

STEP INTO A STRANGER'S BODY

THE EMPATHY MACHINE



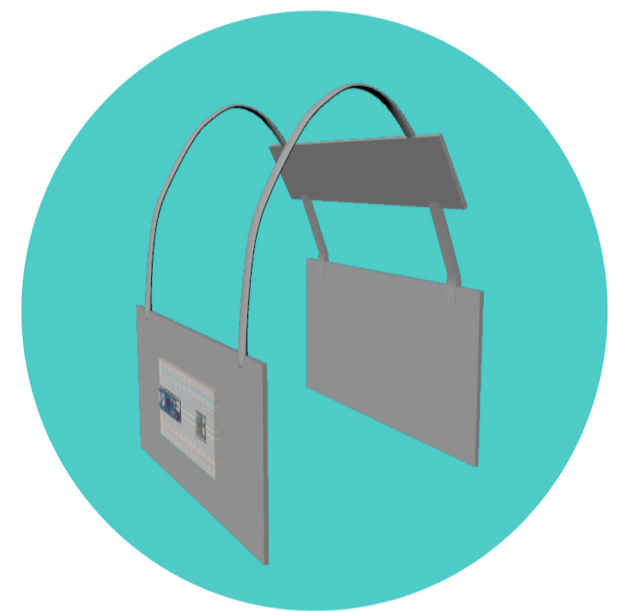
WHY

Lack of empathy is common among people suffering from mental disorders. It impacts their social lives and wellbeing. How can we help them emotionally connect to others ?



HOW

We are hoping to create a shared physiological experience through technology to enable the participants to feel deeply connected to each other



WHAT

We produced a set of wearable devices capable of sensing, exchanging and mimicking bio-signal (heartbeats and breathing) data over a network between two participants



APPLICATIONS

We intend to augment the VR body-swap experiment 'Machine To Be Another'

Group Therapy ?



DIFFICULTIES

Among other technical issues, we need to think about a system that does not create confusion between senders' and receivers' bio-signals



WHAT'S NEXT

Data collection and analysis to measure physiological changes/empathy as participants are synchronising their vital signs

A group experiment using an infrared system that allows exchanging data with various participants