**MSCIS 533: MSCIS Special Topics in Information Systems**

**Assignment 2**

**Due Date 2nd April 2025**

For this assignment you are to run an audit of the “https://robot.3pha.com/” Website

* Using the audit report format (.xlsx) provided
  + Identify:
    - locate issues in the page. You can use automatic tools to identify them, and you should validate each one manually.
    - Add the WCAG guideline principle and success criteria that each issue violates. Report no less than 20 success criteria issues
    - Categorize the issues as catastrophic/major/minor
    - List the Web Accessibility Testing Tools and Audit Approach/Method used
  + Remediation recommendation:
    - Report how to fix each issue to make the page accessible.
  + In a new sheet (in the same file), conduct a heuristic inspection of this website “https://ilovepeanutbutter.com/” using the 10 principles of universal design (attached reference by Neilson)
    - Walk through the whole webpage and report adherence to each of the principles.

|  |  |
| --- | --- |
| CLO 2 | Critically analyze existing interfaces, based on their adherence to usability principles and concepts. |
| CLO 3 | Critically analyze existing interfaces, based on their adherence to most of WCAG2.1 Web accessibility international standard principles. |
| CLO 4 | Design and carry out an accessibility manual evaluation of low and medium complexity websites, including analyzing and reporting the results. |

Resource

Example before and after accessibility can be found here for a university website:

<https://www.washington.edu/accesscomputing/AU/before.html>