

BILL OF MATERIALS

materials	quantity	vendor	cost	total	notes
GENERAL					
arduino	1	n/a	n/a	n/a	
blue tooth device	1				currently can borrow from ER
small microcontroller	1				for interal use in physical device
breadboard	1				for interal use in physical device
camera	1	n/a	n/a	n/a	personal or ER - for filming interactivecontent for digital interface
SENSORS/MOTORS FOR MICROCONTROLLER					
touch sensor	maybe				need to figure out the best option; for INTERACTION 1: Petting the dog; for INTERACTION 2: Scratch spot;
distance sensor					for INTERACTION 3: Dog kisses
servo motor	2				for INTERACTION 2: Scratch spot/tail wagging; for INTERACTION 3: Dog kisses;
force sensor	maybe				for INTERACTION 4: Hugging dog;
flex sensor	maybe				need to figure out the best option
solder	as needed	n/a	n/a	n/a	in shop
wires	as needed	n/a	n/a	n/a	in shop
resistors	as needed	n/a	n/a	n/a	in shop
STUFFED ANIMAL					
felting wool					tbd
felting needles					tbd
finger protectors					tbd
pink button/plastic for tongue					tbd