Understanding Accessibility

EXSM 3929: Module 1

Learning Outcomes

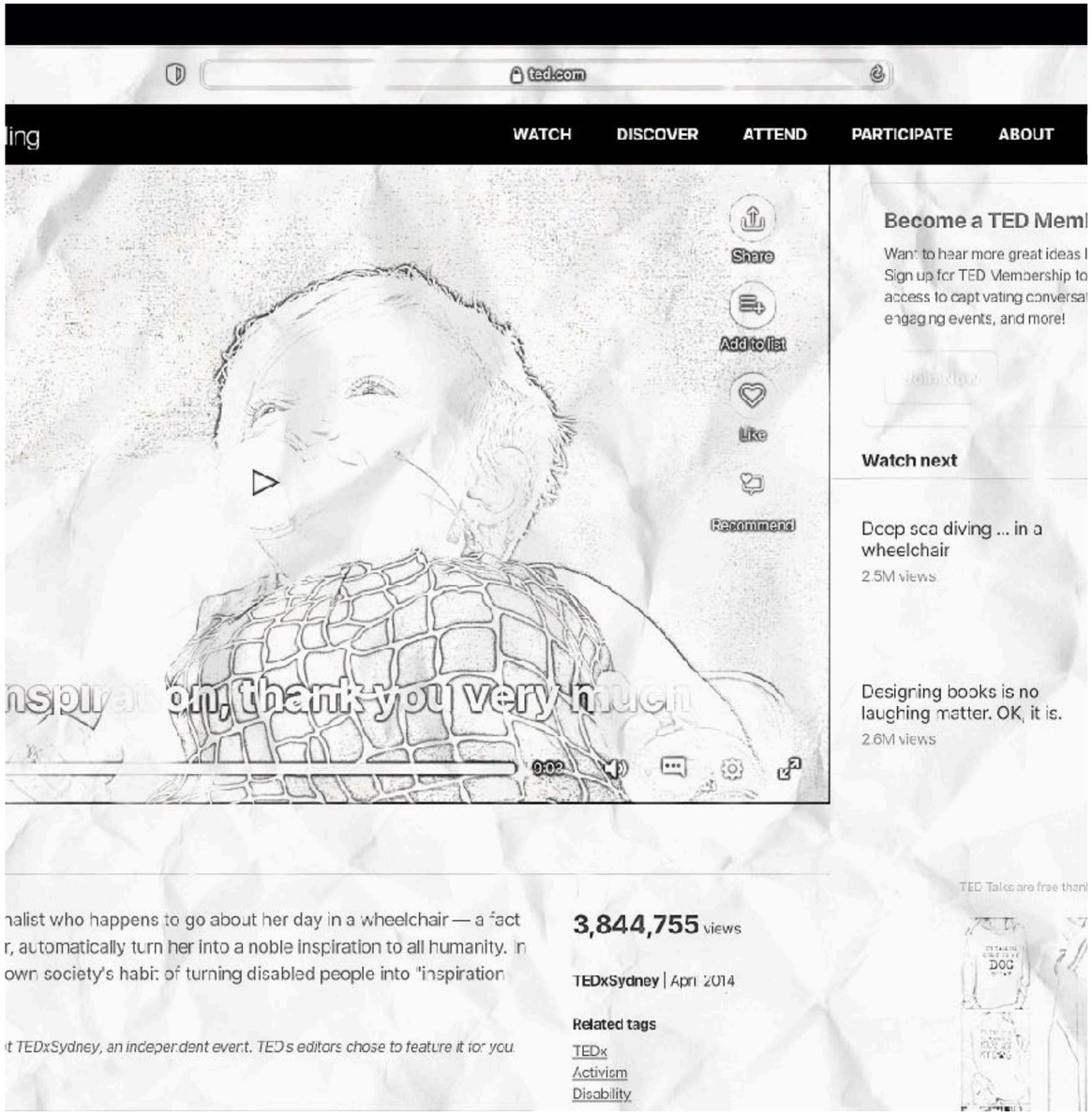
What is the purpose of this module?

- Understand the need for **inclusive design**
- Connect the concept of **accessible design** to a real **user story**
- Respond to another person sharing their **experience** with accessibility issues
- Identify unique **accessibility requirements**

Module Resources

I’m not your inspiration, thank you very much

Young, S. (2014). ted.com



Screenshot of web resource in a black and white sketch style

“I want to live in a world where we don’t have such low expectations of disabled people that we congratulate them for getting out of bed in the morning”

- Young, S., (2014)

Summary

- We may have only ever experience disabled people as objects of inspiration
- Objectifying disabled people for the benefit of non-disabled people
- Stella prefers to learn from each other’s strengths, endurance, and ingenuity

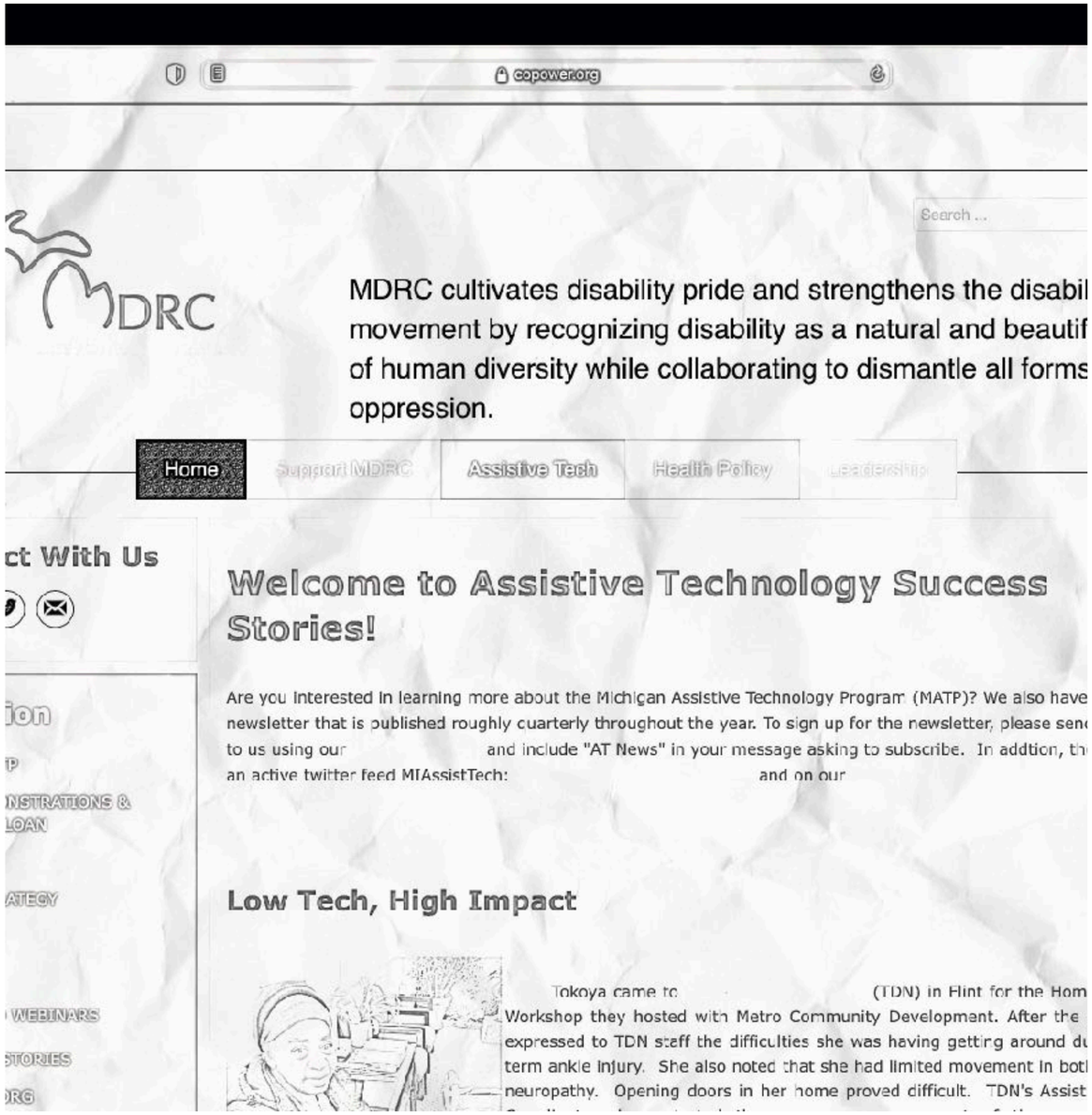
Your Thoughts

Consider the following questions for our group discussion

- What barriers does Stella face?
- What changes to her environment could enable her to reach her greatest potential?
- How has your perspective of disability changed?

Welcome to Assistive Technology Success Stories

Copower. (n.d.). copower.org



Screenshot of web resource in a black and white sketch style

Optional Learning Exercise

Try this exercise to help focus your attention and consolidate your knowledge

- Make a chart of all the stores from this article
- How would you organize this information?
- Here is an example

Name	Disability Description	Accessibility Issue	Sign Solution
Tokyo	Long term ankle injury, limited hand mobility	difficulty opening doors	Door knob lever

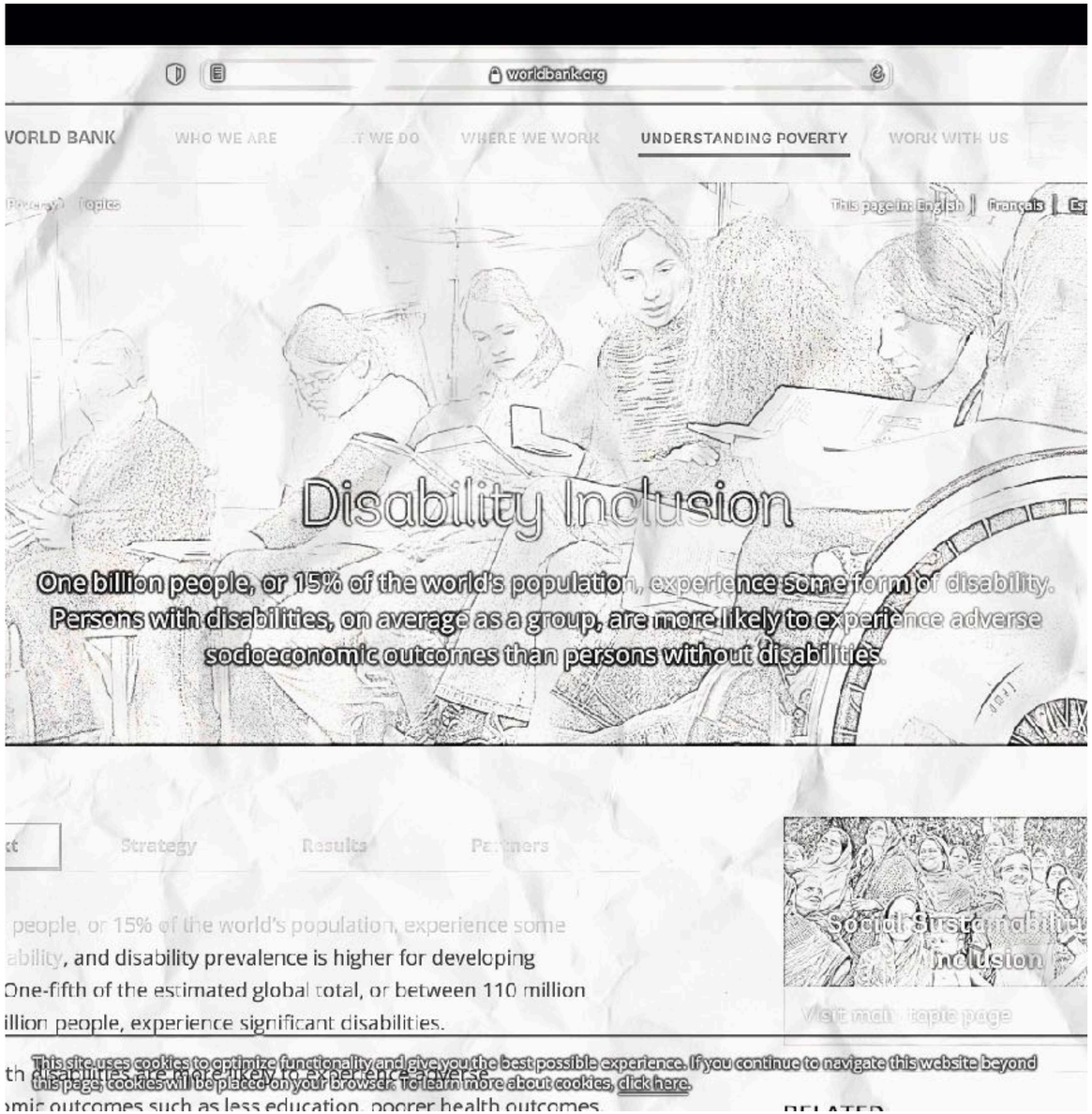
Your Thoughts

Consider the following questions for our group discussion

- Did any user story feel particularly impactful?
- Did you notice any patterns in the user stories or proposed design solutions?
- Do you have any personal stories you would like to share?

Disability Inclusion

Worldbank. (n.d.). worldbank.org



Screenshot of web resource in a black and white sketch style

“1 billion people, or 15% of the world’s population experience some form of disability”

- World Health Organization, (2011)

Summary

- people with disabilities are more likely to experience adverse socioeconomic outcomes
- 110 - 190 million people experience significant disabilities
- people with disabilities are uniquely impacted by the pandemic: health, education, transport considerations

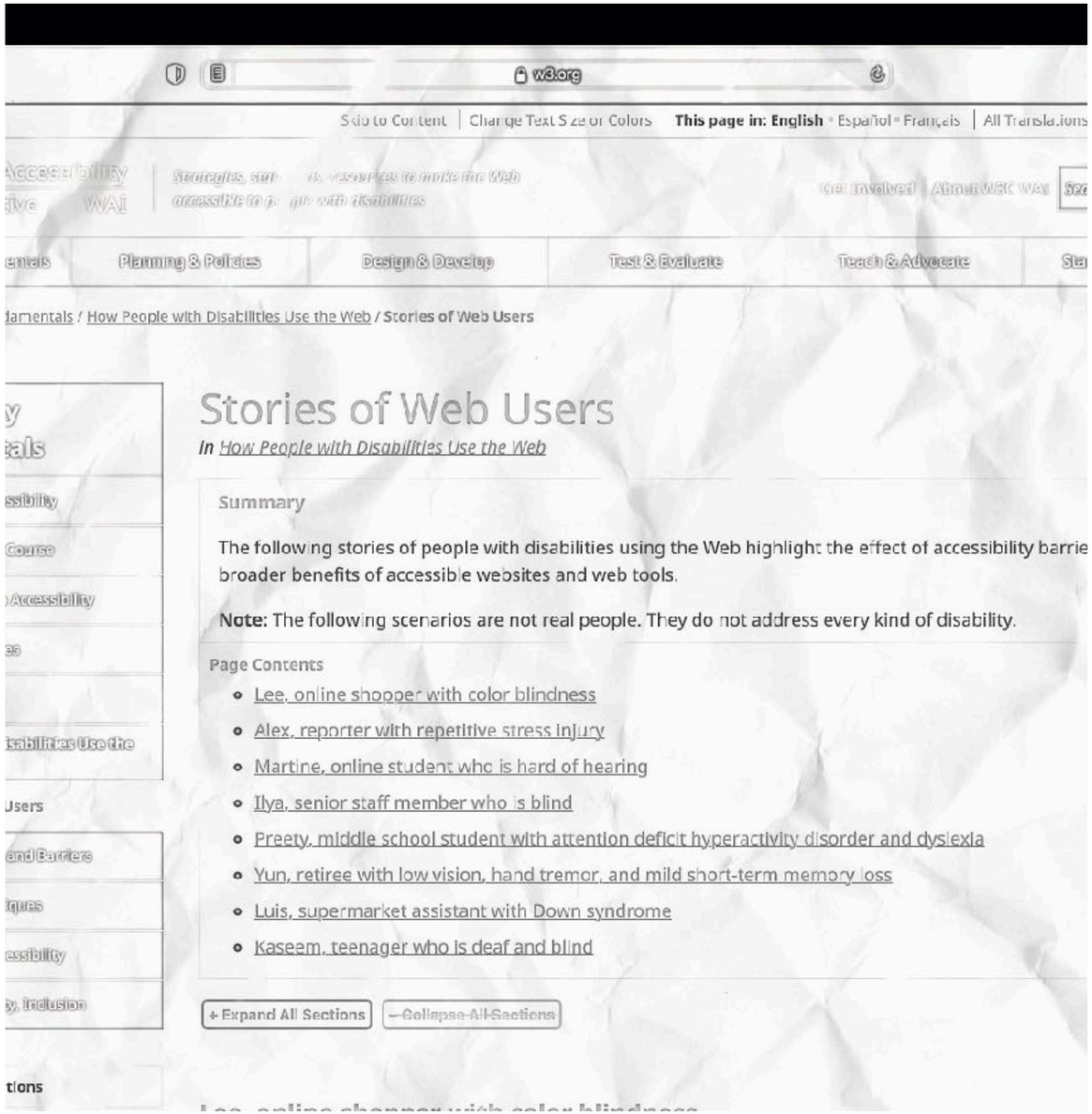
Your Thoughts

Consider the following questions for our group discussion

- Do you have or know anyone with a significant disability?
- Have your felt any shift in your awareness of disabilities?
- How do you perceive the awareness of disability in your community?

Stories of Web Users

W3. (2017). w3.org



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Optional Learning Exercise

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Name	Disability Description	Accessibility Issue	Sign Solution
Lee	Red and green colour blindness	Difficulty in interpreting information when colour only is used	Use labels not just colour

Your Thoughts

Consider the following questions for our group discussion

- Did any user story feel particularly impactful?
- Did you notice any patterns in the user stories or proposed design solutions?
- Do you have any personal stories you would like to share?