

Inclusive Wayfinding: co-designing architectural recommendations for people with learning disability

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The United Nations aims to ensure that cities and human settlements are inclusive and accessible, safe and resilient, and that public spaces for all by 2030. Particular attention is given to women, children, older persons and persons with disabilities.





Research problem

Lack of Self-Advocacy



Building Standards and Regulations



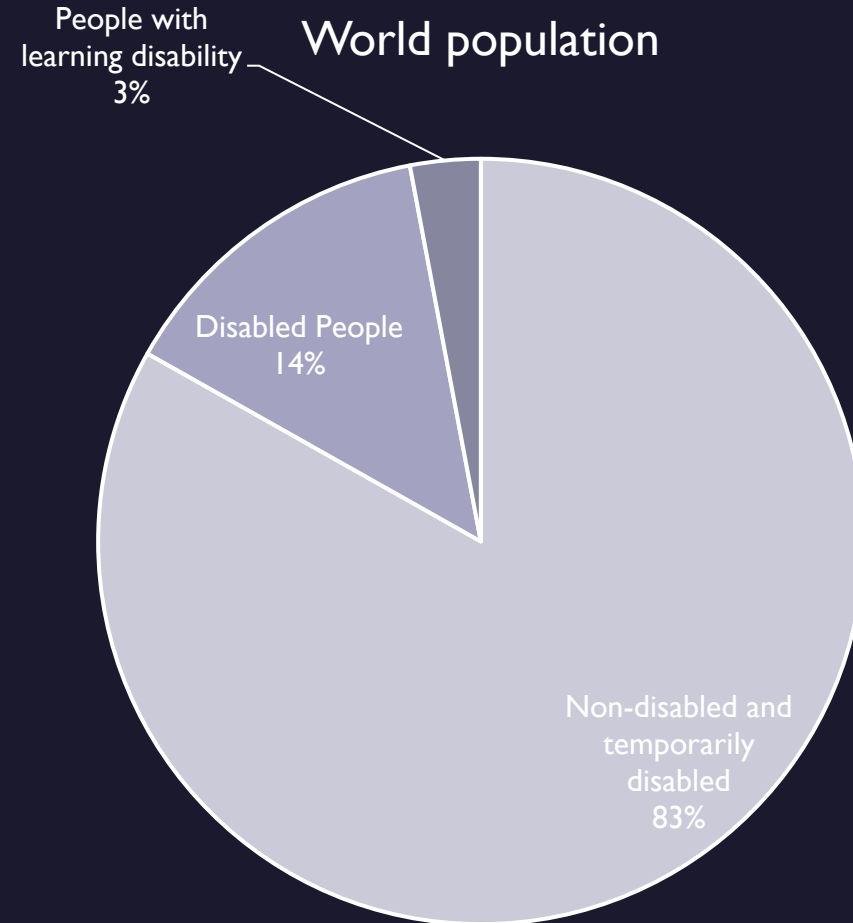
Architects' Attitude Towards Learning Disability



Lack of Architectural Guidelines for People with Learning Disability

What is learning disability?

- Usually not visible.
- Someone with learning disability might find a difficulty
 - Understanding complicated information.
 - Learning some skills.
 - Looking after themselves.
 - Everyday activities.



Research aim

To fully include people with learning disability in creating accessible architectural guidelines

How can this be achieved?

Data collection phases

Exploratory survey

- Interviews

Investigating survey

- Walking interviews + observations

Validation

- Validation workshops
- Co-design workshops

Case study selection

outputs

Architectural barriers

Architectural solutions

Methodological
reflections

Social insights

Architectural guidelines

Participant led

Familiarity

Empathy

Environment
type

Building
exterior and
access

Working for a
self-advocacy
organization

Staff

Communication

Wayfinding

Facilities

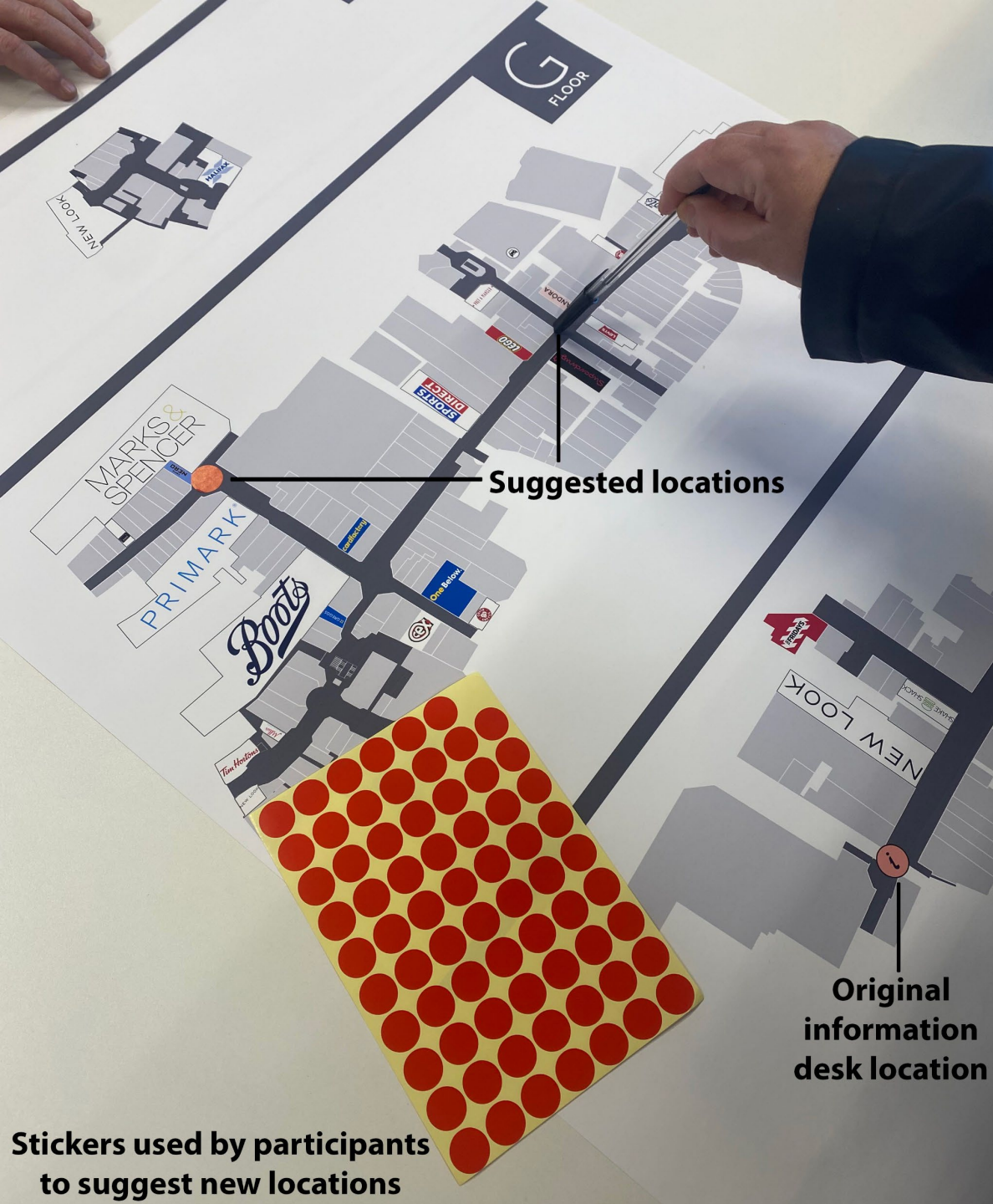
Time frame and
numbers

Recovery

Space design

Sensory load

Recovery and
safety



Wayfinding

Stickers used by participants
to suggest new locations

Challenges

- Unclear layouts
- Ambiguous signage
- Absence of wayfinding aids
- Stress and anxiety
- Abandon task
- Decreased independency

Recommendations

- Diversifying wayfinding cues
 - Information desks, maps, directional signs, landmarks, electronic maps, leaflets.
- Clear layouts

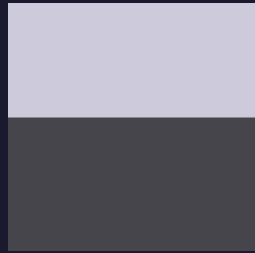
Wayfinding cues



Well distributed



Large print



Good colour contrast



Easy-Read



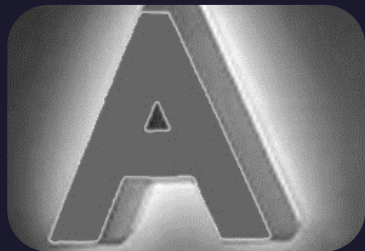
Signposting



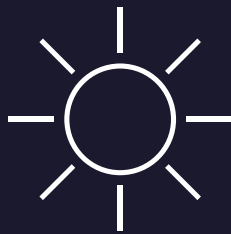
Other disabilities



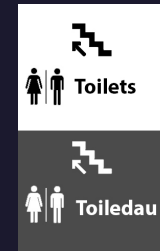
Options of signs



Well lit



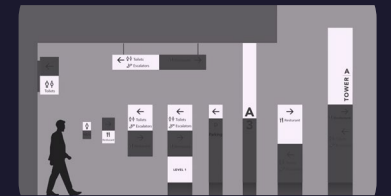
Easily distinguishable



A clear distinction between different languages



Provide directions



Options of sign levels

Thank You

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LinkedIn



CU profile



Inclusive business guide

