation of all heading tags would take significant resources, whereas online tool can check in a number of seconds.
2.4.7 Comparison: Online tool unable to detect if element is displayed as focused, whereas manual evaluation could provide instant visual confirmation.

2.4.9 Comparison: Online tool detecting that different links had the same link text, but navigated to different destinations. This being a more in-depth result that manual evaluation, again due to speed of execution.
3.1.1, 3.1.2, 3.1.4 Comparison: For all instances where the criteria being checked is related to interpretation of language, online tool failed to properly detect if website met the criteria due to online tools not being able to fully interpret language and its meaning. Manual evaluation necessary and succeeding here to detect if site met or failed these criteria more fully, as able to comprehend natural language.
3.2 Comparison: Online tool providing ambiguous results as to criteria 3.2.1 through 3.2.3. Online tool relying on interpreting scripts of page to determine how focus, input and navigation affects the page and the site. Manual evaluation proving to be more effective here by means of visual checks to see how page is effected by varying focuses and inputs and to verify if navigation remains consistent across site.
3.3.1 Comparison: Online tool and manual evaluation providing same results, both noting that no error identification present on input elements of page.
4.1.1. Comparison: Online tool providing more in-depth results for parsing, given ability to check all code in a much shorter period of time. Manual evaluation providing some of the same errors and warnings, however significantly more time needed for manual evaluation to supply the same number of warnings as online tool.

General Comparison:
It appeared that any checks which required a human interpretation of the page, whether that be items such as the language within the page, the context of an element or location, an image or its alt text or a visual interpretation of page elements, then the manual evaluation would prove to be more reliable and produce more errors and warnings. This makes sense given the current online tools capabilities of interpreting natural language and context.
This is balanced out when it comes to the criteria being less subjective and more objective, for example any place where just the code was being examined, for example with regards to complete code, matching tags, number of header tags, empty links, correct labelling of form elements and so forth. In these instances, the online tools were far more effective, able to detect many more errors and warnings in a much smaller time period. Another area where the online tool proved to be more effective was where the criteria could be misinterpreted or interpreted ambiguously by the manual tester. Here, the online tools could provide an absolute check of the site and provide results as such.
In conclusion, both tests are necessary to catch the widest range of errors and warnings across the site, the online tools proving more effective in some areas, the manual evaluation in others.

B.4.1:

Remedial actions to take in order to make DIT website compliant with WCAG 2.1 Checklist as listed on the W3 and WebAIM websites (DIT, 2021; W3C, 2018; WebAIM, 2018).

1.1.1 Remedy: For the TUDublin logo, change the alt text to indicate that the logo is acting a link to the homepage of the site, i.e. alt="TU Dublin Homepage".
Where links are duplicated, one in image form, then below in text form, include the image within the text link. Therefore, the text will provide an adequate description of the link and no alt text will be necessary for the images, simply an empty alt attribute (alt="").
For the images within the News banner, below the images is descriptive text of the news articles, the headings of these articles should be included within the link, along with the image to mitigate any need for alt text of the images.
1.2.2 & 1.2.3 Remedy: Provide more in-depth range of tools for videos provided on site: ability to control speed of playback included. Mostly though, provide captions for all audio of media within site, along with a transcript of all audio within site. As well as this, provide an audio description version of all video content, along with an alternative video option, containing a sign language version of the accompanying audio.
1.3.1 Remedy: Provide bullet points for all list items within site to allow each list item to be effectively and properly distinguished and identified. Change grid items on site from a CSS layout to a table layout to organise elements, this will allow for screen readers to more effectively interpret the page's content and relay that information to the user.

1.4.3 Remedy: Avoid low contrast ratios when placing text on coloured background. If coloured backgrounds wanted to be kept, replacing white text with black text would increase contrast ratios where the background is a light colour, such as the aqua blue. Perform contrast checks on all areas of the site before deployment to ensure that minimum standards are being met.
2.3.4 Remedy: Provide alternative method of displaying news articles, such as in list form, or with the use of a table format. Either option will remove the animation currently present. Alternatively, provide option to disable animation on current layout.
2.4.1 Remedy: Provide option at top of each page which will allow the user to bypass the repeated navigation area of the site and scroll directly to the main content of the page. The navigation bar still being present and accessible by scrolling up if the user needs to navigate to a different section of the site.
2.4.6: Remedy: Provide the appropriate use of heading tags throughout site, if larger text size needed, using the heading tag to achieve that size. Ensure that all heading tags have parent heading tags of at least one level up. Provide appropriate labels for all input fields.
2.4.7 Remedy: Whilst element in focus is visible when navigating through site, a more obvious focus indicator would be more suitable. This perhaps being a solid line box around the focused element as opposed to the current dotted box. Ensuring that the solid line has sufficient contrast to the element that it is focused on.
2.4.9 Remedy: Ensure that across site, every link's destination is determinable by link text only. Ensuring that no two links have the same link text and each is uniquely identifiable.
3.1.1 Remedy: Ensuring that when language of page is updated (changing from English to Gaeilge and vice versa), the html lang attribute is also updated correspondingly. That is that when the page is displayed in English, the html lang attribute is listed as 'en', and when displayed in Gaeilge, the attribute is listed as 'ga-IE'. This will allow screen readers to properly determine the language of the page and adapt correspondingly.
3.1.2 Remedy: For sections of the site displayed in another language, for example, for the option to change the language in which the site is displayed, ensure that that element's attribute indicates that the element is in a different language to the default language of the page, as indicated in the html lang attribute.
3.1.4 Remedy: For any place where abbreviations are used within the site, have the correct usage of the html abbreviation tag (<abbr>). This will allow the user to hover over the abbreviation and determine the non abbreviated text. For example, for CAO, provide html as: <abbr title="Central Applications Office">CAO</abbr>, so that the user can determine the meaning of the abbreviation without having to navigate to a different site and look it up themselves.
3.2.3 Remedy: If certain pages of the site are redirecting to the TUDublin domain's version of those pages, then move the entire website over to the TUDublin domain to avoid any elements within DIT's site's navigation bar redirecting to TUDublin and providing inconsistent navigation.
3.3.1 Remedy: Provide simple form validation on search input element. If only text input allowed, then indicate so within html, so that user can see if special characters are being entered, an error will be thrown and screen readers can better interpret this to their users.
4.1.1 Remedy: Ensure all html has been validated before deploying to site, match all end or closing tags with their start/opening tags to ensure no strays. Create more in-depth IDs to ensure uniqueness for IDs of all elements. Validation can be checked within the IDE being used to write the code or with an online validator.

B.1.2:

Manual evaluation on how the An Post website fails to meet WCAG 2.1 Checklist as listed on the W3 and WebAIM websites (An Post, 2021; W3C, 2018; WebAIM, 2018).

1.1 Text Alternatives
1.1.1 Non-Text Content: An Post logo has sufficient alt text provided given that it is acting as link back to the homepage and no accompanying text is provided.
Background image has no alt text provided, however this is sufficient, given that it is used only as a decorative image.
Oscar bot image has alt text, however, this is insufficient given that the alt text of 'Oscar bot' does not fully describe what the clicking the image will result in.
Other images on the site within the main content are acting as links, however are accompanied by descriptive text, therefore alt text for the images is not required.
Rest of images and icons on the page are not constructed using the <img> tags, are simply shown as links, therefore no alt text provided. However appropriate title for these links provided, informing the user of where the link goes to, as opposed to describing the decorative image.

1.2 Time Based Media
1.2 Time Based Media: No audio or video, either recorded or live, could be found within site, therefore, no captions, transcript or alternatives needed to be provided.

1.3 Adaptable
1.3.1 Info and Relationships: Entire homepage appears to be wrapped in a form, for no apparent reason, which could give confusion to screen readers and their users. Appropriate usage of header tags, h1 down through to h5 within page, as well as <p> tag beneath them.
1.3.2 Meaningful Sequence: Reading and navigation order is logical and intuitive moving from the top of the page and working left to right, as is the natural method of reading and interpreting content and language in English.
1.3.3 Sensory Characteristics: Instructions backed up by text in all circumstances, no reliance on shapes or sound.

1.4 Distinguishable
1.4.1 Use Of Colour: Colour not used as the sole method of conveying content, always backed up by text and icons. Colour contrast is solely relied upon to distinguish links from surrounding content, however, appears to be sufficient contrast between the foreground and background elements to distinguish. Links become underlined when hovered over or are highlighted by box when receiving focus by means of the keyboard.
1.4.3 Contrast (Minimum): Green/black contrast ratio meeting of 5.39:1. Light green/white contrast ratio of 4.56:1. Dark green/white contrast ratio of 7.43:1. Black/white contrast ratio of 21:1.
1.4.4 Resize Text: Text handled being resized to 200% with no loss of content or functionality, no horizontal scroll bars appearing.
1.4.8 Visual Presentation: Width of content is not more than 80 characters wide. All text is not fully justified. All line spacing within paragraphs appears to be adequate and meet minimum standards. When text size resized to 200%, no horizontal scrolling required in order to read a line of text within a full screen window.
1.4.10 Reflow: Content presented without loss of information or functionality when at 400% zoom (320 CSS pixels width).
1.4.13 Content on Hover or Focus: When navigation items are hovered over with the mouse, a drop down menu is displayed. The only apparent way of dismissing this new content is to move the pointer away so that it is no longer hovering over the navigation item. No option seems to be present to allow the newly created content to be dismissed by means of a keyboard shortcut. When pointer hover causes additional content to be displayed, change of pointer hover to the newly displayed content can be performed without the new content disappearing. This new content remaining visible until pointer hover/focus is moved away from the content.

2.1 Keyboard Accessible
2.1.1 Keyboard: All functionality of content accessible and operable through the keyboard by use of the tab key. Navigation fully available between all links on site available this way, confirming selection with the use of the enter key.
2.1.2 No Keyboard Trap: Focus able to moved away from components using keyboard when focus moved there by keyboard, indicating no traps present.
2.1.3 Keyboard (No Exception): All page functionality appeared to be fully available with use of only the keyboard, without requiring specific timings.

2.2 Enough Time
2.2.1 Timing Adjustable: No time limits found within site, therefore no added options to turn off, adjust, extend, etc. needed to be provided.
2.2.2 Pause, Stop, Hide: No moving, blinking, scrolling, or auto-updating information, so compliance is automatic.
2.2.3 No Timing: Timing is not an essential part of any activity within the displayed content of the site, therefore site is compliant.

2.3 Seizures & Physical Reactions
2.3.1 Three Flashes or Below Threshold: Website does not contain any content which breaches the three flashes per second guideline.
2.3.2 Three Flashes: Same as 2.3.1, no three flashes in any one second period.
2.3.4 Animation from Interactions: Does not appear to be any motion animations used within site, therefore no need to provide option to disable.

2.4 Navigable
2.4.1 Bypass Blocks: 'Skip to Main Content' option available when navigating through site in order to bypass the navigation bar and repeated information at the top of the page and skip directly to the main content of the selected page.
2.4.2 Page Titled: Appropriate title displayed in browser tab, verified by checking title tag in source code. Title updates to be relevant for whichever page is being displayed during navigation around the site.
2.4.5 Multiple Ways: Webpages within the site are accessible/locatable via the navigation bar drop down or by links provided on the parent page, therefore can be located in multiple ways.
2.4.6 Headings and Labels: Correct usage of heading tags from h1 down through to h6 to distinguish elements and sections and allow for navigation. Correct sizes of font under the related heading tags.
2.4.8 Location: Location within a set of webpages is available by means of a breadcrumb system, indicating parent page, grandparent page and so forth.
2.4.9 Link Purpose (Link Only): Sufficient information provided in link text only to identify the purpose of each link on the page.

3.1 Readable
3.1.1 Language of Page: Language is appropriately defined using HTML lang attribute (<html lang="en">). When page loads, default language is English, lang attribute also displaying this. When page language updated to Gaeilge, lang attribute appropriately updated to reflect change (lang attribute now set as "lang=ga-IE").
3.1.2 Language of Parts: For language selection option within site, html element containing other language choice does not have an appropriate indicator that that element is in a different language to the default language, as shown in html lang attribute.
3.1.4 Abbreviations: No abbreviation tags provided in html, however abbreviations present across site, such as PPS, APR, CCPC, etc.

3.2 Predictable
3.2.1 On Focus: No element on the page causes a substantial change to the page when it receives focus, therefore no change of context initiated.
3.2.2 On Input: Input field of post tracking causes expected reaction and no change in context. On input and submission, only tracking element is changed, the context within the scope of the page and and the site remains the same.
3.2.3 Consistent Navigation: Navigation bar sub links consistently remain in corder when navigating throughout the site.

3.3 Input Assistance
3.3.1 Error Identification: Input errors not automatically detected on tracking number input, any data allowed to be inputted. If invalid data inputted, then page simply returns with no results, as opposed to indicating that tracking number is invalid.
3.3.2 Labels or Instructions: Appropriate label provided for tracking number input.

4.1 Compatible
4.1.1 Parsing: Some duplicate IDs found in html code. Occasional duplicate attributes within html tags. Very few stray tags. Minimal number of issues overall.

B.2.2:

Use of online evaluation tools to determine how the An Post website fails to meet WCAG 2.1 Checklist. Four online evaluation tools used for this process, all results attached within Appendix of this document. (An Post, 2021; Ace, ND; FAE, ND; Taw, ND; Wave, ND).

B.3.2:

Comparison between manual evaluation and use of online evaluation tools on An Post website (An Post, 2021).

1.1.1 Comparison: Online tool detected all empty alt attributes as warnings, where the manual evaluation showed that a lot of the empty alt attributes were acceptable due to the images being either background images or the context provided in the text.
1.3.1 Comparison: Online tool was able to detect more of the technical/code failures for the info and relationships guideline.
1.3.2 Comparison: Similar to 1.3.1, the online tool was able to analyse more completely the site, showing a warning for the absolute positioning of an element, which the manual check was not able to pick up on.
Online tool picked up extra missing labels than the manual check for the form elements.
1.4.3 Comparison: Online tool was able to test more of the elements on the page and the contrast between them, therefore, it was able to detect two areas where the site failed to meet the required contrast ratio. Due to the difficulty in testing exact contrast ratios by manual means, the online tool proved more effective and useful here.
2.1.1 Comparison: Online tool was not able to effectively detect if the website was fully accessible by keyboard, nor if any areas of the site would act as keyboard traps. Manual evaluation more effective in this instance to physically move through each element on page using keyboard and detect any traps or inaccessible areas.
2.2.1 Comparison: Online tool also not able to effectively gauge if any time limits within site, nor able to detect if any moving, blinking or scrolling information able to be paused, stopped or hidden as under criteria 2.2.2. Manual evaluation test succeeding in this instance in better detecting how the site meets these criteria.
2.3.1 Comparison: Similar situation as 2.2.1 above, where online tool could not detect if site breaches three flashes per one second period limit. Manual evaluation and observation of site succeeding over online tool here again, by simply watching page and checking if any three flashes present.
2.4.1 Comparison: Online tool unable to detect bypass option to skip repeated information, despite one being present, where manual evaluation was able to detect. Online tool going further than manual evaluation in detecting structure and semantic warnings for heading nesting and no content between two headers of same level, appearing in three and one places respectively. Online evaluation having a better understanding of the exact criteria for this check, whereas the manual evaluation running into an ambiguous understanding of the criteria.
2.4.2 Comparison: Online tool able to detect that page is titled, throwing one warning for not having a descriptive title. However, the manual evaluation shows that the title is appropriate and descriptive. The online tool being unsuccessful to fully gauge the appropriateness of the titles,

given the lack of understanding of context of the page, its location within the site and the natural language used within the title.
2.4.4 Comparison: Online tool detecting four empty links within page, whereas manual evaluation focusing more on purpose of links. Ambiguity in understanding criteria requirements most likely causing the differing results. Online tool also able to identify thirteen links with the same link text, but directing to different destinations, which the manual test had not identified.
2.4.6 Comparison: Online tool detecting thirty eight warnings for non appropriate content of headers and labels. The manual evaluation not showing the same warnings here, as the content believed to be appropriate given the surrounding context of the content. However, possible that the online tool able to detect warnings more comprehensively than the manual evaluation, due to the manual evaluation of all heading tags taking significant resources, whereas the online tool having the ability to check all of them in a number of seconds.
2.4.7 Comparison: Online tool unable to detect if element is displayed as focused, whereas manual evaluation could provide instant visual confirmation.
2.4.9 Comparison: Online tool detecting that thirteen different links had the same link text, but navigated to different destinations. This being a more in-depth result that manual evaluation, due to speed of execution of which the online tool can sift through the source code of the page.
3.1.1, 3.1.2, 3.1.4 Comparison: For all instances where the criteria being checked is related to interpretation of language, online tool failed to properly detect if website met the criteria due to online tools not being able to fully interpret language and its meaning. Manual evaluation necessary and succeeding here to detect if site met or failed these criteria more fully, as able to comprehend natural language.
3.2 Comparison: Online tool providing ambiguous results as to criteria 3.2.1 through 3.2.3. Online tool relying on interpreting scripts of page to determine how focus, input and navigation affects the page and the site. Manual evaluation proving to be more effective here by means of visual checks to see how page is effected by varying focuses and inputs and to verify if navigation remains consistent across the site. One exception to this being on criteria 3.2.2, where the online tools were able to detect a non-standard submission of form error, which the manual evaluation had not detected.
3.3.1 Comparison: Online tool and manual evaluation providing same results, both noting that no error identification present on input elements of page.
4.1.1. Comparison: Online tool providing more in-depth results for parsing, given ability to check all code in a much shorter period of time. Online tool finding five errors relating to page being well-formed and nineteen warnings regarding css validity. Manual evaluation providing some of the same errors and warnings, however significantly more time needed for manual evaluation to supply the same number of warnings as online tool.

General Comparison:
As mentioned in comparison between manual evaluation and online tools in section B.3.1, the manual evaluation checks being more successful in determining the failings where a human interpretation of the page is required. The online tools being more successful in the speed in which they can check pages and their source code, finding any validation errors in the code much more effectively than a manual check.
In conclusion, both tests are necessary to catch the widest range of errors and warnings across the site, the online tools proving more effective in some areas, the manual evaluation in others.

B.4.2:

Remedial actions to take in order to make An Post website compliant with WCAG 2.1 Checklist as listed on the W3 and WebAIM websites (An Post, 2021; W3C, 2018; WebAIM, 2018).

1.1.1 Remedy: For Oscar bot image, provide more informative alt text describing what Oscar bot does and that clicking the image will open up the chat box to allow for typing of messages.
1.3.1 Remedy: Remove containing form from page, as it appears to be redundant.
1.4.13 Remedy: Provide keyboard shortcut to dismiss content which is created and displayed by pointer hovering or focusing on element. Example shortcut would be to use escape key, given this would be the most intuitive for users to use to ‘escape’ from newly displayed content.
3.1.2 Remedy: Provide inline html lang attribute for any elements on page which are of a different language than that indicated in page html lang attribute. For example, when page is in default

language of English and page html attribute indicates as so (lang="en"), indicate that the option to change the language is in a different language, for example: <p>Change language to <a href="/ga_version" lang="ga-IE">Gaeilge</a>.
3.1.4 Remedy: For any place where abbreviations are used within the site, have the correct usage of the html abbreviation tag. This will allow the user to hover over the abbreviation and determine the non-abbreviated text. For example, for APR on the Money page of the site, provide html as: <abbr title="Annual Percentage Rate">APR</abbr>, so that the user can determine the meaning of the abbreviation without having to navigate to a different site and look it up themselves.
3.3.1 Remedy: Provide input validation on tracking number input field. Have this input validation check upon every character entry to the field, so that if any invalid characters are entered, the user is informed immediately. Provide a prominent error message so that the user can easily identify that their entry contains invalid data. Also check inputted data when user submits, instead of showing a message that informs the user that the tracking number couldn't be found, inform the user that the inputted tracking number was invalid.
4.1.1 Remedy: Ensure all html has been validated before deploying to site, match all end or closing tags with their start/opening tags to ensure no strays. Create more in-depth IDs to ensure uniqueness for IDs of all elements. Validation can be checked within the IDE being used to write the code or with an online validator.

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Appendix

This section contains the results of the online evaluation tools used on the DIT and An Post websites, as laid out in Part B, sections B.2.1 and B.2.2 respectively (DIT, 2021; An Post; 2021). Four online evaluation tools were used for these evaluations (Ace, ND; FAE, ND; Taw, ND; Wave, ND). Results from all four tools on DIT site shown first, followed by all four results of An Post site.

By accessiBe

WCAG 2.1 Level AA Success Criteria

COMPLIANCE AUDIT

For dit.ie | Verdict : Non-compliant

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accessiBe is the web accessibility **market leader**, powering the accessibility of **tens-of-thousands** of websites, from **small businesses** to industry-leading **enterprises**.

This audit evaluates the adherence level of **dit.ie** as of April 16, 2021, to the "Web Content Accessibility Guidelines" (WCAG) 2.1 level AA success criteria.

Below you'll find the results for dozens of tests that focus mainly on 3 categories: **screen-reader** adjustments(for blind users), **keyboard navigation** adjustments (for the motor impaired) and **UI, design, and readability** adjustments (for the visually impaired).

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
1	Tables that are being used as layout structures should include a "role" attribute that equals to "presentation" to indicate to screen-readers that it is not really a table.	No	0	0	-
2	Tables that are missing a THEAD row with TH elements, should include a "role" attribute that equals to "rowheader" on the TD elements of the TR that represents the visual table headings.	No	0	0	-
3	If nested tables are used (a table element within a table cell), set the nested tables "role" attribute to "presentation".	No	0	0	-
4	Elements that behave as buttons but are built using other tags such as span, div, a or others, should include a "role" attribute that equals to "button".	Yes	1	15	6%

Code snapshots of some successful elements

- <button type="submit" name="sa" value="Search" ></button>

Code snapshots of some failed elements

- <a href="#" class="action" >OK</a>
- <a href="#" data-target="#panel1" >Study at TU Dublin</a>
- <a href="#" data-target="#panel2" >Research & Enterprise</a>
- <a href="#" data-target="#panel3" >Colleges & Schools</a>
- <a href="#" data-target="#panel4" >About</a>

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	• <a href="#" data-target="#panel5" >News & Events</a> • <a href="#" id="prev" class="slider-arrow" ></a> • <a href="#" id="next" class="slider-arrow" ></a> • • • •				
5	Links that open in a new tab or a new window should either have an "aria-label" attribute or a screen-reader only element explaining to screen-readers that this opens in a new tab. **Code snapshots of some failed elements** • <a href="https://www.facebook.com/TechnologicalUniversityDublin.TUDublin/" target="_blank" > </a> • <a href="https://twitter.com/WeAreTUDublin" target="_blank" > </a> • <a href="https://www.youtube.com/technologicaluniversitydublin" target="_blank" > </a> • <a href="https://www.instagram.com/tudublin" target="_blank" > </a>	Yes	0	4	0%
6	Buttons should include text explaining their functionality, and if icons are used as buttons, a screen-reader only text or an "aria-label" attribute should be used for that description.	Yes	13	3	81%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some successful elements • <a href="#" class="action" >OK</a> • <a href="#" data-target="#panel1" >Study at TU Dublin</a> • <a href="#" data-target="#panel2" >Research & Enterprise</a> • <a href="#" data-target="#panel3" >Colleges & Schools</a> • <a href="#" data-target="#panel4" >About</a> • <a href="#" data-target="#panel5" >News & Events</a> • • • • • X • <a href="#" >Home</a> **Code snapshots of some failed elements** • <button type="submit" name="sa" value="Search" ></button> • <a href="#" id="prev" class="slider-arrow" ></a> • <a href="#" id="next" class="slider-arrow" ></a>				
7	Links should include text that is setting expectations to what page they are leading to. If empty links are used as layout wrapping elements, a screen-reader only text or an "aria-label" attribute should be used for that description.	Yes	91	4	96%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some successful elements

- <a href="https://www.dit.ie/tools/disclaimer/privacy/" >here</a>
- <a href="https://www.dit.ie/tools/disclaimer/cookiepolicy/" >Read Cookie Policy.</a>
- <a href="/ga/" >Gaeilge</a>
- <a href="https://dit.ie/currentstudents/" >Current Students</a>
- <a href="https://dit.ie/forstaff/" >For Staff</a>
- <a href="https://dit.ie/library/" >Library</a>
- <a href="https://dit.ie/about/campusfacilities/locations/" >Locations & Map</a>
- <a href="https://dit.ie/about/organisation/contacts/" >Contacts</a>
- <a href="/" ><img src="/media/tudublin/images/TUDublin_small-01SVG.svg" alt="TU Dublin Logo"></a>
- <a href="/studyattudublin/undergraduate/" ><header><img src="/media/DIT-Students.jpg" alt="DIT-Students.jpg"></header></a>

Code snapshots of some failed elements

- <a href="https://www.facebook.com/TechnologicalUniversityDublin.TUDublin/" target="_blank" >   </a>
- <a href="https://twitter.com/WeAreTUDublin" target="_blank" >   </a>
- <a href="https://www.youtube.com/technologicaluniversitydublin" target="_blank" >   </a>
- <a href="https://www.instagram.com/tudublin" target="_blank" >   </a>

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
8	Background images that are not just for decoration purposes and should have the same treatment as standard images and include a "role" attribute that equals to "img" and an alternative text description in an "aria-label" attribute. **Code snapshots of some failed elements** • <div id="banner" class="clearfix" style="background-image: url("https://www.dit.ie/media/hero/heros/TUD_DIT_Banner-1440x444.jpg"); background-position: initial initial; background-repeat: initial initial;"> <!--<figure class="visible-xs">...	Yes	-	Fail	0%
9	Images should have an alternative text description that describes both the objects and the embedded text that the image contains, using the "alt" attribute. **Code snapshots of some successful elements** • <img src="/media/tudublin/images/TUDublin_small-01SVG.svg" alt="TU Dublin Logo"> • <img src="/media/studydit/images/template/eu_logo.gif" alt="ERDF Investing in your future" class="img-responsive"> • <img src="/media/images/Athena-Swan-Bronze-Winner-DIT-white-bg.png" alt="Athena Swan Bronze Award Winner DIT" class="img-responsive">>	Yes	3	10	23%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <img src="/media/DIT-Students.jpg" alt="DIT-Students.jpg"> • <img src="/media/DIT-Research-Students.jpg" alt=""> • <img alt="" src="/media/newsimages/2020/2020_0107_Erasmus-workshop_GG.jpg"> • <img alt="" src="/media/newsimages/2020/TUDublin%20Digital%20Marketing%20Week.jpg"> • <img alt="" src="/media/oifignagaeilge/omh%20Fidearthachta%20.jpg"> • <img alt="" src="/media/newsimages/2020/CAO-Info-Evening-Main-Image.jpg"> • <img alt="" src="/media/newsimages/2019/tudublin_global_graduate_art_programme_620x350.jpg"> • <img src="/media/2019reis/img/home/map_marker.png" alt="" style="width : 32px; height : 38px; "> • <img src="/media/2019reis/img/home/question.png" alt="" style="width : 19px; height : 35px; ">				
10	Font icons, SVG or images that are being used as spacers, decorations or their purpose is already described by the content should include a "role" attribute that equals to "presentation" or "none". **Code snapshots of some successful elements** • •	Yes	2	14	13%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • • • • • • • • • •				
11	Small or hidden tracker pixel images (often used for analytics or marketing purposes) should include a "role" attribute that equals to "none" or "presentation" so they are excluded from screen-readers.	No	0	0	-
12	Figure elements that are used to display images should have a "role" attribute that equals to "none" and the image provide itself should provide the description using an "alt" attribute. **Code snapshots of some failed elements** • <figure class="pull-left discover-icon"><img src="/media/2019reis/img/home/map_marker.png" alt="" style="width : 32px; height : 38px; "></figure>	Yes	0	2	0%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	• <figure class="pull-left discover-icon"><img src="/media/2019reis/img/home/question.png" alt="" style="width : 19px; height : 35px; "></figure>				
13	Every "area" element of a "map" tag should be regarded as a standard image and receive an alternative text description using an "alt" attribute.	No	0	0	-
14	Menu items that have a dropdown menu include an "aria-haspopup" attribute that equals to "true".	No	0	0	-
15	Menus should either be built using the HTML5 "nav" element or include a "role" attribute that equals to "menu" or "navigation" to indicate a navigation landmark for screen-readers. **Code snapshots of some successful elements**	Yes	Pass	-	100%
	• <nav id="quicklinks"><ul class="list-inline pull-right" style="background-color:#000; padding-left:0px;"><li><a href="/ga/" >Gaeilge</a></li> <!-- <li ><a href="/">English</a></li> --> </ul><ul class="list-inline pull-right" ><!-- navigation ...				
16	Menu items that have a dropdown menu include an "aria-expanded" attribute that equals to "false" that changes to "true" and back when opening or closing the dropdown.	No	0	0	-
17	Elements that have texts should meet a minimum contrast ratio of 4.5:1 between their foreground (usually text color) and background color.	Yes	98	28	78%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some successful elements

- <a href="#" class="action" >OK</a>
- <a href="/ga/" >Gaeilge</a>
- <a href="https://dit.ie/currentstudents/" >Current Students</a>
- <a href="https://dit.ie/forstaff/" >For Staff</a>
- <a href="https://dit.ie/library/" >Library</a>
- <a href="https://dit.ie/about/campusfacilities/locations/" >Locations & Map</a>
- <a href="https://dit.ie/about/organisation/contacts/" >Contacts</a>
- <h3>Find Your Course</h3>
- Discover your future with over 400 undergraduate, postgraduate, research, part-time and evening courses.
- At TU Dublin you will gain an internationally recognised degree that will open doors to an outstanding future.

Code snapshots of some failed elements

- To support your privacy rights we have updated our Privacy Statement and Cookie Policy to describe our use and sharing of cookies with our social media, advertising & analytics partners. We recommend that you revie...
- <a href="https://www.dit.ie/tools/disclaimer/privacy/" tabindex="-1">here</a>
- <a href="https://www.dit.ie/tools/disclaimer/cookiepolicy/" >Read Cookie Policy.</a>
- <a href="#" data-target="#panel1" >Study at TU Dublin</a>
- <a href="#" data-target="#panel2" >Research & Enterprise</a>

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	• <a href="#" data-target="#panel3" >Colleges & Schools</a> • <a href="#" data-target="#panel4" >About</a> • <a href="#" data-target="#panel5" >News & Events</a> • <a href="/studyattudublin/undergraduate/" >Study</a> • <a href="/researchenterprise/" >Research</a>				
18	Letter spacing should not be set to below -1px in order to stay readable in the majority of font families. This should be verified also when using dynamic units such as REM or percents.	Yes	Pass	-	100%
19	Font sizes should be at least 11px in size in order to stay readable in the majority of font families. This should be verified also when using dynamic units such as REM or percents. **Code snapshots of some successful elements** • X	Yes	-	Fail	0%
20	aria-describedby and aria-labeledby attributes should be connected by ID to an element that either has text description or an "aria-label" attribute.	No	0	0	-
21	Form elements cannot have the same ID, or else their corresponding label will provide false information.	No	0	0	-
22	Form fields should either include an "aria-label" attribute or a connected LABEL element describing the requirement of the field (email, phone, name, etc.).	Yes	0	3	0%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <input id="keywords" placeholder="search" name="q" class="form-control" value="Search" type="text"> • <select class="form-control filter filter-links" onchange="this.options[this.selectedIndex].value && (window.location = this.options[this.selectedIndex].value);"><option value="#" selected="" >Select Course Type</option><option value="https:/... • <select class="form-control filter filter-links" name="subjects" onchange="javascript:handleSelectS(this)"><option selected="" value="#" >Select Subject Area</option><!-- navigation object : Subjects --><option value="#test" >Select</option><option v...				
23	Required form fields should include an "aria-required" attribute that equals to "true" so blind users using screen-readers know their validation.	No	0	0	-
24	The validity status of every form element must be represented in the code at all times using the "aria-invalid" attributes and the "true/false" values, and change dynamically when the status changes.	No	0	0	-
25	All forms should have a submission button that is built as an input type "submit" or a "button" element, or include a "role" tag that equals to "button". Buttons can be hidden if the form can be submitted using the Enter key. **Code snapshots of some successful elements** • <form action="https://www.dit.ie/tools/search/" id="search-form" class="form-inline pull-right"> <input name="cx" value="012936220131878774434:zcynfr4fqjg" type="hidden" ><input name="cof" value="FORID:11" type="hidden"...	Yes	1	1	50%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <form id="form-find-course" class="form-inline"> <select class="form-control filter filter-links" onchange="this.options[this.selectedInde...				
26	Search forms should include a "role" tag that equals to "search" (or be wrapped by one) to indicate a search landmark for screen-readers. **Code snapshots of some failed elements** • <form action="https://www.dit.ie/tools/search/" id="search-form" class="form-inline pull-right"> <input name="cx" value="012936220131878774434:zcynfr4fqjg" type="hidden" ><input name="cof" value="FORID:11" type="hidden"...	Yes	-	Fail	0%
27	HTML title elements (H1-6) should have texts. If images or links are used, they should include an alternative or screen-reader only text.	Yes	29	0	100%
28	An H1 title provides information to blind-users using screen-readers of what the main topic of the page is and each page should have exactly one H1 title. **Code snapshots of some successful elements** • <h1 style="text-align: center; color: #fff; font-size: 50px !important;">CAO APPLICANTS</h1>	Yes	Pass	-	100%
29	Elements that visually appear as titles but are coded with a non-heading HTML Tag should include a "role" attribute that equals to "heading" or have their tags fixed.	No	0	0	-

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
30	Title levels should not be skipped and should be built with consistent hierarchy. For example: you cannot have "h4" titles and "h2" titles without having "h3" titles.	Yes	Pass	-	100%
31	The HTML tag should include a "lang" attribute that represents the main language of the webpage so screen-readers can calibrate on it for blind users. **Code snapshots of some successful elements** • <html lang="en"><head><meta name="acsbToken" content="dMHVXdMZByZBXdDEzup1cCv8KC4weYjozmPcEtokSZ1sim2NN0"><meta name="acsbClient" content="false"><meta content="https://www.dit.ie" name="acsbAceBase"><meta name="aceWebsite" content="dit.ie"><meta con...	Yes	Pass	-	100%
32	The title tag of the HEAD section (also the title that appears in the browser tab and Search Engine result pages) should exist and describe the name of the current webpage for screen-reader users. **Code snapshots of some successful elements** • <title>TU Dublin - City Campus | Technological University Dublin</title>	Yes	Pass	-	100%
33	Landmarks such as main content and footer should be built using their corresponding HTML5 element or include a description using an "aria-label" attribute and a "role" tag that equals to "contentinfo" or "main". Landmarks such as search and navigation are tested in other sections. **Code snapshots of some successful elements** • <footer id="footer"> <section class="col-sm-3 col-md-2 link-list"><h4>INFORMATION FOR</h4> <ul class="list-unstyled"><!-- navigation object : Study at DIT - NAV - Info for --><li><a href="...	Yes	1	1	50%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <h1 style="text-align: center; color: #fff; font-size: 50px !important;">CAO APPLICANTS</h1> <h4 style="text-align: center; font-weight: bold; color: #fff; font-size: 25px !important;">We are now TU Dublin – Ireland's first Technolo...				
34	The meta viewport tag should allow visually impaired users to pinch-zoom at least double the standard scaling using the user-scalable="yes" and maximum-scale={2 or higher} content strings. **Code snapshots of some successful elements** • <meta name="viewport" content="width=device-width, initial-scale=1">	Yes	Pass	-	100%
35	Interactive elements that can be navigated using the keyboard should be surrounded by a visual outline whenever they are focused.	Yes	-	Fail	0%
36	Every page should include hidden links that by clicking on them (either using keyboard navigation or a screen-reader), the user will "skip" certain blocks directly to main landmarks such as main content, menu or footer.	Yes	-	Fail	0%
37	Interactive elements such as links, buttons and form fields should all be navigable using the keyboard by either using a focusable element (a, button, input, etc.) or including the "tabindex" attribute that equals to "0". **Code snapshots of some failed elements** • • • • • X	Yes	0	6	0%

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
38	Active popups should include an "aria-modal" attribute that equals to "true", and a "role" attribute that equals to "dialog", so screen-reader users know how to navigate within it.	No	0	0	-
39	Elements that are hidden using CSS manipulations (opacity, height, text-indent, off-canvas, etc.) should include a "tabindex" attribute that is below 0, and have it dynamically changed to 0 when they become visible.	No	0	0	-
40	Elements that are hidden using CSS manipulations (opacity, height, text-indent, off-canvas, etc.) should be wrapped inside an element with an "aria-hidden" attribute that equals to "false", or include it directly, and have it dynamically changed to "true" when they become visible.	No	0	0	-
41	Control elements such as next and previous icons should include an "aria-label" attribute or a screen-reader only text that explains the functionality to screen-readers.	No	0	0	-
42	Carousels should include an "aria-label" attribute that equals to "carousel"/"slider" or something else that indicates the functionality, as well as be tagged as a landmark for screen-readers using a "role" tag that equals to "contentinfo".	No	0	0	-
43	Carousel pagination items (usually used as small dots at the bottom of the carousel) should indicate their functionality and slide number they control using an "aria-label" and a screen-reader only text. **Code snapshots of some successful elements** • •	Yes	5	0	100%

#	Requirement	Relevant	Successes	Failures	Score
	• •				
44	A common accessibility mistake is to treat carousels as live regions using the "aria-live" attribute and the "polite" or the "assertive values. Using this practice will cause screen-readers to cut and skip announcements.	No	0	0	-
45	Breadcrumbs main element should include a "role" attribute that equals to "navigation" and an "aria-label" attribute that describes the functionality."	No	0	0	-
46	Iframe elements should include a "title" or an "aria-label" attribute explaining the purpose, the functionality or the destination of the iframe, or be tagged hidden for screen-readers if irrelevant. **Code snapshots of some successful elements** • <iframe height="0" width="0" src="https://8261180.fls.doubleclick.net/activityi;src=8261180;type=gener0;cat=carat0;ord=1;num=4353030859710;gtm=2od472;~oref=https%3A%2F%2Facsbace.com%2Fapps%2Face%2F%3Fembedder%3D%26layout%3Drender%26processor%3Dtrue%2... • <iframe scrolling="no" frameborder="0" allowtransparency="true" src="https://platform.twitter.com/widgets/widget_iframe.63899b173766ee6f8a729a72b542b0fb.html?origin=https%3A%2F%2Facsbace.com" title="Twitter settings iframe" style="display: none;" ></...	Yes	2	6	25%

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <iframe width="298" height="169" src="https://www.youtube.com/embed/EIrHlhywN6A?rel=0" frameborder="0" allowfullscreen="" style="visibility: hidden;" ></iframe> • <iframe width="298" height="169" src="https://www.youtube.com/embed/EIrHlhywN6A?rel=0" frameborder="0" allowfullscreen=""></iframe> • <iframe width="298" height="169" src="https://www.youtube.com/embed/2Z2FxdrP_54?rel=0" frameborder="0" allowfullscreen="" ></iframe> • <iframe width="298" height="169" src="https://www.youtube.com/embed/GG9xR7mi0p0?rel=0" frameborder="0" allowfullscreen="" ></iframe> • <iframe width="298" height="169" src="https://www.youtube.com/embed/im9MXbWwhTc?rel=0" frameborder="0" allowfullscreen="" ></iframe> • <iframe width="298" height="169" src="https://www.youtube.com/embed/G3Po5Mev3Cs?rel=0" frameborder="0" allowfullscreen="" ></iframe>				
47	Ratings/scores that are represented visually using stars, meters or other indicators should either have an "aria-label" attribute or a screen-reader only texts conveying the score/rate.	No	0	0	-
48	Visually deleted texts (often used to show a previous price of a sale) should include an "aria-label" attribute or a screen-reader only text that explains this is deleted text.	No	0	0	-

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
49	Making use of an accessibility interface helps to ensure that visually impaired users can adjust some of the UI and the design (font-size, colors, spacing, etc.) to their needs. It is not a compliance requirement, but can help to improve compliance.	No	0	0	-

Run FAE

Reports

Page Summary

Page Title: **TU Dublin - City Campus | Technological University Dublin** April 16, 2021 07:45

URL: https://www.dit.ie/ Ruleset: HTML5 and ARIA Techniques

Page 1 Summary

E-mail Report | CSV

Page 1: TU Dublin - City Campus | Technological University Dublin

	Violations	Warnings	Manual Checks	Passed
Number of Rules	15	3	32	18

Rule Category | WCAG Guidelines | Rule Scope

Default Sort

	Number of Rules				Implementation Level	
Rule Group	V	W	MC	P	Score	Status
Landmarks	4	-	2	9	64	PI-R
Headings	1	2	-	3	72	PI
Styles/Content	2	-	7	1	23	NI-R
Images	1	-	4	2	39	NI-R
Links	1	1	1	-	0	R
Tables	-	-	-	-	-	na
Forms	4	-	5	-	0	R
Widgets/Scripts	2	-	1	3	63	PI-R
Audio/Video	-	-	1	-	0	R
Keyboard	-	-	4	-	15	NI-R
Timing	-	-	3	-	0	R
Site Navigation	-	-	4	-	0	R
All Rule Groups	**15**	**3**	**32**	**18**	**34**	na

AInspector WCAG

AI

Use AInspector WCAG to view dynamic and element level results. AInspector WCAG gives a more accurate evaluation of the DOM than FAE 2.0, since it accesses the live DOM of Firefox, FAE 2.0 uses a server based DOM emulator that does not always have the same state or information of the live DOM of a desktop browser.

Implementation Score Definitions

- The implementation score is based on the rule results across all pages and ranges from 0 to 100.
- '-' means there were no rule results for that group (e.g. rules were not applicable).
- The following messages give a general idea of the overall implementation of the rules for a website.

Abbrev	Score	Status	Description
C	100	Complete	Complete means all rules have passed. There were either no manual checks or all manual checks have been resolved.
R	0	Required Manual Checks	• Manual checks are **required** to verify accessibility. Markup has been identified that needs to be reviewed to determine if accessibility requirements have been met. • Start with the website and page level manual checks since they affect website and page navigation and identification of content and then start on the element level manual checks.
AC AC-R	95-99	Almost Complete	• Almost Complete means that you seem to understand the accessibility requirements of the rules, and are close to fully implementing their requirements on all pages within the website. • "-R" means there are **required** Manual Checks. Markup has been identified that needs to be reviewed to determine if accessibility requirements have been met.
PI PI-R	50-94	Partial Implementation	• Partial Implementation means that you may understand at least some of the accessibility requirements. • "-R" means there are **required** Manual Checks. Markup has been identified that needs to be reviewed to determine if accessibility requirements have been met. • Please re-read the accessibility requirement and review the techniques before trying to improve the accessibility.
NI NI-R	0-50	Not Implemented	• Incomplete means that you do **not** understand the accessibility requirements of the rules or did not consider accessibility in the design of the website. • "-R" means there are **required** Manual Checks. Markup has been identified that needs to be reviewed to determine if accessibility requirements have been met. • Please read the accessibility requirements and review the techniques before trying to improve the accessibility.
na	-	Not Applicable	No markup was found that identifed a known or possible accessibility issue.

Note: Future versions of FAE will allow you to mark manual checks as, pass, fail or not applicable.

Implementation Score Computation

Implementation Score = P / (P + F + MC)

Each variable represents the number of element level results for a particular rule, where:

- P = elements that passed
- F = elements that failed
- MC = elements that require a manual check

The score ranges in value from 0 to 100, that is from no implementation to all accessibility requirements met. In the future, FAE will allow you to change manual checks to pass, fail or not applicable, and will recompute the Implementation Score based on the updated manual checking results.

Note: When a manual check is changed to not applicable that element result is removed from the implementation score computation.

Implementation Score Combinations

Implementation scores are rule-based and are computed for the following combinations:

Pages	Rules	Calculation
1	1	Element level results determine the implementation score for a rule on a specific page.
1	All	The implementation score for a page is the average of all implementation scores for all rules on the page, with all rules being equally weighted.
All	1	The implementation score for a rule across all the pages in a website is based on the aggregation of all element results for the rule across all pages.
All	All	The implementation score for a website is the average of the website rule implementation scores.

Example Rule Implementation Scores on Individual Page

Description	Pass	Fail	Manual Check	Implementation Score
A rule with scope of *element*, like "Image must have `alt` text".	8	2	0	80
A rule with scope of *page* like "Page must have `main` landmark".	0	1	0	0
A rule with scope of *element* with elment results of pass, fail and manual checks that may occur for the color contrast rule.	134	29	37	67

Example Rule Implementation Score for All Pages in a Website

This is a hypothetical example for a website

Page results for Rule X	Pass	Fail	Manual Check	Implementation Score
Page 1 element results for rule X.	23	12	4	59
Page 2 element results for rule X.	12	4	0	75
Page 3 element results for rule X.	45	0	0	100
Website element results for Rule X	**80**	**16**	**4**	**80**

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Help a fellow TAW! For 15 years the TAW project has been promoting the accessibility of the Web for free. Donate,TAW!

Analysis information

Requests: http-get, free | Date: 18/08/2021 12:48 | Duration: 00:00:12.12 | Analyzer-Core: 5.0.0 | Technologies: HTML, CSS

Overall Info

Information and user interface components must be presentable to users in ways they can perceive.

Typology	Checking	Techniques	Result	Problems	Line numbers
1.1 Alternative Content					
Forms	Form controls without label	H44 WB	✗	4	88 98 413 [illegible]
Images	Images with inadmissible alt-text (file name, size in bytes, ...)	G94	✗	1	155
	Images with empty "alt" attribute	H67	⚠	24	16 16 16

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Source code, http://stat.ly

Source code: http://search.bookdepository.com/find-assessment-3-2-Grace-from-assessment-mc-ccw

WAVE
web accessibility evaluation tool
powered by WebAIM

Address: dit.ie

Styles: OFF ON

Summary

Summary | Details | Reference | Structure | Contrast

12 Errors	22 Contrast Errors
19 Alerts	42 Features
125 Structural Elements	0 ARIA

View details ›

The following apply to the entire page:

en

To support your privacy rights we have updated our Privacy Statement and Cookie Policy to describe our use and sharing of cookies with our social media, advertising & analytics partners. We recommend that you review the privacy statement here, and follow the instructions to modify your cookie settings to suit your privacy preferences. Continued use of our site confirms your choice to accept our privacy statement & cookie policy and confirms your agreement to the processing of your personal data in line with our policy and your preferences. Read Cookie Policy.

OK

Current Students | For Staff | Library | Locations & Map | Contacts | Gaeilge

OLLSCOIL TEICNEOLAÍOCHTA BHAILE ÁTHA CLIATH
TU DUBLIN
TECHNOLOGICAL UNIVERSITY DUBLIN

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h1 CAO APPLICANTS

h4 We are now TU Dublin – Ireland's first Technological University.

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Code

WAVE

web accessibility evaluation tool

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Address: dit.ie

Styles: OFF ON

Details

Summary | Details | Reference | Structure | Contrast

12 Errors

- 2 X Missing form label
- 1 X Page refreshes or redirects
- 3 X Empty button
- 6 X Empty link

22 Contrast Errors

22 X Very low contrast

WAVE

web accessibility evaluation tool

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Styles: OFF ON

Details

Summary | Details | Reference | Structure | Contrast

19 Alerts

- 2 X Select missing label
- 1 X Suspicious alternative text
- 1 X Skipped heading level
- 1 X Suspicious link text
- 4 X Redundant link
- 1 X Noscript element
- 2 X JavaScript jump menu
- 1 X Very small text
- 6 X YouTube video

WAVE

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Styles: OFF ON

Details

Summary | Details | Reference | Structure | Contrast

42 Features

- 2 X Alternative text
- 33 X Null or empty alternative text
- 4 X Linked image with alternative text
- 2 X Figure
- 1 X Language

WAVE
web accessibility evaluation tool

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Address: dit.ie

Styles: OFF ON

Details

Summary | Details | Reference | Structure | Contrast

125 Structural Elements

- 1 X Heading level 1
  - h1
- 3 X Heading level 2
  - h2 h2 h2
- 37 X Heading level 3
  - h3 h3 h3 h3 h3 h3 h3
  - h3 h3 h3 h3 h3 h3 h3
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- 8 X Heading level 4
  - h4 h4 h4 h4 h4 h4 h4 h4
- 30 X Heading level 5
  - h5 h5 h5 h5 h5 h5 h5
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  - h5 h5 h5 h5 h5 h5 h5
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- 1 X Ordered list

WAVE

web accessibility evaluation tool

powered by WebAIM

Address: dit.ie

Styles: OFF ON

Details

Summary | Details | Reference | Structure | Contrast

h5 h5 h5 h5 h5 h5 h5

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h5 h5

- [x] 1 X Ordered list
- [x] 26 X Unordered list
- [x] 8 X Inline frame
- [x] 2 X Header
- [x] 8 X Navigation
- [x] 1 X Footer

By accessiBe

WCAG 2.1 Level AA Success Criteria

COMPLIANCE AUDIT

For anpost.com I Verdict : Non-compliant

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accessiBe is the web accessibility **market leader**, powering the accessibility of **tens-of-thousands** of websites, from **small businesses** to industry-leading **enterprises**.

This audit evaluates the adherence level of **anpost.com** as of April 16, 2021, to the "Web Content Accessibility Guidelines" (WCAG) 2.1 level AA success criteria.

Below you'll find the results for dozens of tests that focus mainly on 3 categories: **screen-reader** adjustments(for blind users), **keyboard navigation** adjustments (for the motor impaired) and **UI, design, and readability** adjustments (for the visually impaired).

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
1	The title tag of the HEAD section (also the title that appears in the browser tab and Search Engine result pages) should exist and describe the name of the current webpage for screen-reader users. **Code snapshots of some successful elements** • <title> An Post - An Post for postal, retail and financial services	An Post </title>	Yes	Pass	-	100%
2	The HTML tag should include a "lang" attribute that represents the main language of the webpage so screen-readers can calibrate on it for blind users. **Code snapshots of some successful elements** • <html lang="en-IE" data-triggered="true"><head id="head"><meta name="acsbToken" content="L8BksmLfBIsvDAfFqw477dgumSzaujMKYyi3faDBwdIJbQmeBG"><meta name="acsbClient" content="false"><meta content="https://www.anpost.com" name="acsbAceBase"><meta name=...	Yes	Pass	-	100%
3	The meta viewport tag should allow visually impaired users to pinch-zoom at least double the standard scaling using the user-scalable="yes" and maximum-scale={2 or higher} content strings. **Code snapshots of some successful elements** • <meta name="viewport" content="width=device-width, initial-scale=1.0">	Yes	Pass	-	100%
4	Landmarks such as main content and footer should be built using their corresponding HTML5 element or include a description using an "aria-label" attribute and a "role" tag that equals to "contentinfo" or "main". Landmarks such as search and navigation are tested in other sections.	Yes	2	0	100%

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some successful elements • <main id="main" class="content" aria-label="Page Content" tabindex="-1"> <div cl... • <footer class="footer"> <nav class="footer__nav"><a class="gtm-footer" href="/About" >About An Post</a> <a class="gtm-footer" href="/Working-with-An-Post" >Working with...				
5	Links should include text that is setting expectations to what page they are leading to. If empty links are used as layout wrapping elements, a screen-reader only text or an "aria-label" attribute should be used for that description. **Code snapshots of some successful elements** • <a href="/" title="Personal" class="gtm-header current" >Personal</a> • <a href="/Business" title="Business" class="gtm-header " >Business</a> • <a href="/Money" title="Money" class="gtm-header " >Money</a> • <a class="gtm-header" href="/Community" >Community Focus</a> • <a id="p_lt_WebPartZone5_ZoneHeaderUtilityNav_HelpLinkUtility_lnkHelpSupport" class="gtm-header" href="help" >Help & Support</a>	Yes	104	3	97%

#	Requirement	Relevant	Successes	Failures	Score

- <a class="header__utility__nav--icon pin gtm-header" href="/Store-Locator" >Find Post Office</a>
- <a id="p_lt_WebPartZone5_ZoneHeaderUtilityNav_ShopLinkUtility_lnkShop" class="gtm-header" href="/Shop" >Shop</a>
- <a href="/" class="header__logo__img gtm-logo" title="Go back to the homepage" > <img src="/build/images/logos/anPostLogo.svg" alt="Go back to the homepage"></a>
- <a href="/Post-Parcels" class="header__nav__l1__link gtm-nav" title="Post & Parcels" >Post & Parcels </a>
- <a href="/Post-Parcels/Sending" class="header__nav__link--strong gtm-nav" title="Sending" >Sending </a>

Code snapshots of some failed elements

- <a href="/Media-Centre/News/Through-Snow-and-Ice%E2%80%A6-An-Post-Stamps-celebrate-Iri" title="Through Snow and Ice…. An Post Stamps celebrate Irish Antarctic Explorers" class="m04__card__link gtm-linkclick" ></a>
- <a href="/Media-Centre/News/An-Post-announces-artistic-commission-for-2022-cen" title="An Post announces artistic commission for 2022 centenary stamp" class="m04__card__link gtm-linkclick" ></a>
- <a href="/Media-Centre/News/An-Post-announces-Galway-city-development-project" title="An Post announces Galway city development project" class="m04__card__link gtm-linkclick" ></a>

6	Buttons should include text explaining their functionality, and if icons are used as buttons, a screen-reader only text or an "aria-label" attribute should be used for that description.	Yes	11	0	100%

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some successful elements

- <a href="" class="icon white-basket-full js-open-basket" >...
- <input type="button" name="pltWebPartZone9$zoneContent$pageplaceholder$p$lt$ctl01$M33SliderBanner1$btSubmit" value="Track Post" onclick="if(!validateForm())return false; showLoadingState();__doPostBack('pltWebPartZone9$zoneContent$pageplaceholder...
- Apply for a loan
- More on our credit card
- Apply for a current account
- More on our currency card
- <button type="button" class="footer__nav-lang__trigger js-lang-trigger" > English</button>
- <a id="ot-sdk-btn" class="ot-sdk-show-settings" >Manage</a>
- <a class="ot-sdk-show-settings cookie-settings" id="ot-sdk-btn" style=" position: fixed; left: -1px !important; bottom: -1px !important; z-index: 2147483648; text-indent: -9999px; width: 44px !important...
- <button id="onetrust-pc-btn-handler" tabindex="0" >Manage</button>

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
7	Elements that behave as buttons but are built using other tags such as span, div, a or others, should include a "role" attribute that equals to "button".	Yes	4	7	36%

Code snapshots of some successful elements

- <input type="button" name="pltWebPartZone9$zoneContent$pageplaceholder$p$lt$ctl01$M33SliderBanner1$btSubmit" value="Track Post" onclick="if(!validateForm())return false; showLoadingState();__doPostBack('pltWebPartZone9$zoneContent$pageplaceholder...
- <button type="button" class="footer__nav-lang__trigger js-lang-trigger" > English</button>
- <button id="onetrust-pc-btn-handler" tabindex="0" >Manage</button>
- <button id="onetrust-accept-btn-handler" tabindex="0" >Accept All</button>

Code snapshots of some failed elements

- <a href="" class="icon white-basket-full js-open-basket" >...
- Apply for a loan
- More on our credit card
- Apply for a current account

#	Requirement	Relevant	Successes	Failures	Score
	• More on our currency card • <a id="ot-sdk-btn" class="ot-sdk-show-settings" >Manage</a> • <a class="ot-sdk-show-settings cookie-settings" id="ot-sdk-btn" style=" position: fixed; left: -1px !important; bottom: -1px !important; z-index: 2147483648; text-indent: -9999px; width: 44px !important...				
8	Links that open in a new tab or a new window should either have an "aria-label" attribute or a screen-reader only element explaining to screen-readers that this opens in a new tab. **Code snapshots of some failed elements** • <a href="/Post-Parcels/Sending/Check-an-Address" class="header__nav__link--plain gtm-nav" title="Check an Address" target="_blank" >Check an Address</a> • <a href="/Post-Parcels/Receiving/UK-US-Virtual-Address" class="header__nav__link--plain gtm-nav" title="UK & US Virtual Address (AddressPal)" target="_blank" >UK & US Virtual Address (AddressPal)</a> • <a href="/Money/Current-Account/Login" class="header__nav__link--plain gtm-nav" title="Login to Online Banking" target="_blank" >Login to Online Banking</a> • <a href="/Money/Current-Account/Register-for-Online-Banking" class="header__nav__link--plain gtm-nav" title="Register for Online Banking" target="_blank" >Register for Online Banking</a> • <a href="/Money/Foreign-Currency/Login-to-your-currency-card" class="header__nav__link--plain gtm-nav" title="Login to your Currency Card" target="_blank" >Login to your Currency Card</a>	Yes	0	14	0%

#	Requirement	Relevant	Successes	Failures	Score
	• <a href="/Post-Parcels/Sending/Calculate-Postage" class="m11__card card gtm-linkclick" title="Calculate Postage" target="_blank" > <p class="m11__car... • <a href="/Post-Parcels/Click-and-Post/Postage-Label" class="m11__card card gtm-linkclick" title="Buy a Postage Label" target="_blank" > <p class="... • <a href="/Shop" class="m11__card card gtm-linkclick" title="Buy Stamps" target="_blank" > Buy Stamps </a> • <a href="https://www.tvlicence.ie/Homepage.aspx" class="m11__card card gtm-linkclick" title="TV Licence" target="_blank" > ... • <a href="https://www.facebook.com/AnPost" target="_blank" class="bg--green icon icon--round facebook gtm-footer" >Facebook</a>				
9	Elements that are hidden using CSS manipulations (opacity, height, text-indent, off-canvas, etc.) should include a "tabindex" attribute that is below 0, and have it dynamically changed to 0 when they become visible.	No	0	0	-
10	Interactive elements such as links, buttons and form fields should all be navigable using the keyboard by either using a focusable element (a, button, input, etc.) or including the "tabindex" attribute that equals to "0".	Yes	0	4	0%

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • Apply for a loan • More on our credit card • Apply for a current account • More on our currency card				
11	Interactive elements that can be navigated using the keyboard should be surrounded by a visual outline whenever they are focused.	Yes	-	Fail	0%
12	Every page should include hidden links that by clicking on them (either using keyboard navigation or a screen-reader), the user will "skip" certain blocks directly to main landmarks such as main content, menu or footer. **Code snapshots of some successful elements** • <a class="bn bn--skip gtm-skip" href="#main" aria-label="Skips main navigation and goes straight to main content" >Skip to main content</a>	Yes	Pass	-	100%

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
13	Active popups should include an "aria-modal" attribute that equals to "true", and a "role" attribute that equals to "dialog", so screen-reader users know how to navigate within it.	No	0	0	-
14	Elements that are hidden using CSS manipulations (opacity, height, text-indent, off-canvas, etc.) should be wrapped inside an element with an "aria-hidden" attribute that equals to "false", or include it directly, and have it dynamically changed to "true" when they become visible.	No	0	0	-
15	HTML title elements (H1-6) should have texts. If images or links are used, they should include an alternative or screen-reader only text.	Yes	14	0	100%
16	An H1 title provides information to blind-users using screen-readers of what the main topic of the page is and each page should have exactly one H1 title. **Code snapshots of some successful elements** • <h1 id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M33SliderBanner1_lblSlide1Title" class="m33__header">International Sending update</h1>	Yes	Pass	-	100%
17	Elements that visually appear as titles but are coded with a non-heading HTML Tag should include a "role" attribute that equals to "heading" or have their tags fixed.	No	0	0	-
18	Title levels should not be skipped and should be built with consistent hierarchy. For example: you cannot have "h4" titles and "h2" titles without having "h3" titles.	Yes	-	Fail	0%

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <h4></h4>				
19	Making use of an accessibility interface helps to ensure that visually impaired users can adjust some of the UI and the design (font-size, colors, spacing, etc.) to their needs. It is not a compliance requirement, but can help to improve compliance.	No	0	0	-
20	Visually deleted texts (often used to show a previous price of a sale) should include an "aria-label" attribute or a screen-reader only text that explains this is deleted text.	No	0	0	-
21	Breadcrumbs main element should include a "role" attribute that equals to "navigation" and an "aria-label" attribute that describes the functionality."	No	0	0	-
22	Ratings/scores that are represented visually using stars, meters or other indicators should either have an "aria-label" attribute or a screen-reader only texts conveying the score/rate.	No	0	0	-
23	Iframe elements should include a "title" or an "aria-label" attribute explaining the purpose, the functionality or the destination of the iframe, or be tagged hidden for screen-readers if irrelevant.	No	0	0	-
24	Menu items that have a dropdown menu include an "aria-expanded" attribute that equals to "false" that changes to "true" and back when opening or closing the dropdown.	Yes	0	5	0%

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <a href="/Post-Parcels" class="header__nav__l1__link gtm-nav" title="Post & Parcels" >Post & Parcels </a> • <a href="/Mobile" class="header__nav__l1__link gtm-nav" title="Mobile" >Mobile </a> • <a href="/Green-Hub" class="header__nav__l1__link gtm-nav" title="Green Hub" >Green Hub </a> • <a href="/Money" class="header__nav__l1__link gtm-nav" title="Money" >Money </a> • <a href="/Government-Services" class="header__nav__l1__link gtm-nav" title="Government Services" >Government Services </a>				
25	Menu items that have a dropdown menu include an "aria-haspopup" attribute that equals to "true".	Yes	0	5	0%
	Code snapshots of some failed elements • <a href="/Post-Parcels" class="header__nav__l1__link gtm-nav" title="Post & Parcels" >Post & Parcels </a> • <a href="/Mobile" class="header__nav__l1__link gtm-nav" title="Mobile" >Mobile </a> • <a href="/Green-Hub" class="header__nav__l1__link gtm-nav" title="Green Hub" >Green Hub </a> • <a href="/Money" class="header__nav__l1__link gtm-nav" title="Money" >Money </a> • <a href="/Government-Services" class="header__nav__l1__link gtm-nav" title="Government Services" >Government Services </a>				

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
26	Menus should either be built using the HTML5 "nav" element or include a "role" attribute that equals to "menu" or "navigation" to indicate a navigation landmark for screen-readers. **Code snapshots of some successful elements** • <nav class="header__nav js-header__nav"><ul class="header__nav__l1" ><li class="header__nav__l1__item--has-children"> <a href="/Post-Parcels" class="header__nav__l1__link gtm-nav" title="Post & Parcels" >Post & Parcels <span c...	Yes	Pass	-	100%
27	Font icons, SVG or images that are being used as spacers, decorations or their purpose is already described by the content should include a "role" attribute that equals to "presentation" or "none". **Code snapshots of some successful elements** • • • • •	Yes	24	0	100%

#	Requirement	Relevant	Successes	Failures	Score
	• • • <svg width="24" height="24" viewBox="0 0 24 24" fill="none" xmlns="http://www.w3.org/2000/svg" ><path fill-rule="evenodd" clip-rule="evenodd" d="M2.78038 2.60351C2.58512 2.40825 2.58512 2.09167 2.78038 1.8964L2.9637 1.71308C3.15896 1.51782 3.47555 1.... • •				
28	Images should have an alternative text description that describes both the objects and the embedded text that the image contains, using the "alt" attribute. **Code snapshots of some successful elements** • <img src="/build/images/logos/anPostLogo.svg" alt="Go back to the homepage"> • <img src="/AnPost/media/m10backgrounds/logos/state-savers-desktop.png" id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M10Banner_pnlDesktopLogo" class="m10__logo" alt="Logo">	Yes	2	0	100%
29	Every "area" element of a "map" tag should be regarded as a standard image and receive an alternative text description using an "alt" attribute.	No	0	0	-
30	Background images that are not just for decoration purposes and should have the same treatment as standard images and include a "role" attribute that equals to "img" and an alternative text description in an "aria-label" attribute.	Yes	0	4	0%

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <div id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M03TwoColumn2_pnlCol1Background" class="m03__card__image" data-img-path="/AnPost/media/m03images/M03-Loans-Garden.jpg?ext=.jpg" aria-label="Personal Lending " style="background-image: ... • <div id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M03TwoColumn2_pnlCol2Background" class="m03__card__image" data-img-path="/AnPost/media/m03images/M03-Credit-Card.jpg?ext=.jpg" aria-label="Credit Card " style="background-image: url(&q... • <div id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M03TwoColumn_pnlCol1Background" class="m03__card__image" data-img-path="/AnPost/media/m03images/M03-MoneyBack-Family.jpg?ext=.jpg" aria-label="Using An Post money card" style="backgrou... • <div id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M03TwoColumn_pnlCol2Background" class="m03__card__image" data-img-path="/AnPost/media/m03images/M03-commission-free-cash.jpg?ext=.jpg" aria-label="" style="background-image: url("...				
31	Figure elements that are used to display images should have a "role" attribute that equals to "none" and the image provide itself should provide the description using an "alt" attribute.	No	0	0	-
32	Small or hidden tracker pixel images (often used for analytics or marketing purposes) should include a "role" attribute that equals to "none" or "presentation" so they are excluded from screen-readers.	No	0	0	-
33	Form elements cannot have the same ID, or else their corresponding label will provide false information.	No	0	0	-

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
34	Form fields should either include an "aria-label" attribute or a connected LABEL element describing the requirement of the field (email, phone, name, etc.). **Code snapshots of some failed elements** • <input name="pltWebPartZone9$zoneContent$pageplaceholder$p$lt$ctl01$M33SliderBanner1$m33TTformtrackinput" type="text" id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M33SliderBanner1_m33TTformtrackinput" class="m38__track__input form__...	Yes	-	Fail	0%
35	Required form fields should include an "aria-required" attribute that equals to "true" so blind users using screen-readers know their validation. **Code snapshots of some failed elements** • <input name="pltWebPartZone9$zoneContent$pageplaceholder$p$lt$ctl01$M33SliderBanner1$m33TTformtrackinput" type="text" id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M33SliderBanner1_m33TTformtrackinput" class="m38__track__input form__...	Yes	-	Fail	0%
36	All forms should have a submission button that is built as an input type "submit" or a "button" element, or include a "role" tag that equals to "button". Buttons can be hidden if the form can be submitted using the Enter key. **Code snapshots of some successful elements** • <form method="post" action="/" id="form"> <input type="hidden" name="__CMSCsrfToken" id="__CMSCsrfToken" value="4wZErTO5Tb4vWsjclf30XQqrz9XDHLXvVj898CjoLp5gej9Pb6RwL0mQfn9CEWwsFgxYT3Xy+B8PxSfbQwPQlbru+lw1lGSjx2EpUG0zqSg=" ...	Yes	Pass	-	100%

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
37	Search forms should include a "role" tag that equals to "search" (or be wrapped by one) to indicate a search landmark for screen-readers.	No	0	0	-
38	aria-describedby and aria-labeledby attributes should be connected by ID to an element that either has text description or an "aria-label" attribute.	Yes	6	1	86%

Code snapshots of some successful elements

- <div class="ot-sdk-ro...
- <!-- Close Button --> <!-- Logo Tag --><div class="ot-pc-logo" role="img" aria-label="C...
- <input type="checkbox" name="ot-group-id-C0002" id="ot-group-id-C0002" aria-checked="false" role="switch" class="category-switch-handler" data-optanongroupid="C0002" aria-labelledby="ot-header-id-C0002" >
- <input type="checkbox" name="ot-group-id-C0003" id="ot-group-id-C0003" aria-checked="false" role="switch" class="category-switch-handler" data-optanongroupid="C0003" aria-labelledby="ot-header-id-C0003" >
- <input type="checkbox" name="ot-group-id-C0004" id="ot-group-id-C0004" aria-checked="false" role="switch" class="category-switch-handler" data-optanongroupid="C0004" aria-labelledby="ot-header-id-C0004" >
- <input type="checkbox" name="ot-group-id-C0005" id="ot-group-id-C0005" aria-checked="false" role="switch" class="category-switch-handler" data-optanongroupid="C0005" aria-labelledby="ot-header-id-C0005" >

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements • <div class="ot-sdk-ro...				
39	The validity status of every form element must be represented in the code at all times using the "aria-invalid" attributes and the "true/false" values, and change dynamically when the status changes.	No	0	0	-
40	Elements that have texts should meet a minimum contrast ratio of 4.5:1 between their foreground (usually text color) and background color. **Code snapshots of some successful elements** • <a href="/" title="Personal" class="gtm-header current" tabindex="-1">Personal</a> • <a href="/Business" title="Business" class="gtm-header " >Business</a> • <a href="/Money" title="Money" class="gtm-header " >Money</a> • <a class="gtm-header" href="/Community" >Community Focus</a> • <a id="p_lt_WebPartZone5_ZoneHeaderUtilityNav_HelpLinkUtility_lnkHelpSupport" class="gtm-header" href="help" >Help & Support</a>	Yes	108	40	73%

#	Requirement	Relevant	Successes	Failures	Score

- <a class="header__utility__nav--icon pin gtm-header" href="/Store-Locator" >Find Post Office</a>
- <a id="p_lt_WebPartZone5_ZoneHeaderUtilityNav_ShopLinkUtility_lnkShop" class="gtm-header" href="/Shop" >Shop</a>
- <a href="/Post-Parcels" class="header__nav__l1__link gtm-nav" title="Post & Parcels" >Post & Parcels </a>
- <a href="/Post-Parcels/Sending" class="header__nav__link--strong gtm-nav" title="Sending" >Sending </a>
- <a href="/Post-Parcels/Sending/Calculate-Postage" class="header__nav__link--plain gtm-nav" title="Calculate Postage" >Calculate Postage</a>

Code snapshots of some failed elements

- Need to track more than one item? Try our <a id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M33SliderBanner1_hlAdvancedTracking" href="Post-Parcels/Track/Search" ><strong class="smal...
- advanced tracking
- Calculate Postage
- Buy a Postage Label
- Buy Stamps

#	Requirement	Relevant	Successes	Failures	Score
	• TV Licence • <h2 id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M06Image_Content2_lblTitle" class="m06__card__heading">Delivering for you after Brexit</h2> • Since January 1st key changes have been implemented to how you will send goods and receive online shopping from Great Britain. Visit our Brexit page to find out more about these changes. • <a href="/Brexit" target="" class="m06__card__link gtm-linkclick" >Find out more </a> • <h2 id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M06Image_Content3_lblTitle" class="m06__card__heading">Click & Post</h2>				
41	Letter spacing should not be set to below -1px in order to stay readable in the majority of font families. This should be verified also when using dynamic units such as REM or percents.	Yes	Pass	-	100%
42	Font sizes should be at least 11px in size in order to stay readable in the majority of font families. This should be verified also when using dynamic units such as REM or percents.	Yes	0	14	0%

#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some successful elements

- <a href="/Brexit" target="" class="m06__card__link gtm-linkclick" >Find out more </a>
- <a href="/Post-Parcels/Click-and-Post" target="" class="m06__card__link gtm-linkclick" >Find out more</a>
- <a href="/Media-Centre/News/Through-Snow-and-Ice%E2%80%A6-An-Post-Stamps-celebrate-Iri" title="Through Snow and Ice…. An Post Stamps celebrate Irish Antarctic Explorers" class="m04__card__link gtm-linkclick" ></a>
- <a href="/Media-Centre/News/An-Post-announces-artistic-commission-for-2022-cen" title="An Post announces artistic commission for 2022 centenary stamp" class="m04__card__link gtm-linkclick" ></a>
- <a href="/Media-Centre/News/An-Post-announces-Galway-city-development-project" title="An Post announces Galway city development project" class="m04__card__link gtm-linkclick" ></a>
- <a id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M03TwoColumn2_ltrCol1Link" title="Apply for a loan" class="m03__card__link gtm-linkclick" href="/Money/Low-Fixed-Rate-Loans" >Apply for a loan</a>
- <a id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M03TwoColumn2_ltrCol2Link" title="More on our credit card" class="m03__card__link gtm-linkclick" href="/Money/Credit-Card" >More on our credit card</a>
- <a id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M03TwoColumn_ltrCol1Link" title="Apply for a current account" class="m03__card__link gtm-linkclick" href="/Money/Current-Account" >Apply for a current account</a>
- <a id="p_lt_WebPartZone9_zoneContent_pageplaceholder_p_lt_ctl01_M03TwoColumn_ltrCol2Link" title="More on our currency card" class="m03__card__link gtm-linkclick" href="/Money/At-the-Post-Office/Foreign-Exchange-Cash" >More on our currency card</a>
- <a href="https://www.facebook.com/AnPost" target="_blank" class="bg--green icon icon--round facebook gtm-footer" >Facebook</a>

WCAG 2.1 AA Level Web Accessibility Audit

Website: anpost.com | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
43	A common accessibility mistake is to treat carousels as live regions using the "aria-live" attribute and the "polite" or the "assertive values. Using this practice will cause screen-readers to cut and skip announcements.	No	0	0	-
44	Carousels should include an "aria-label" attribute that equals to "carousel"/"slider" or something else that indicates the functionality, as well as be tagged as a landmark for screen-readers using a "role" tag that equals to "contentinfo".	No	0	0	-
45	Control elements such as next and previous icons should include an "aria-label" attribute or a screen-reader only text that explains the functionality to screen-readers.	No	0	0	-
46	Carousel pagination items (usually used as small dots at the bottom of the carousel) should indicate their functionality and slide number they control using an "aria-label" and a screen-reader only text.	No	0	0	-
47	Tables that are missing a THEAD row with TH elements, should include a "role" attribute that equals to "rowheader" on the TD elements of the TR that represents the visual table headings.	No	0	0	-
48	Tables that are being used as layout structures should include a "role" attribute that equals to "presentation" to indicate to screen-readers that it is not really a table.	No	0	0	-
49	If nested tables are used (a table element within a table cell), set the nested tables "role" attribute to "presentation".	No	0	0	-

Run FAE

Reports

Page Summary

Page Title: **An Post - An Post for postal, retail and financial services | An Post** April 16, 2021 07:49

URL: https://www.anpost.com/ Ruleset: HTML5 and ARIA Techniques

Page 1 Summary

E-mail Report | CSV

Page 1: An Post - An Post for postal, retail and financial services | An Post

	Violations	Warnings	Manual Checks	Passed
Number of Rules	7	1	32	27

Rule Category | WCAG Guidelines | Rule Scope

Default Sort

	Number of Rules				Implementation Level	
Rule Group	V	W	MC	P	Score	Status
Landmarks	1	-	2	13	84	PI-R
Headings	2	-	-	4	90	PI
Styles/Content	-	-	8	1	22	NI-R
Images	-	-	3	3	50	PI-R
Links	-	1	2	-	11	NI-R
Tables	-	-	-	-	-	na
Forms	2	-	5	3	30	NI-R
Widgets/Scripts	2	-	1	2	67	PI
Audio/Video	-	-	1	-	0	R
Keyboard	-	-	3	1	47	NI-R
Timing	-	-	3	-	0	R
Site Navigation	-	-	4	-	0	R
All Rule Groups	**7**	**1**	**32**	**27**	**48**	na

AInspector WCAG

AI

Use AInspector WCAG to view dynamic and element level results. AInspector WCAG gives a more accurate evaluation of the DOM than FAE 2.0, since it accesses the live DOM of Firefox, FAE 2.0 uses a server based DOM emulator that does not always have the same state or information of the live DOM of a desktop browser.

Implementation Score Definitions

- The implementation score is based on the rule results across all pages and ranges from 0 to 100.
- '-' means there were no rule results for that group (e.g. rules were not applicable).
- The following messages give a general idea of the overall implementation of the rules for a website.

Abbrev	Score	Status	Description
C	100	Complete	Complete means all rules have passed. There were either no manual checks or all manual checks have been resolved.
R	0	Required Manual Checks	• Manual checks are **required** to verify accessibility. Markup has been identified that needs to be reviewed to determine if accessibility requirements have been met. • Start with the website and page level manual checks since they affect website and page navigation and identification of content and then start on the element level manual checks.
AC AC-R	95-99	Almost Complete	• Almost Complete means that you seem to understand the accessibility requirements of the rules, and are close to fully implementing their requirements on all pages within the website. • "-R" means there are **required** Manual Checks. Markup has been identified that needs to be reviewed to determine if accessibility requirements have been met.
PI PI-R	50-94	Partial Implementation	• Partial Implementation means that you may understand at least some of the accessibility requirements. • "-R" means there are **required** Manual Checks. Markup has been identified that needs to be reviewed to determine if accessibility requirements have been met. • Please re-read the accessibility requirement and review the techniques before trying to improve the accessibility.
NI NI-R	0-50	Not Implemented	• Incomplete means that you do **not** understand the accessibility requirements of the rules or did not consider accessibility in the design of the website. • "-R" means there are **required** Manual Checks. Markup has been identified that needs to be reviewed to determine if accessibility requirements have been met. • Please read the accessibility requirements and review the techniques before trying to improve the accessibility.
na	-	Not Applicable	No markup was found that identifed a known or possible accessibility issue.

Note: Future versions of FAE will allow you to mark manual checks as, pass, fail or not applicable.

Implementation Score Computation

Implementation Score = P / (P + F + MC)

Each variable represents the number of element level results for a particular rule, where:

- P = elements that passed
- F = elements that failed
- MC = elements that require a manual check

The score ranges in value from 0 to 100, that is from no implementation to all accessibility requirements met. In the future, FAE will allow you to change manual checks to pass, fail or not applicable, and will recompute the Implementation Score based on the updated manual checking results.

Note: When a manual check is changed to not applicable that element result is removed from the implementation score computation.

Implementation Score Combinations

Implementation scores are rule-based and are computed for the following combinations:

Pages	Rules	Calculation
1	1	Element level results determine the implementation score for a rule on a specific page.
1	All	The implementation score for a page is the average of all implementation scores for all rules on the page, with all rules being equally weighted.
All	1	The implementation score for a rule across all the pages in a website is based on the aggregation of all element results for the rule across all pages.
All	All	The implementation score for a website is the average of the website rule implementation scores.

Example Rule Implementation Scores on Individual Page

Description	Pass	Fail	Manual Check	Implementation Score
A rule with scope of *element*, like "Image must have `alt` text".	8	2	0	80
A rule with scope of *page* like "Page must have `main` landmark".	0	1	0	0
A rule with scope of *element* with elment results of pass, fail and manual checks that may occur for the color contrast rule.	134	29	37	67

Example Rule Implementation Score for All Pages in a Website

This is a hypothetical example for a website

Page results for Rule X	Pass	Fail	Manual Check	Implementation Score
Page 1 element results for rule X.	23	12	4	59
Page 2 element results for rule X.	12	4	0	75
Page 3 element results for rule X.	45	0	0	100
Website element results for Rule X	**80**	**16**	**4**	**80**

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Help as many TAW Tests as possible

Help as many TAW! Test 25 years the TAW project has been promoting the accessibility of the Web for free. Donate TAW!

Analysis information

Resource: http://paradox.net | Date: 18/04/2021 12:51 | Guidelines: IPO v.1.0 | Analysis tool: AMA | Technologies: HTML, CSS

Document Info

Information and user interface components must be presentable to users in ways they can perceive.

Typology	Checking	Technologies	Result	Problems	Line numbers
1.1 Alternative Content					
Forms	Form controls without label	AMA-M6	✗	3	498 498 498
Images	Images that may require a long description	AMA-I1	?	1	498 1147 1147
1.2 Links and Hyperlinks					
Forms	Selection form control without grouping	H11	✗	6	1147 1147 1147 1147 1147 1147
	Form control without associated label	AMA-M6	✗	3	498 498 498
Structure and semantics	The hierarchy of the page text do not correspond to headings	H42	?	1	498
1.3 Meaningful Sequence					
Presentation	Absolute positioning of elements	CSS	?	1	1350
1.5 Sensory Characteristics					
Presentation	Sensory Characteristics	CSS	?	1	
1.4 Use of Color					
Presentation	Information using color	SCR14,G183,G138,G183	?	1	
2.1 Keyboard (Minimum)					
Presentation	Contrast	G18,G148,G178	?	1	
	Contrast for large fonts	G18,G148,G178	?	1	
2.4 Resize text					
Presentation	Use of absolute units in block elements	CSS1,G38	!	3	48 48 1351
2.6 Images of Text					
Images	Images that can be replaced by hidden language	G12,G73,G74,G95	?	1	
2.8 Contrast (Minimum)					
Presentation	Contrast enhanced	G18,G148,G178	?	1	
	Contrast enhanced for large fonts	G18,G148,G178	?	1	
3.1 Clear Presentation					
Presentation	Background and foreground colors in text blocks	G18,G148,G156,G174,G175	?	1	
	Width in characters of text blocks	H87,G60	?	1	
	Text block alignmg	G148,G153,G200	?	1	
	Space between lines of text blocks	G148,G1	?	1	
	Resizing of text blocks	G148,G146,G147,G148,G149,G206	?	1	
3.3 Images of Text (No Exceptions)					
Images	Text Images	G12,G73,G74	?	1	

Structure

Clear interface components and navigation must be operable.

Typology	Checking	Technologies	Result	Problems	Line numbers
2.1 Keyboard					
Scripts	Use of device-dependent event handlers	S36	!	1	639
	Keystroke movement of the focus	S36	?	1	
2.2 Enough Time					
Meta pages	Changing focus with the keyboard	S11	?	1	
2.3 Keyboard (No Exceptions)					
Scripts	Use of device-dependent event handlers	S36	✗	1	639
2.5 Timing Adjustments					
Meta pages	Session time limit	G105,G198	?	1	
	Local scheme connection to a server	G108,G189,G207,G2	?	1	
	Redirecting back on the server	G41,G189,G190,G208,G209	?	1	
2.7 Pause, Stop, Hide					
Meta pages	Blinking or sliding content	G4,G186,G187,G188,G189,G190,G191	?	1	
2.9 Link Timing					
Meta pages	Time limit	S5	?	1	
2.10 Re-authenticating					
Meta pages	Expiration of authentication information	G105,G83	?	1	
2.11 Pattern Patients or Motion Triggered					
Presentation	Flashing rates threshold	G15,G21,G19,G3	?	1	
2.12 Three Flashes					
Presentation	Flashes	G19	?	1	
2.13 Bypass Blocks					
Strongform	Skip repeated blocks of content	G1,G123,G124	?	1	
	Blocks of content	G9,G18,G148	?	1	
Structure and semantics	Header nesting	H42	!	3	427 1012 1350
	The hierarchy of the page text do not correspond to headings	H42	?	1	498
2.14 Page Titled					
Meta pages	Descriptive title	G88	!	1	1 1 1

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header" id="ot-header-id-C0001">Strictly Necessary Cookies</h4> Always Active <!-- Group description --> Strictly necessary cookies are essential in order to enable you to move around the website and use its features and/or services and allow us to track our critical web business indicators. Any cookies used in this way are first party only in nature and are fully aggregated and anonymous. Without these absolutely necessary cookies, the website will not perform as smoothly for you as we would like it to and we may not be able to provide the website or certain services or features.
<!-- Group name --> <h4 class="ot-cat-header" id="ot-header-id-C0002">Performance Cookies</h4> <input type="checkbox" name="ot-group-id-C0002" id="ot-group-id-C0002" aria-checked="false" role="switch" class="category-switch-handler" data-optanongroupid="C0002" aria-labelledby="ot-header-id-C0002"> <label class="ot-switch" for="ot-group-id-C0002"> Performance Cookies</label> <!-- Group description --> Performance cookies collect information about how visitors use a website, for instance which pages visitors go to most often, and if they get error messages from web pages. These cookies don't collect information that identifies a visitor. Google Analytics is being used in first party mode and does not capture IP addresses or similar personal data. Performance Cookies are only used to improve how a website works. <!-- Group name --> <h4 class="ot-cat-header" id="ot-header-id-C0003">Functional Cookies</h4> <input type="checkbox" name="ot-group-id-C0003" id="ot-group-id-C0003" aria-checked="false" role="switch" class="category-switch-handler" data-optanongroupid="C0003" aria-labelledby="ot-header-id-C0003"> <label class="ot-switch" for="ot-group-id-C0003"> Functional Cookies</label> <!-- Group description --> Functional cookies allow this website to remember choices you make and any customisations you make to website pages during your visit and provide enhanced, more personal features. For instance, these cookies can be used to remember changes you have made to text size, fonts and other parts of web pages that you can customise. They may also be used to provide services you have asked for such as watching a video or commenting on a blog. The information these cookies collect cannot track your browsing activity on other websites. More information about such cookies can be found in the relevant third party website. <!-- Group name --> <h4 class="ot-cat-header" id="ot-header-id-C0004">Advertising & Marketing Cookies</h4> <input type="checkbox" name="ot-group-id-C0004" id="ot-group-id-C0004" aria-checked="false" role="switch" class="category-switch-handler" data-optanongroupid="C0004" aria-labelledby="ot-header-id-C0004"> <label class="ot-switch" for="ot-group-id-C0004"> Advertising & Marketing Cookies</label> <!-- Group description --> These cookies may be set through our site by our advertising partners. They may be used by those companies to build a profile of your interests and show you relevant adverts on other sites.   They do not store directly personal information, but are based on uniquely identifying your browser and internet device. If you do not allow these cookies, you will experience less targeted advertising. <!-- Group name --> <h4 class="ot-cat-header" id="ot-header-id-C0005">Social Media Cookies</h4> <input type="checkbox" name="ot-group-id-C0005" id="ot-group-id-C0005" aria-checked="false" role="switch" class="category-switch-handler" data-optanongroupid="C0005" aria-labelledby="ot-header-id-C0005"> <label class="ot-switch" for="ot-group-id-C0005"> Social Media Cookies</label> <!-- Group description --> These cookies are set by a range of social media services that we have added to the website for example to enable you view video content from YouTube. They are capable of tracking your browser across other websites and building up a profile of your interests. This may impact the content and messages you see on other websites you visit. If you do not allow these cookies you may not be able to use or see our video content. <!-- Groups sections starts --><!-- Group section ends --><!-- Accordion Group section starts --><!-- Accordion Group section ends --></section> <section id="ot-pc-lst" class="ot-hide ot-hosts-ui ot-pc-scrollbar ot-enbl-chr"> <h3 id="ot-lst-title"><a class="back-btn-handler" href="javascript:void(0)" aria-label="Back"><svg id="ot-back-arw" xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" x="0px" y="0px" viewBox="0 0 444.531 444.531" xml:space="preserve"> <title>Back Button</title><g><path fill="#656565" d="M213.13,222.409L351.88,83.653c7.05-7.043,10.567-15.657,10.567-25.841c0-10.183-3.518-18.793-10.567-25.835
l-21.409-21.416C323.432,3.521,314.817,0,304.637,0s-18.791,3.521-25.841,10.561L92.649,196.425
c-7.044,7.043-10.566,15.656-10.566,25.841s3.521,18.791,10.566,25.837l186.146,185.864c7.05,7.043,15.66,10.564,25.841,10.564
s18.795-3.521,25.834-10.564l21.409-21.412c7.05-7.039,10.567-15.604,10.567-25.697c0-10.085-3.518-18.746-10.567-25.978
L213.13,222.409z"></path></g></svg> </a>Performance Cookies</h3> <label for="vendor-search-handler" class="ot-scrn-rdr">Vendor Search</label> <input id="vendor-search-handler" type="text" placeholder="Search..." name="vendor-search-handler"> <svg xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" x="0px" y="0px" viewBox="0 -30 110 110"> <title>Search Icon</title><path fill="#2e3644" d="M55.146,51.887L41.588,37.786c3.486-4.144,5.396-9.358,5.396-14.786c0-12.682-10.318-23-23-23s-23,10.318-23,23
s10.318,23,23,23c4.761,0,9.298-1.436,13.177-4.162l13.661,14.208c0.571,0.593,1.339,0.92,2.162,0.92
c0.779,0,1.518-0.297,2.079-0.837C56.255,54.982,56.293,53.08,55.146,51.887z M23.984,6c9.374,0,17,7.626,17,17s-7.626,17-17,17
s-17-7.626-17-17S14.61,6,23.984,6z"></path></svg> <button id="filter-btn-handler" aria-label="Filter"><svg role="presentation" aria-hidden="true" xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" x="0px" y="0px" viewBox="0 0 402.577 402.577" xml:space="preserve"> <title>Filter Icon</title><g><path fill="#fff" d="M400.858,11.427c-3.241-7.421-8.85-11.132-16.854-
11.136H18.564c-7.993,0-13.61,3.715-16.846,11.136
c-3.234,7.801-1.903,14.467,3.999,19.985l140.757,140.753v138.755c0,4.955,1.809,9.232,5.424,12.854l73.085,73.083
c3.429,3.614,7.71,5.428,12.851,5.428c2.282,0,4.66-0.479,7.135-1.43c7.426-3.238,11.14-8.851,11.14-16.845V172.166L396.861,31.413
C402.765,25.895,404.093,19.231,400.858,11.427z"></path></g></svg></button> <section id="ot-fltr-modal"> <button id="clear-filters-handler">Clear</button> <input id="chkbox-id" type="checkbox" aria-checked="false" class="category-filter-handler"> <label for="chkbox-id">checkbox label</label> label <button id="filter-apply-handler">Apply</button> <button id="filter-cancel-handler">Cancel</button> </section> <section id="ot-lst-cnt" class="ot-host-cnt ot-pc-scrollbar"> Consent Leg.Interest <input id="select-all-hosts-groups-handler" type="checkbox" aria-checked="false"> <label for="select-all-hosts-groups-handler">checkbox label</label> label <input id="select-all-vendor-groups-handler" type="checkbox" aria-checked="false"> <label for="select-all-vendor-groups-handler">checkbox label</label> label <input id="select-all-vendor-leg-handler" type="checkbox" aria-checked="false"> <label for="select-all-vendor-leg-handler">checkbox label</label> label <ul id="ot-host-lst"><li class="ot-host-item"> <input type="checkbox" class="ot-host-box" role="button" aria-expanded="false"><section class="ot-acc-hdr"> <h3 class="ot-host-name">33Across</h3> <h4 class="ot-host-desc">host descriptior <h4 class="ot-host-expand">View Cookies</h4> <!-- toggles and arrow --> </section> <!-- HOST LIST VIEW UPDATE *** --><ul class="ot-host-opt"><li class="ot-host-info"> Name cookie name </li></ul><!-- HOST LIST VIEW UPDATE END *** --> </li></ul><ul id="ot-ven-lst"><li class="ot-ven-item"> <input type="checkbox" class="ot-ven-box" role="button" aria-expanded="false"><section class="ot-acc-hdr"><!-- Vendor name policy link --> <h3 class="ot-ven-name">33Across</h3><a class="ot-ven-link" href="#">View Privacy Notice</a> <!-- toggles and arrow --> </section> </li></ul> </section></section> <button class="save-preference-btn-handler onetrust-close-btn-handler">Confirm My Choices</button> <!-- Footer logo --> <a href="https://onetrust.com/poweredbyonetrust" target="_blank" rel="noopener" aria-label="Powered by Onetrust" style="background-image: url("https://cdn.cookielaw.org/logos/static/poweredBy_ot_logo.svg")"></a> <!-- Cookie subgroup container --><!-- Vendor list link --><!-- Cookie lost link --><!-- Toggle HTML element --><!-- Checkbox HTML --><!-- plus minus--><!-- Arrow SVG element --><!-- Accordion basic element --> <iframe class="ot-text-resize" title="onetrust-text-resize" style="position:absolute;top:-50000px;width:100em;" aria-hidden="true"></iframe> <!-- Mobile Close Button --> <!-- Mobile Close Button END--> We use cookies to personalise content and ads, analyse our traffic and share information about site usage with our social media, advertising and analytics partners. We need your consent to use cookies for this website. You can choose not to allow some types of cookies. Select "Manage" to find out more and change our default settings. You can adjust your preferences at any time. However, blocking some types of cookies may impact your experience of the site and the services we are able to offer. <button id="onetrust-pc-btn-handler" tabindex="0">Manage</button> <button id="onetrust-accept-btn-handler" tabindex="0">Accept All</button> <!-- Close Button --> <!-- Close Button END--> </body></html>

Source code: http://anpost.com

1. top: 0px; bottom: auto

WAVE
web accessibility evaluation tool
powered by WebAIM

Address: anpost.com

Styles: OFF ON

Summary

Summary | Details | Reference | Structure | Contrast

4 Errors
2 Contrast Errors
66 Alerts
15 Features
58 Structural Elements
75 ARIA

View details ›

The following apply to the entire page:

en-IE

We use cookies to personalise content and ads, analyse our traffic and share information about site usage with our social media, advertising and analytics partners. We need your consent to use cookies for this website. You can choose not to allow some types of cookies. Select "Manage" to find out more and change our default settings. You can adjust your preferences at any time. However, blocking some types of cookies may impact your experience of the site and the services we are able to offer.

Manage

Accept All

ARIA aria *role="dialog"* *aria-describedby="onetrust-policy-text"*

Further details here

Skip to main content *aria-label="Skips main navigation and goes straight to main content"*

Personal Business Money *aria-label="Choose Business or Personal"*

Community FocusHelp & SupportFind Post OfficeShop

- My Click and Post orders My Click and Post orders
- My Shop ordersMy Shop orders

aria-label="Help Options"

Go back to the homepage

- My Click and Post orders My Click and Post orders
- My Shop ordersMy Shop orders

aria-label="Open Menu"

- Post & Parcels

Code

WAVE

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Details

Summary | Details | Reference | Structure | Contrast

4 Errors

3 X Missing form label

1 X Broken ARIA reference

2 Contrast Errors

2 X Very low contrast

WAVE

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Details

Summary | Details | Reference | Structure | Contrast

66 Alerts

- 1 X Suspicious alternative text
- 1 X Orphaned form label
- 3 X Skipped heading level
- 3 X Suspicious link text
- 1 X Noscript element
- 2 X Very small text
- 55 X Redundant title text

WAVE

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Details

Summary | Details | Reference | Structure | Contrast

15 Features

- 1 X Alternative text
- 1 X Linked image with alternative text
- 9 X Form label
- 1 X Skip link
- 1 X Skip link target
- 2 X Language

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Details

Summary | Details | Reference | Structure | Contrast

58 Structural Elements

- 2 X Heading level 1
  - h1 h1
- 8 X Heading level 2
  - h2 h2 h2 h2 h2 h2 h2 h2
- 6 X Heading level 3
  - h3 h3 h3 h3 h3 h3
- 7 X Heading level 4
  - h4 h4 h4 h4 h4 h4 h4
- 5 X Heading level 5
  - h5 h5 h5 h5 h5
- 19 X Unordered list
- 1 X Inline frame
- 1 X Header
- 6 X Navigation
- 2 X Main content
- 1 X Footer

WAVE
web accessibility evaluation tool

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Styles: OFF ON

Details

Summary | Details | Reference | Structure | Contrast

- 75 ARIA
  - 26 X ARIA
  - 35 X ARIA label
  - 1 X ARIA description
  - 5 X ARIA tabindex
  - 1 X ARIA alert or live region
  - 2 X ARIA button
  - 5 X ARIA hidden