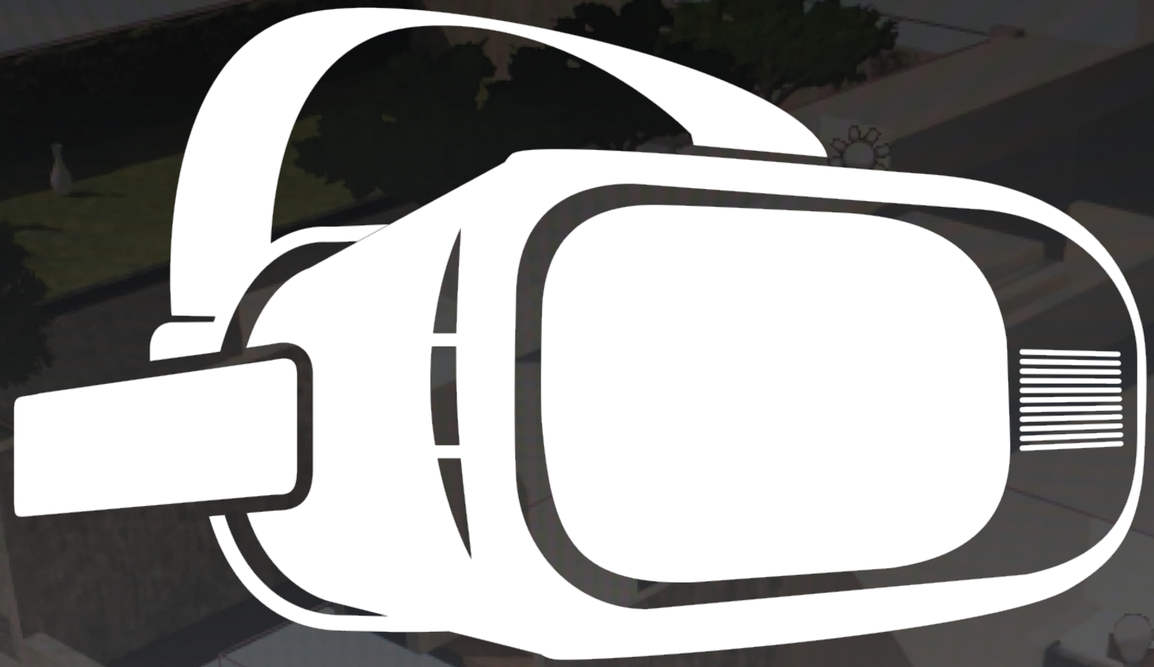


BBC VR Barriers Research

Speech is hard

Jamie + Lion

BBC Senior Research Engineer

(Digital Accsessbility)

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

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

Disability has many **lenses**

Impairment.

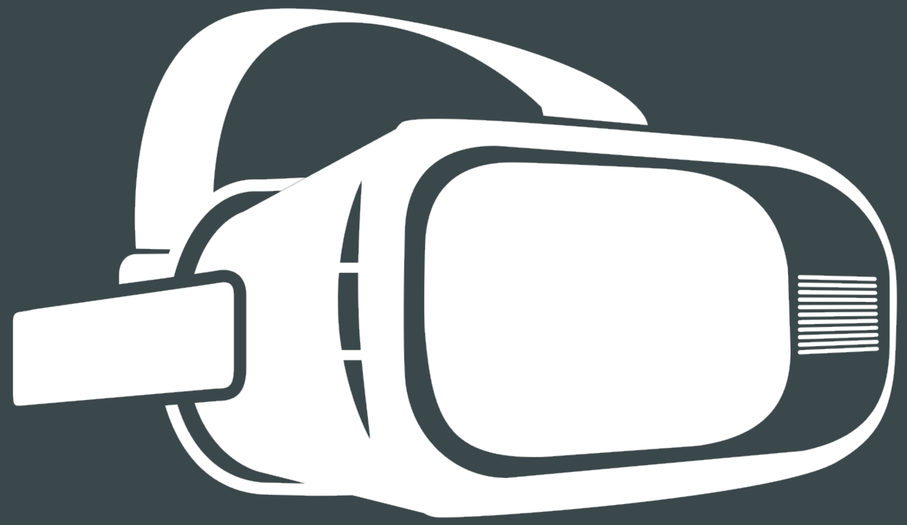
The factual difference. The specific thing. E.g, Speech, mobility etc

Environment

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

Impairment
+ Environment
Disability

We **disable** people when we create barriers in environments



VR is the creation of new **environments**
& the creation of new **barriers**

BBC

VR | BARRIERS RESEARCH

Navigation

Interaction

Performance

Solutions

Colour

Goals

Methodology

Highlights

Today I'd like to share.

Goals

Highlights

Goals - what we're doing and why

1

To build a **dataset** of observed **barriers** faced by a wide range of users within VR environments

1

To build a **dataset** of observed **barriers** faced by a wide range of users within VR environments

2

To consider if the current **inclusive design principles** encompass all observed barriers

1

To build a **dataset** of observed **barriers** faced by a wide range of users within VR environments

2

To consider if the current **inclusive design principles** encompass all observed barriers

3

To develop a **methodology** and **environment** for user testing VR with a diverse user group.

1

To build a **dataset** of observed **barriers** faced by a wide range of users within VR environments

2

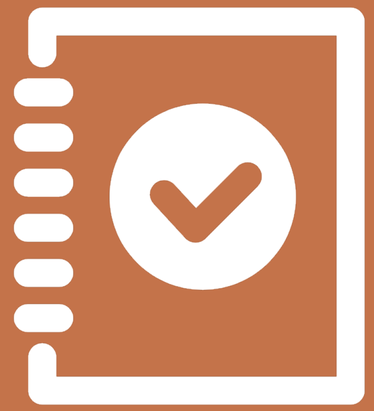
To consider if the current **inclusive design principles** encompass all observed barriers

3

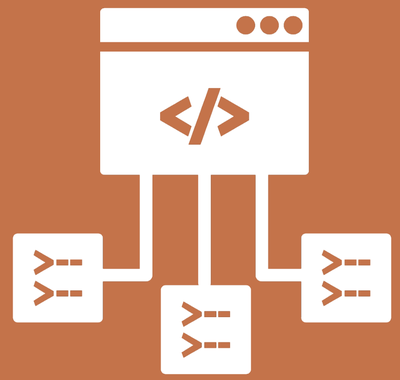
To develop a **methodology** and **environment** for user testing VR with a diverse user group.

Out of scope…

Solutions



Guidelines



Framework

In a nutshell…

Not doing science

looking for questions not solutions.

Broadest Groups

160+ participants. Anyone can participate.

Today I'd like to share.

~~Goals~~

Highlights

Highlights

1

Highlight #1 - Making new friends

SEN Schools

Service Groups

Holidays

Events

Home

BBC

At the BBC

2

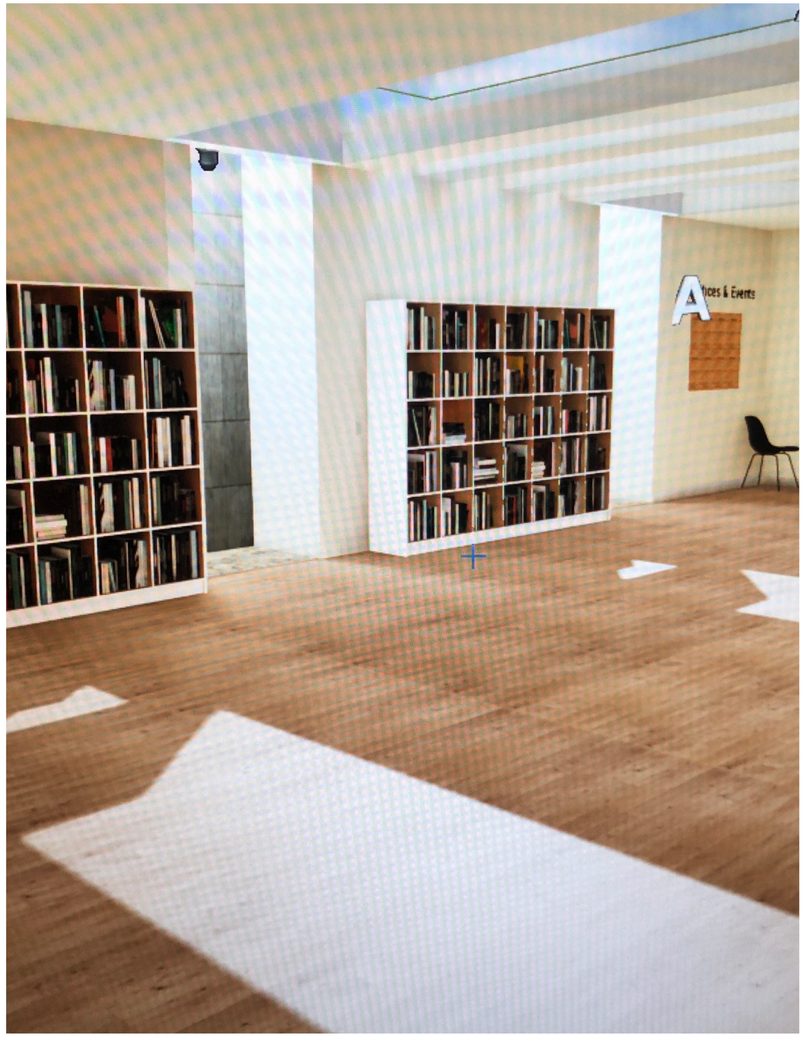
Highlight #2 - Switch Support

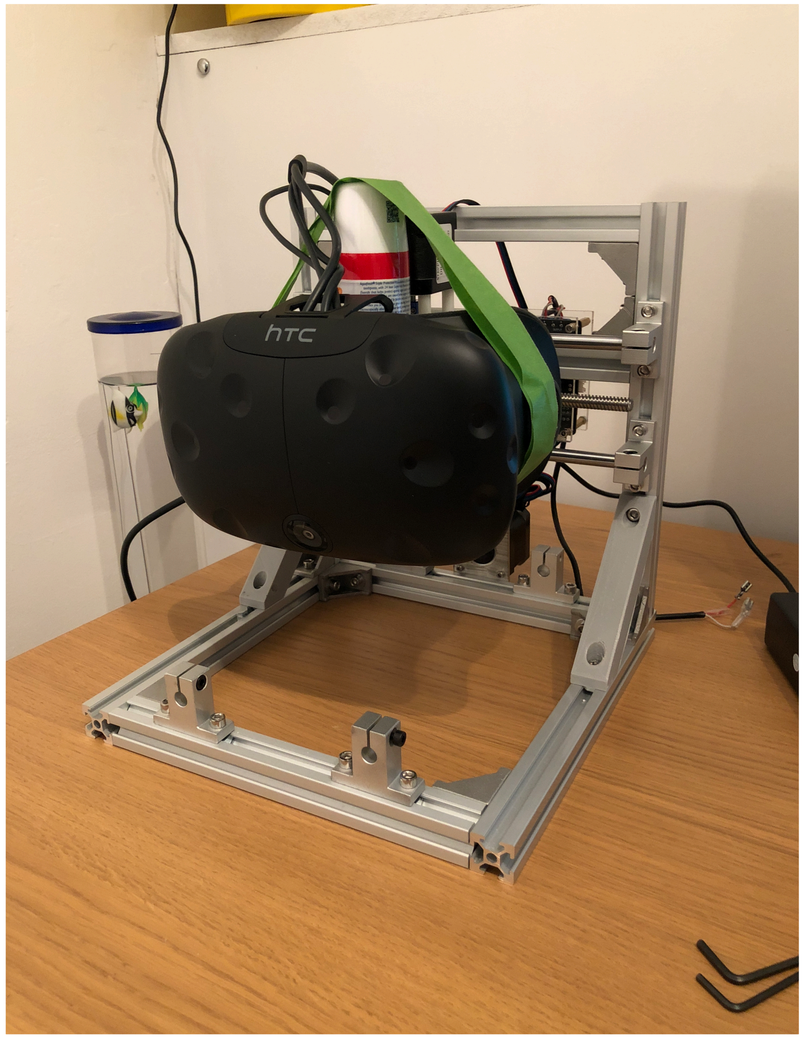
GOTTA CATCH

htc

3

Highlight #3 - VR Design & VR Robots


A
ices & Events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Today I'd like to share.

~~Goals~~

~~Highlights~~

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

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

Thank You.