Component	Qty	Price	Description	Source
Arduino Uno R3	1	Free	Allows for implementation of components, this is the brain of the circuit	Game Lab
IMU 6 DOF	1	$15.89	Sense the movement of the aiming hand of the user	Amazon
Flex Sensor	2	$10.48 Each	Detect how far the user is pulling the bow back	Amazon
Vibration Motor	1	$16.99	Provides haptic feedback and immersion when drawing back the string correctly	Amazon
Small Breadboard	1	Free	Acts as a hub for all other components to connect to each other	Game Lab
NPN Transistor	1	Free	Allows for the vibration motor to function	Game Lab
1k Ohm Resistor	4	Free	Adds resistance to the circuit so it can flow as intended	Game Lab
LED	1	Free	Lights up to indicate when the user has steady aim	Game Lab
Bow	1	$45.99	The base of the main controller, this is what the user holds, draws, and shoots	Amazon
Case	1	Free	Holds the main components of the circuit inside to protect them from damage and from being seen. Straps around user's arm when using the bow	Game Lab 3D Print
Duracell 9V Battery	1	Free	Powers the entire circuit	Home