Universal Design Assistive ICT Assignment 2 2023-2024

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Subject DTUDATSEM220232024b

• Electronic Filename should be DTUDATSEM220232024b Yourname.doc e.g.

• DTUDATSEM220232024b JohnGilligan.doc

• Include your student no on the document

• Hand Up date Thu 22nd Apr -2024 at 11:59 pm

This assignment is worth 60% of CA mark

Assignment

Part A:

Write a 1 page overview of the EU Web Accessibility Directive (WAD) and the implications it has for EU countries like Ireland

(15 %)

Part B

(70 %)

Evaluate the following two websites for compliance with the Web Content Accessibility Guidelines version 2.1 in the following ways

<https://www.tudublin.ie/explore/schools-and-disciplines/computing-information-technology/computer-science/>

Any of the other computer science schools in other universities

e.g. <https://www.ucd.ie/cs/>

1: Manually

Write a report (max 2 pages per site) on any ways that the website fails to meet the checkpoints.

(12.5% X 2)

2: Using at least 2 online evaluation tools.

Save the online record.

(5% X 2)

3: Compare and contrast the manual evaluation of part 1 with the outcomes of evaluation tools in part 2.

Write a report (max 1.5 Pages per site) on the comparison.

(7.5% X 2)

4: Write a list of remedial actions you would take to make the website compliant.

(max 2 pages per site) (10% X 2)

Resources

<https://www.w3.org/WAI/>

<https://webaim.org/>

Webaim Wave tool

<https://wave.webaim.org/>

TAW tool

<https://www.tawdis.net/>

<https://nda.ie/publications/communications/eu-web-accessibility-directive/>

Part C (15%)

Write a referenced 1 page report on how AI/ML might help the auditing process (15%)