**Concept**

A robot that responds to your emotions

Possible Features:

-Depending on what you say to the robot, it will respond to you

-Responds to certain movements; (ex- u SLAP it, it cries, u dance with it, it’s happy)

-Maybe respond to temperature (cold- it shakes, hot-sweat)

Materials:

-Actuators; servo motors for stick arms and legs

-Sound sensor

-Ultrasonic

-Temperature sensor

Resources:

<https://learning.strawbees.com/activity/make-a-friendbot-microbit/>

<https://microbit.org/get-started/first-steps/sound-input/> - has possible features with microbit that can be included

<https://microbit.org/projects/make-it-code-it/disco-lights/?editor=python> – disco party thing

<https://microbit.org/projects/make-it-code-it/calming-leds/> - calming LED lights when stressed