

# The integration of hand gestures to enhance expression via drawing in the context of counselling

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# Context

Many people young or old have emotional issues that they are unable to overcome or express, so we hope that by implementing this method to enhance their expression via drawing.

## Draw your feelings

**So what is the best way to help these people express and share their feelings with their therapist?**



# Short description of your idea

Imagine that you are in a counselling session, but the words don't come out, you are too frustrated to share your feelings, so your therapist hands you a device and asks you to move your hands and draw your heart out instead.

Why do you think this could improve the status quo?

This can improve communication with the therapist and make it easier for the user to express him/her-self for better results.

# Short description of your idea

Evaluating this idea is going to be through a questionnaire handed to people who attend this new type of counselling using the following criteria:

- **User satisfaction**
- **Device accuracy**
- **Quality of communication with therapist**
- **Ease of use**

# The use of hand gestures for drawing in context of presentations

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# Context

Nowadays, many teachers and researchers use presentations in everyday's life but there is an issue with accessing a space (for example: no whiteboard) where teachers can write notes, make drawings, and help students focus on a certain section of the slides, so we came up with the idea to use hand gestures to draw or write on the screen

# Short description of your idea

Imagine that you are a teacher at a university and you get in class, but you are surprised that there is no chalk, just the screen projector, and today is very important because students have a test tomorrow, so our solution would suggest that you use a glove to be able to write on the slides and even draw without using a mouse and in real time so that all students stay focused.

Why do you think this could improve the status quo?

We are proposing a new way of interaction while removing the constraint of a board or even markers or chalk.

This can also help keep notes in the slides so students can revise at anytime without needing their notes.

# Short description of your idea

Evaluating this idea is going to be through a questionnaire handed to students who attend this new type of interaction using the NASA TLX form.