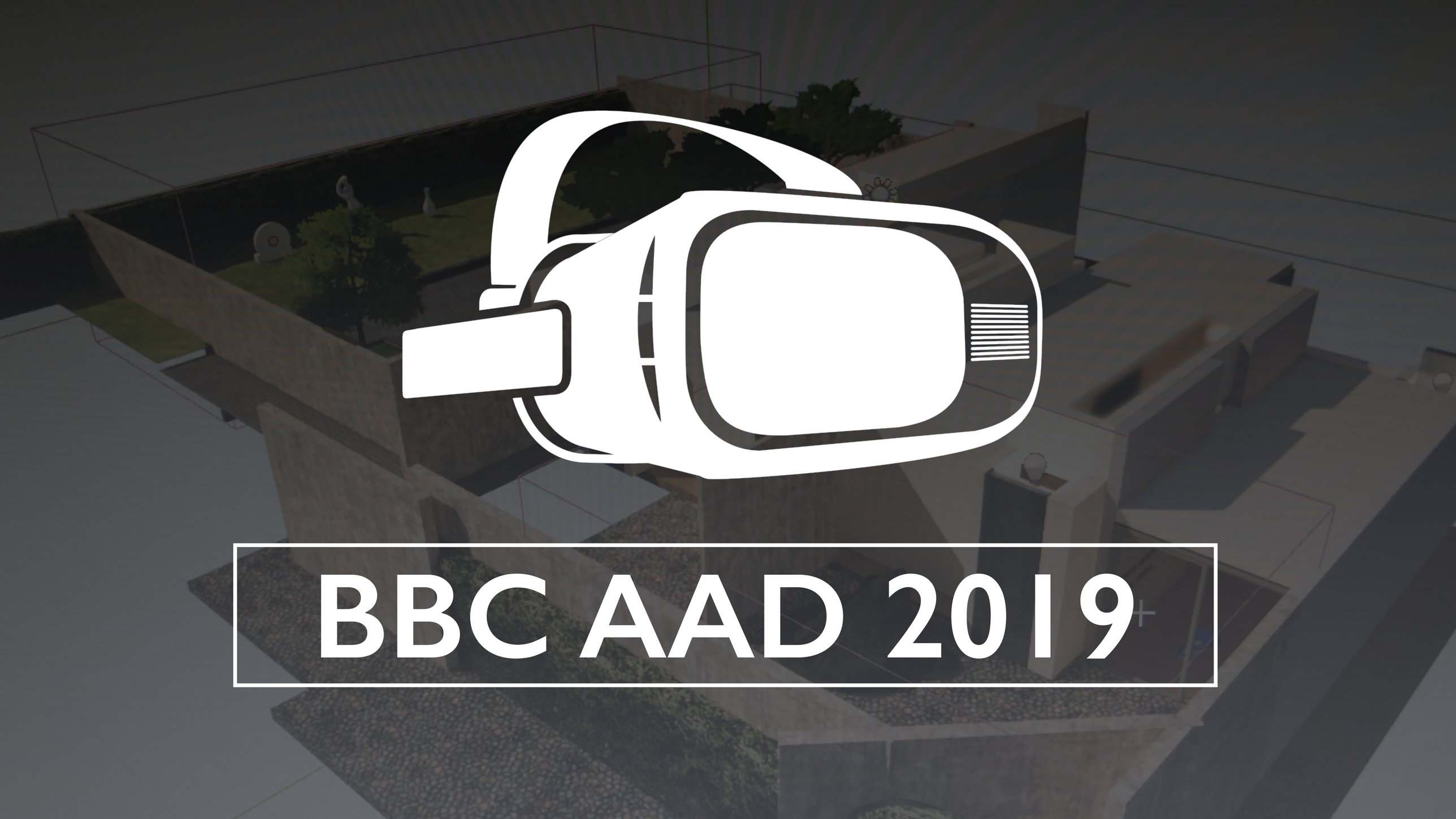


BBC AAD 2019

Speech is hard

Jamie + Lion

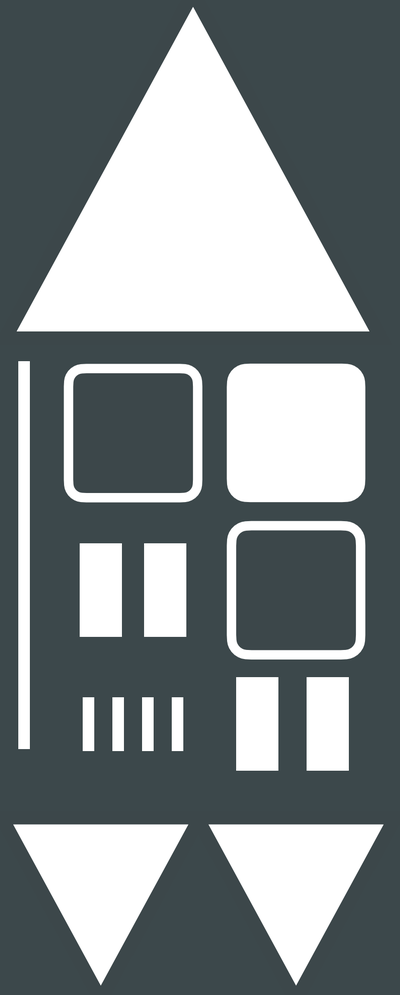
Senior Research Engineer

Tools - Teaching - Technology

Engineering

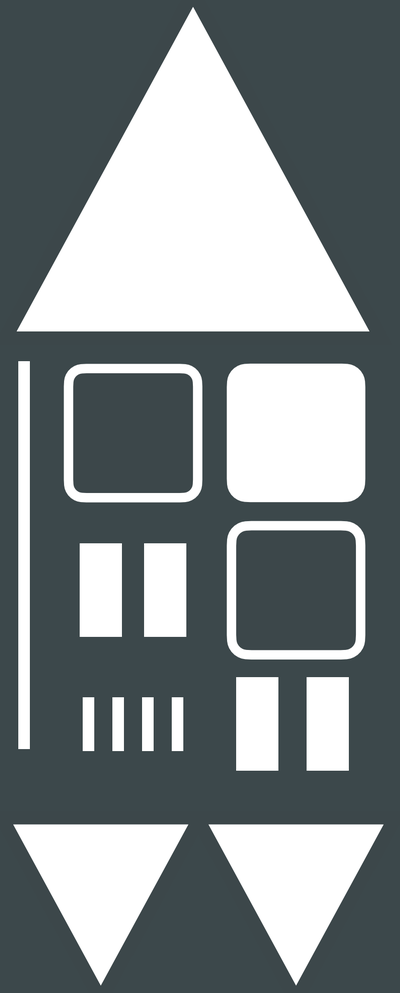
"The action of working **artfully** to bring something about."

Oxford Advanced Learner's Dictionary



VR Barriers Research

To understand **virtual reality** in the context of **inclusive design** to become **artful** in when creating future experiences



Background

Background

Story so far

Background

Story so far

What Next

Background

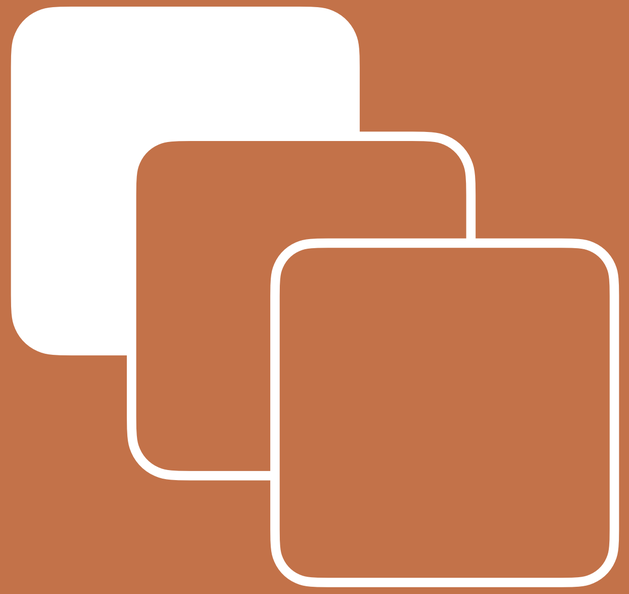
Story so far

What Next

Background - what we're doing and why

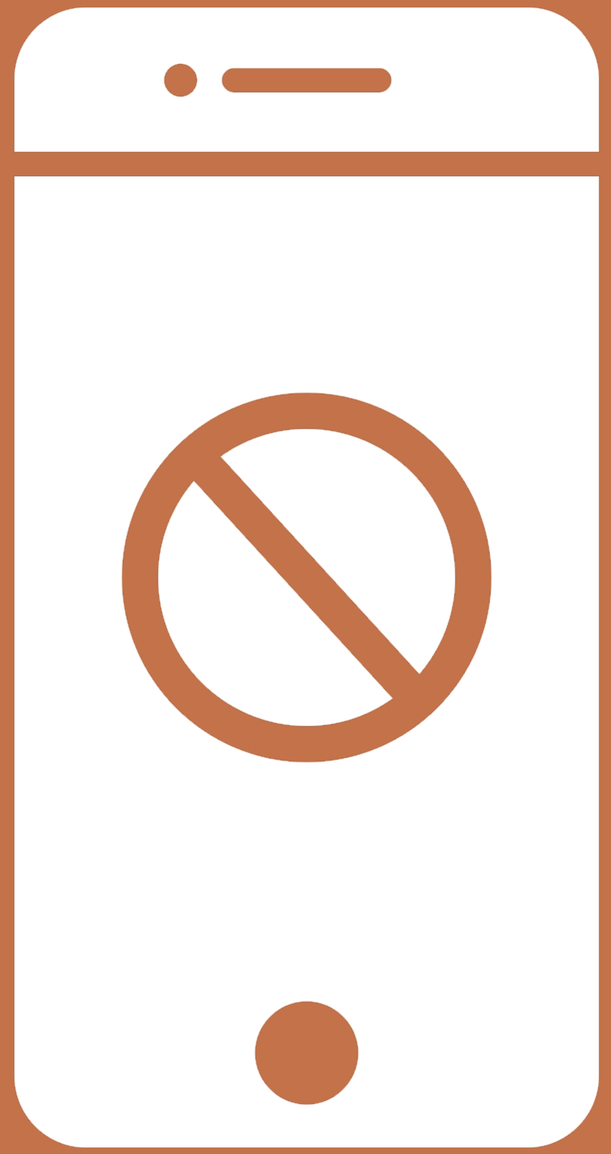
The Story So Far - putting it into practice

What next - into the *wild* beyond.



Background - what we’re doing and why

“Our goals is to make sure our websites, apps and services **don't disable people.**”



Disability has many **lenses**

Impairment.

The factual difference. The specific thing. E.g, Speech, mobility etc

Environment

The things around us. Buildings, attitudes, beliefs & expectations.

Impairment
+ Environment
Disability

As designers we **disable** people when we create barriers in digital environments

BBC

VR | BARRIERS RESEARCH

Barriers Data **Principles** **Guidelines**

In a nutshell…

Not doing science

looking for questions not solutions.

Broadest Groups

120+ participants. Anyone can participate.

~~**Background** - what we're doing and why~~

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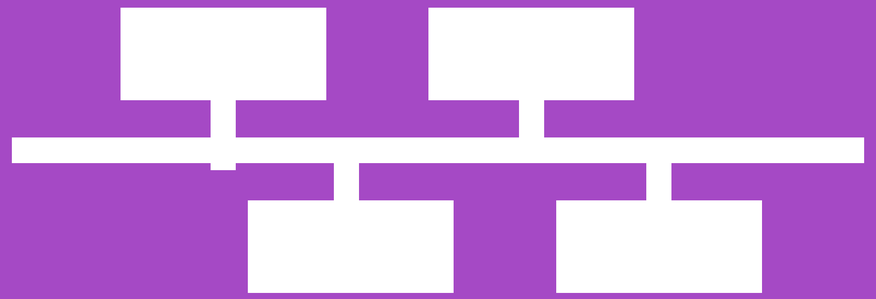
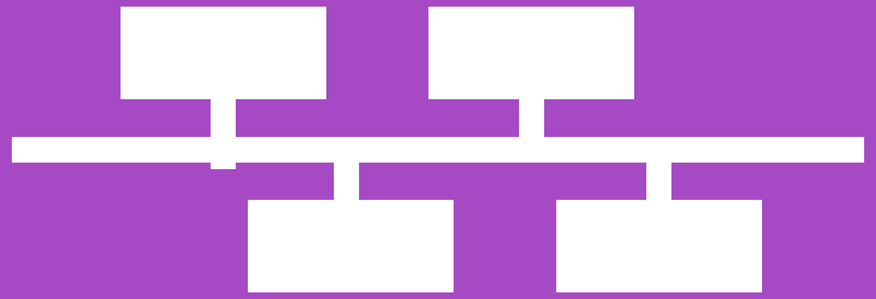


The Story So Far - putting it into practice



The Story So Far - putting it into practice

Who

What

Where

How

Who

Impairment	Vision	Hearing	Cognitive	Motor
Target Count	~35	~35	~35	~35
Current Count	2	1	45	2

~~Who~~

What

Where

How

Where

SEN Schools

Service Groups

Events

Home

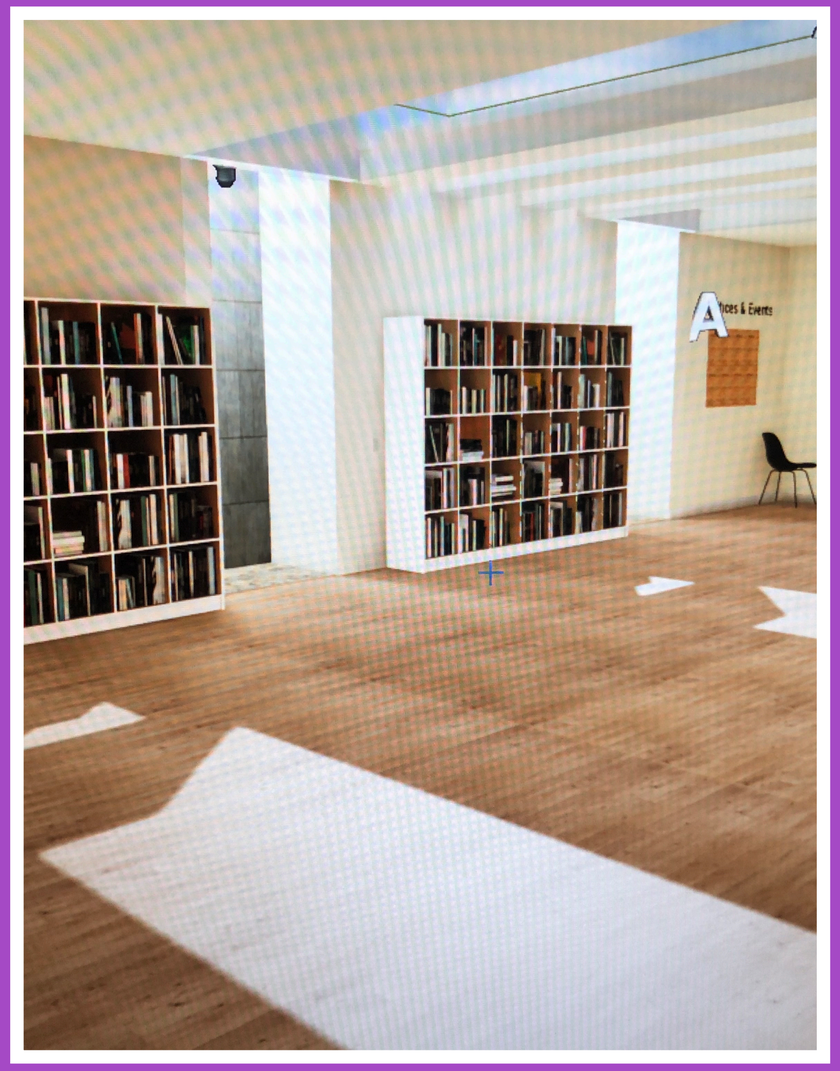
~~Who~~

What

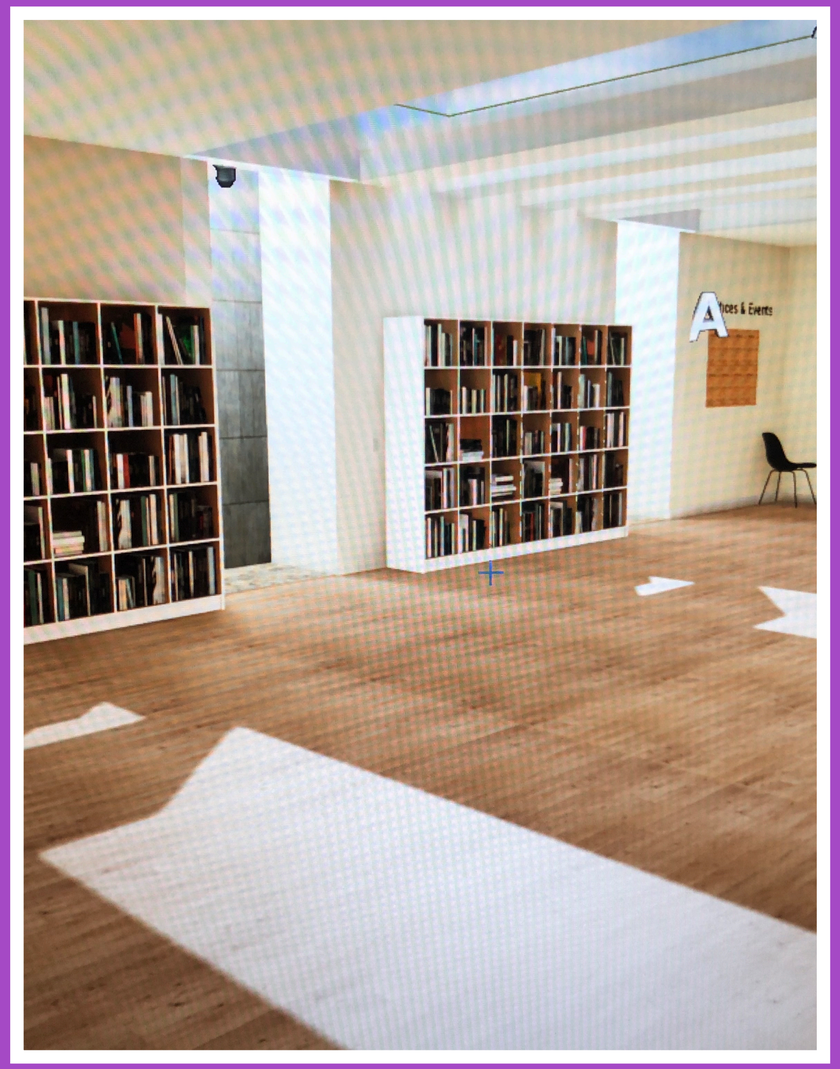
~~Where~~

How

What



What



Q1: Navigation

Q2: Interaction

Q3: Information Gathering

~~Who~~

~~What~~

~~Where~~

How

How

How

Active Facilitation

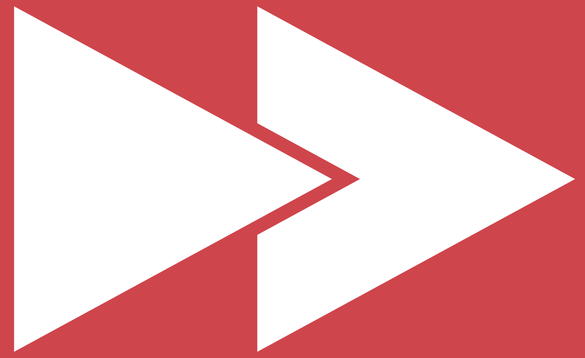
Order matters

Pacing + Reflection

~~**Background** - what we're doing and why~~

~~**The Story So Far** - putting it into practice~~

What next - into the *wild* beyond.



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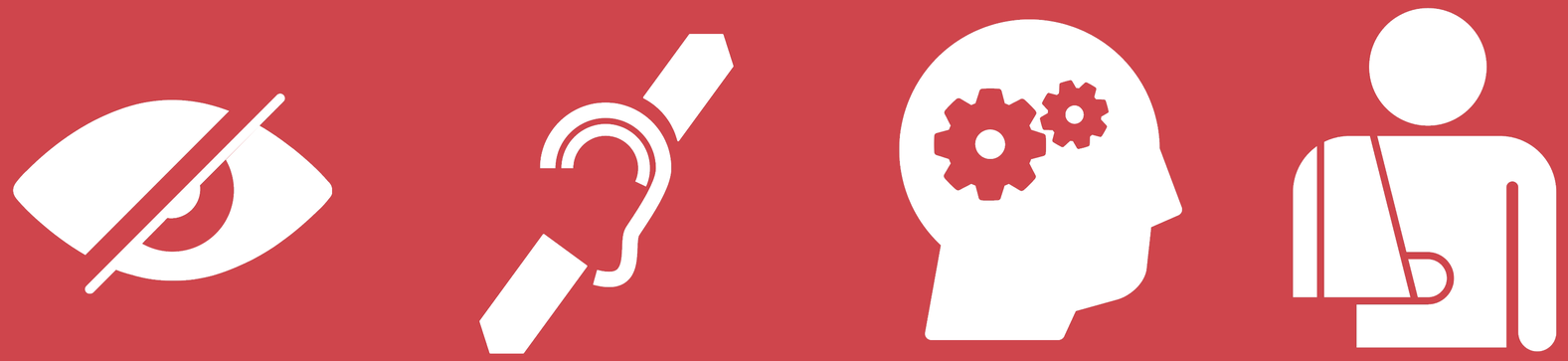
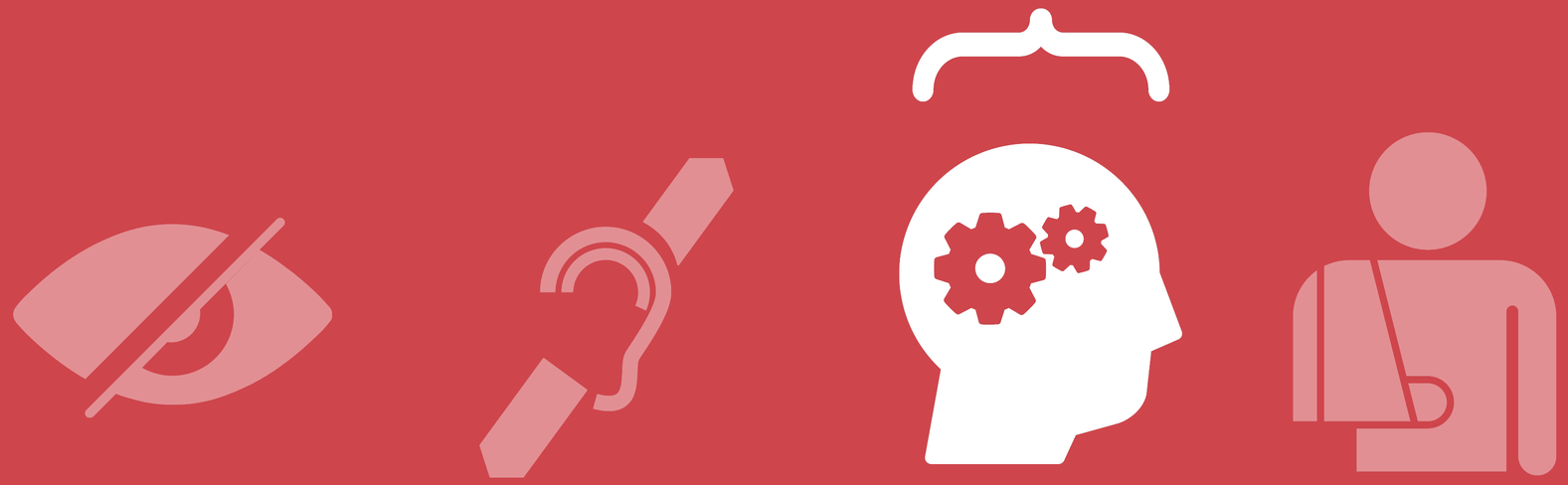


More Participants Needed

Now

More Participants Needed

Next



More Participants Needed

Q3 2019

More Participants Needed

jamie.knight@bbc.co.uk

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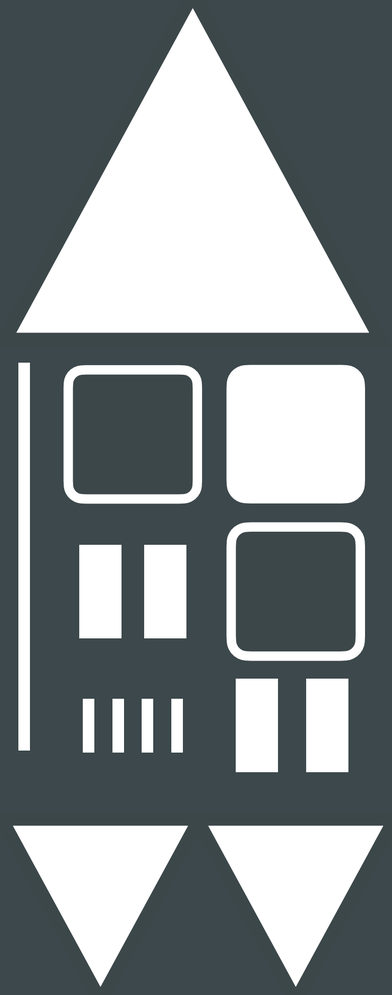

Thank You.

jamie.knight@bbc.co.uk