Design for Diversity and Inclusion
Related reading

The course website

<mark>Coming soon</mark>

Contents

DAY 1: Design

Person centric care

33 min + 15 min reflection

- Morgan, S., & Yoder, L. H. (2012). A concept analysis of person-centered care. Journal of holistic nursing, 30(1), 6-15. https://doi.org/10.1177/0898010111412189 (about 20min read)
- Tinetti, M. E., & Fried, T. (2004). The end of the disease era. *The American journal of medicine*, *116*(3), 179-185. https://doi.org/10.1016/j.amjmed.2003.09.031 (about 10min read)
- World Health Organisation on People-centric care: https://www.youtube.com/watch?v=pj-AvTOdk2Q (2.35min)

HCI introduction

30min + 15 min reflection/familiarising

- Introduction to Human-Computer Interaction (HCI) and Interaction Design (IxD) https://youtu.be/ffA0ZJeSRFc (20:20 min)
- Why we need HCI and IxD https://youtu.be/vXemvrfytcM (16.16 min)
  - Hawai in panic video (watch to just understand the situation) https://youtu.be/qJan6Ywjxkw
  - The employee who did the "mistake" talks about his experience https://youtu.be/WWNI6Vv65fQ (2 min)
  - Usability explanation of the menu that caused trouble in Hawaii https://www.nngroup.com/articles/error-prevention/ (about 7min)

The design processes

50 min + 30 min reflection

- Double diamond process: https://youtu.be/0iNojP9tf1U (12.04 min)
- Double Diamond: https://www.designcouncil.org.uk/news-opinion/what-framework-innovation-design-councils-evolved-double-diamond (about 3min)
- Emotional interaction: https://youtu.be/JjlHswcmlD0 (15.28)
- Interfaces that exist: https://youtu.be/kaKVeR92NkE (10.00min)
- Discovering requirements (focus on personals and scenarios): https://youtu.be/0WBzvQxFolQ (8.05)
- Design Thinking: https://www.interaction-design.org/literature/article/5-stages-in-the-design-thinking-process (about 7min)

Some tools you may find useful in the practical part

- Relevant tools for evaluation: (coming soon...)
- Persona with an empathy map (10min - 5 pages) Ferreira, B., Silva, W., Oliveira, E., & Conte, T. (2015, July). Designing Personas with Empathy Map. In SEKE (Vol. 152).
- Persona examples: https://userguiding.com/blog/user-persona-examples/ (15 min)
- User scenarios: https://www.justinmind.com/blog/how-to-design-user-scenarios/ (10min)

Day 2: Diversity and inclusion

Who is the other?

about 60min + 30 min reflection

- A real person living in a world designed for unicorns (3 min)
  https://www.vasilikimylo.com/post/a-real-person-living-in-a-world-designed-for-unicorns
- Designs that kill women: https://youtu.be/7LQfu05i-80 (5.02 min)
- Watch from 4.27 – 6.02https://youtu.be/oWRbx_NWVxk?t=267 (2min)
- 3D printed unicorn: https://www.youtube.com/watch?v=5t7kFRQ5S-4 (4.28 min)
- Autism: https://www.youtube.com/watch?v=NCAErePScO0 (30 min)
- Stargardt Disease: https://www.youtube.com/watch?v=BWICh2sqxjs (9.16 min)

How do we design our digital society?

about 30min + 30 min reflection

- https://www.vasilikimylo.com/post/blind-spots-pt-1-designers (3min to read - 12:27min video)
- AI algorithms and bias: https://medium.com/mit-media-lab/the-algorithms-arent-biased-we-are-a691f5f6f6f2 (about 5 min read)
- Impressive tech: https://www.youtube.com/watch?v=bbEEmc0xtvw (1.44 min)
- One arm and prosthetics: https://www.youtube.com/watch?v=ZU_d5p61Qx0 (09.06)
- I have one of the most advanced prosthetic arms in the world (about 5min):
  https://www.inputmag.com/culture/cyborg-chic-bionic-prosthetic-arm-sucks

User research and other tools for inclusive design

about 50min + 30 min reflection

- A framework for empathy (35min - 13 pages)
  Kouprie, M., & Visser, F. S. (2009). A framework for empathy in design: stepping into and out of the user's life. Journal of Engineering Design, 20(5), 437-448.
- Inclusive 101
  - (have it as a resource) https://www.microsoft.com/design/inclusive/
  - https://download.microsoft.com/download/b/0/d/b0d4bf87-09ce-4417-8f28-d60703d672ed/inclusive_toolkit_manual_final.pdf (10 min to read)
- Web accessibility (5 min to go through) https://developer.mozilla.org/en-US/docs/Web/Accessibility/Understanding_WCAG

Pre course (preparation)

30 min

Wright down a list (Boulet points) of questions, thoughts, and/or comments that came up to your mind when you were reflecting on the material.

You can bring them to the class and discuss them in the related parts

For those who want to take the credit

1. Reflect on the 3 most important things you learned in this course. You can use the pre-course assignment to structure your reflection. What did you learn? Did you change your mind on something? Why this learning was important to you? (max 700 words)
2. In addition, answer these questions (max 700 words)
   a. How do you perceive diversity? Now in relation to before the course. Is there any difference? Why there is/isn't a difference?
   b. How do you perceive disability? You can base your answer on the different definitions. Is it some definition you agree more than other or maybe a combination of them? You can take a look here if needed: https://www.disabled-world.com/definitions/disability-models.php