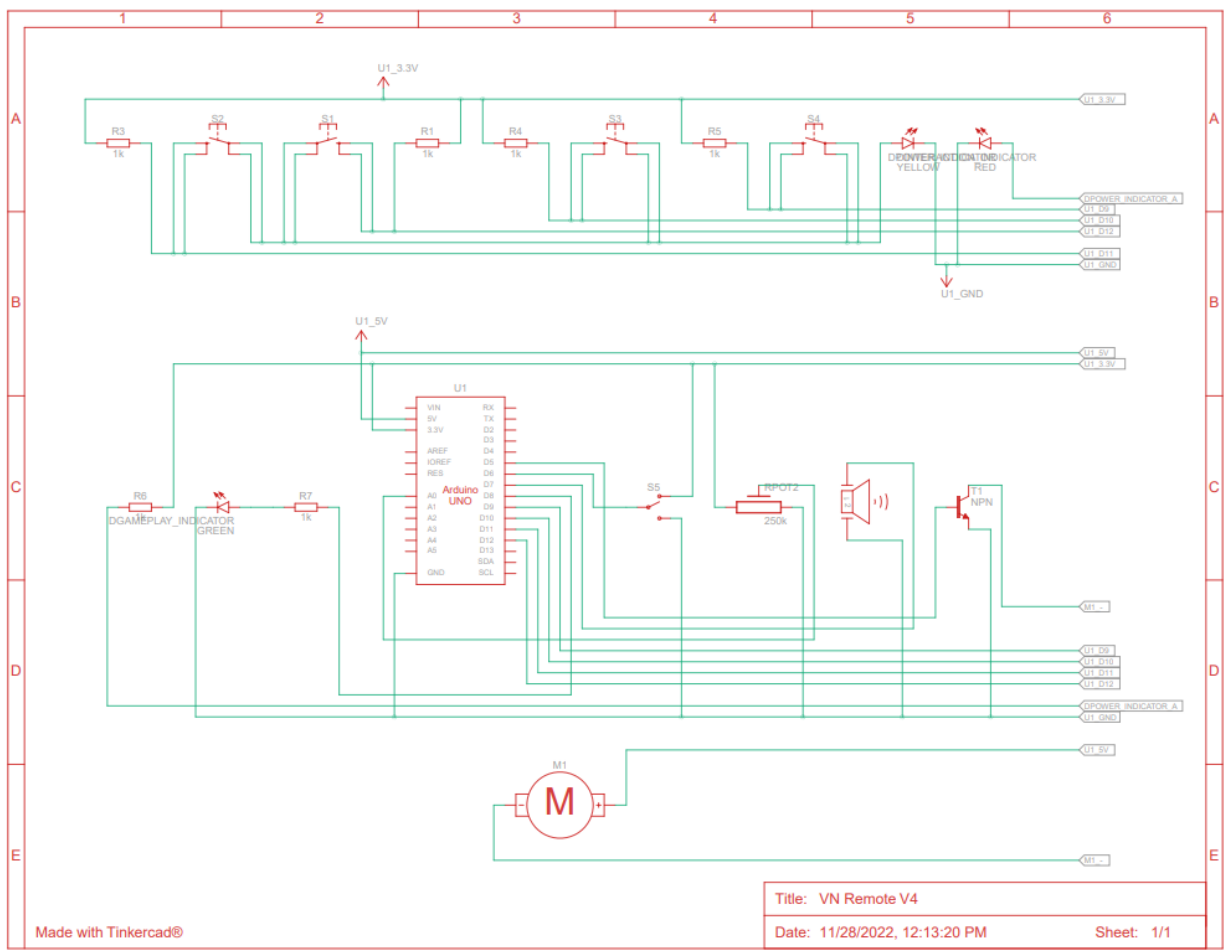


Bill of Materials

Component Name	Quantity	Cost	Role of item	Finding Component
Arduino Nano Board	1	\$24.90	Sends messages to the computer based on user inputs.	Store-Arduino
Yellow LED	1	\$0.83	A visual indicator to the player that the player's input is being received.	Digi-Key Electronics
Red LED	1	\$0.66	A visual indicator to the player that the controller is powered on.	Digi-Key Electronics
Green LED	1	\$0.60	A visual indicator to the player that a special action is required.	Digi-Key Electronics
Push buttons	4	\$2.12	Used to control gameplay. Each button has a specific purpose.	Canada Newark
Sliding Potentiometer	1	\$3.49	Used to toggle different dialogue choices.	Digi-Key Electronics
Slide Switch	1	\$4.00	Used for special gameplay interactions.	Digi-Key Electronics
Vibration Motor	1	\$4.51	Used for rumble/tactile feedback.	Digi-Key Electronics
Piezo Buzzer	1	\$1.05	Used for auditory feedback.	Mouser Electronics
1 kΩ resistor	4	\$0.64	Limits the current traveling through the circuit to prevent the LEDs from burning out.	Digi-Key Electronics
Breadboard	1	\$2.71	Acts as a base to group components together. Used to form a closed circuit between components.	Robot Shop
Wires	29	\$2.41	Used to form	Amazon

			connections between different components on the breadboard and create an electrical current.	
USB 2.0 Cable Type A/B	1	\$7.60	Needed to connect the arduino to the pc for playing the video game.	Store-Arduino
Velcro straps	1	\$10.99	Used for wire management	Amazon Velcro Straps



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