

Your name:

Phi Bui

Robot name:

Sphero

Your group members:

Ju-Hung, Joey, Michael

One-sentence description of your design:

Sphero tries to show you their favorite toy.

What the group liked about this design:

Animations & indicators (scrolling text).

Suggestions from the group for improving **the idea of your design** OR one thing you learned from someone else's **design** that you could use for future assignments:

I feel like I have made the robot too nice in my last few assignments. The brash & mean robot interactions are always more enjoyable to view and memorable than nice and polite ones.

Suggestions from your group on improving **the code you wrote** OR one thing you learned from someone else's **code** that you could use for future assignments:

Ju-Hung used Google MediaPipe for computer vision so that the Sphero can actually play rock paper scissors.

One change you would like to make or thing you would have done differently about this assignment:

Next time I would like to try to use python to control the Sphero. With a behavior tree implementation I created for my Artificial Intelligence class.

Difference:

Humans used their fingers to point and express emotion rather than a digital display.

The nuances of timing were lost in real life.

There was also some confusion in the communication of instructions.

Similarities:

The interactions were generally similar. Proximities between the actors were relatively the same as well.