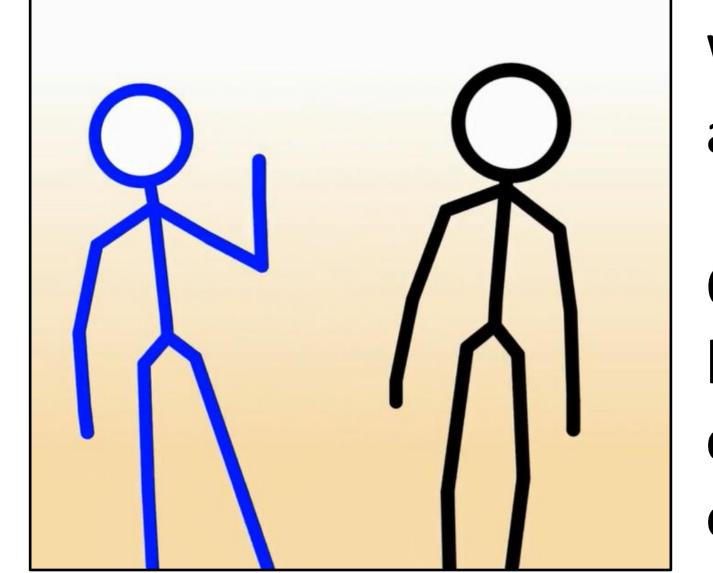
Supporting Non-Verbal Visual

Communication in Online Group Art Therapy

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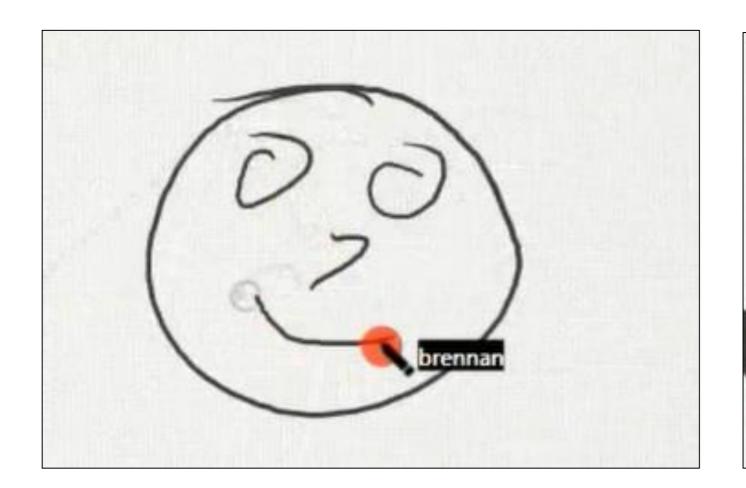
Description

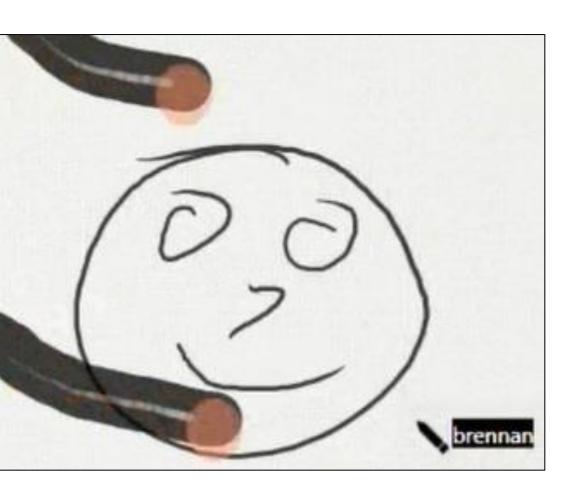


We designed a series of tools that support collaboration in online group art therapy by enhancing awareness of non-verbal cues and group presence.

Our goals in designing these tools were to promote shared creative experiences, promote emotional bonding between group members, allow for meaningful interaction through non-verbal communication, and allow group members to be aware of each other without actually seeing each other.

Enhancing Feedthrough





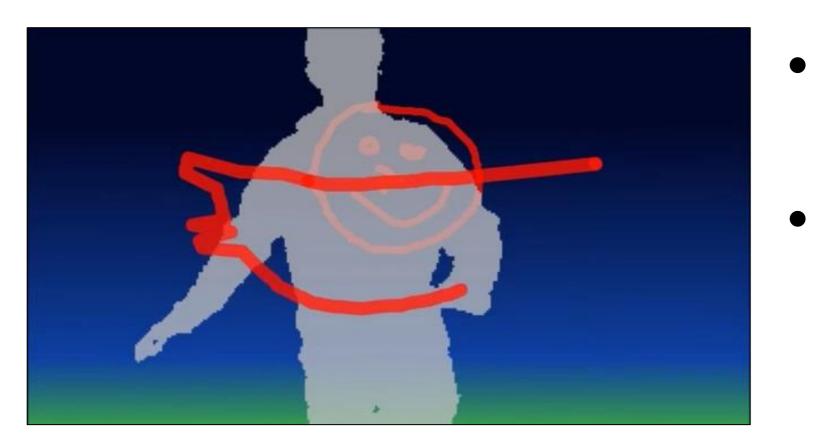
Exploration of Painting Primitives



- Users can create collages from clip art images or from found images.
- Users can also play around as if in a sandbox.

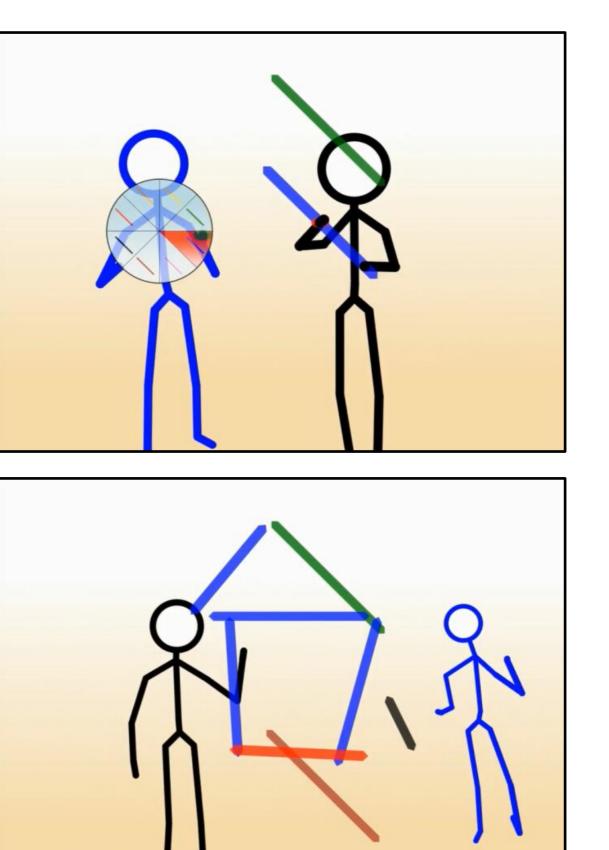
- Shared online drawing space utilizing tablets.
- Representation of pen pressure, finger contact width, and drawing speed.

Painting the Environment



- Users are represented as silhouettes.
- Users can draw strokes in a 3D environment and interact with their environment.

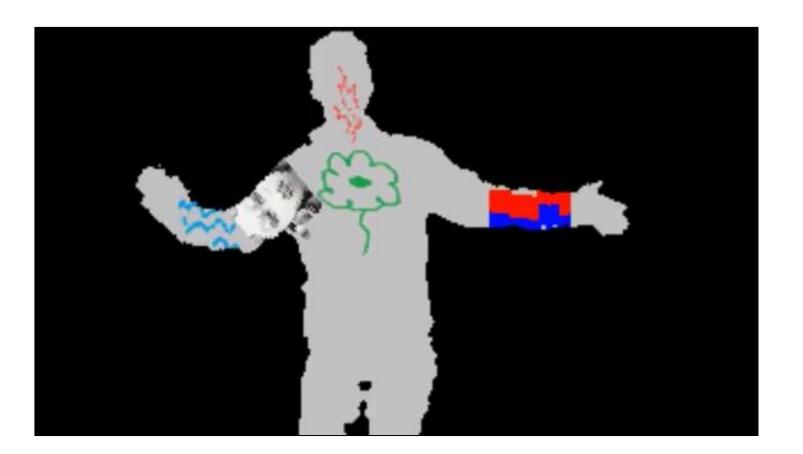
Stick Figure Art Therapy



Conveys its user's body language in a unique way, providing people with even more ability to shield themselves from unwanted attention to their actual appearance.

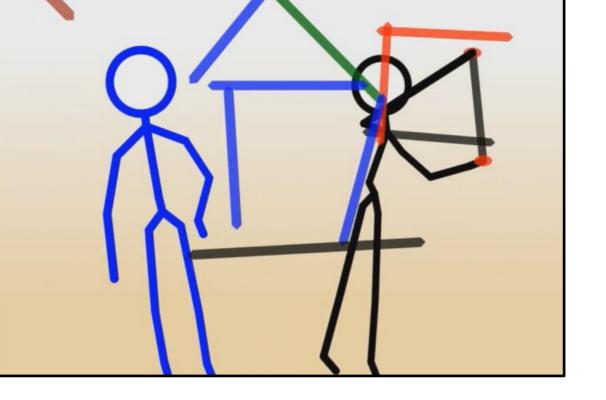
- Users can create artifacts together using sticks, rather than through drawing.
 - Similar to driftwood art.
- Users can also engage in playful interactions with each other,

Bodyspace Painting



Users can customize

their appearances in an artistic way by painting on their own silhouettes.



thus promoting emotional bonding.

