

FYP Weekly Report:

Week 5/13 – 15/9/2017

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What have I done?

1. **Peer Consultation: Peer Consultation 2 15 September 17 (Friday)**

Documentation: Voice Recording – Peer Consultation 2 150917

Design thinking Feedbacks:

a. Mobility Level Chart

Comment: Still working on it.

Action to be taken: Researching.

b. The degree of pain level in Stages

Comment: Not necessary because the level of pain experience differ from individuals.

Action to be taken: Input in and explain why this is not necessary.

c. Detailed Aspiration to generate storyline

Comment: There are missing persona image, more detailed desires for the audiences to follow up)

Action to be taken: Take more images and document it down.

d. Graphic information of the Environment.

Comment: Understanding the context and constraint

Action to be taken: Work on the infographics of Standard Obstacles from Cybathlon.



The CYBATHLON is a unique championship for people with disabilities competing in **six disciplines**, using advanced assistive devices including robotic technologies.

e. At which stage, should we come in with the designed solution?



Group B:
Required walking cane



Group C:
Required walking cane & Caregiver

Comment: Work on Group B and C as they are already experiencing the effect of degenerative joint and it would make more senses to relieve their pain and increase their mobility.

At this stage, the designed product acts as a preventive measure to prevent them from moving to the next stages of immobility.

Action to be taken: Focus on their group and get more information on their constraint and limitation. The product function should prevent and degrade the elderly from the immobility group.

Bibliography

Cross, N. (2011). *Design Thinking*. New York: BERG.

CYBATHLON – *Moving people and technology*. (2017). Retrieved from Powered Exoskeleton Race:
<http://www.cyathlon.ethz.ch/cyathlon-2020/disciplines/powered-exoskeleton-race.html>