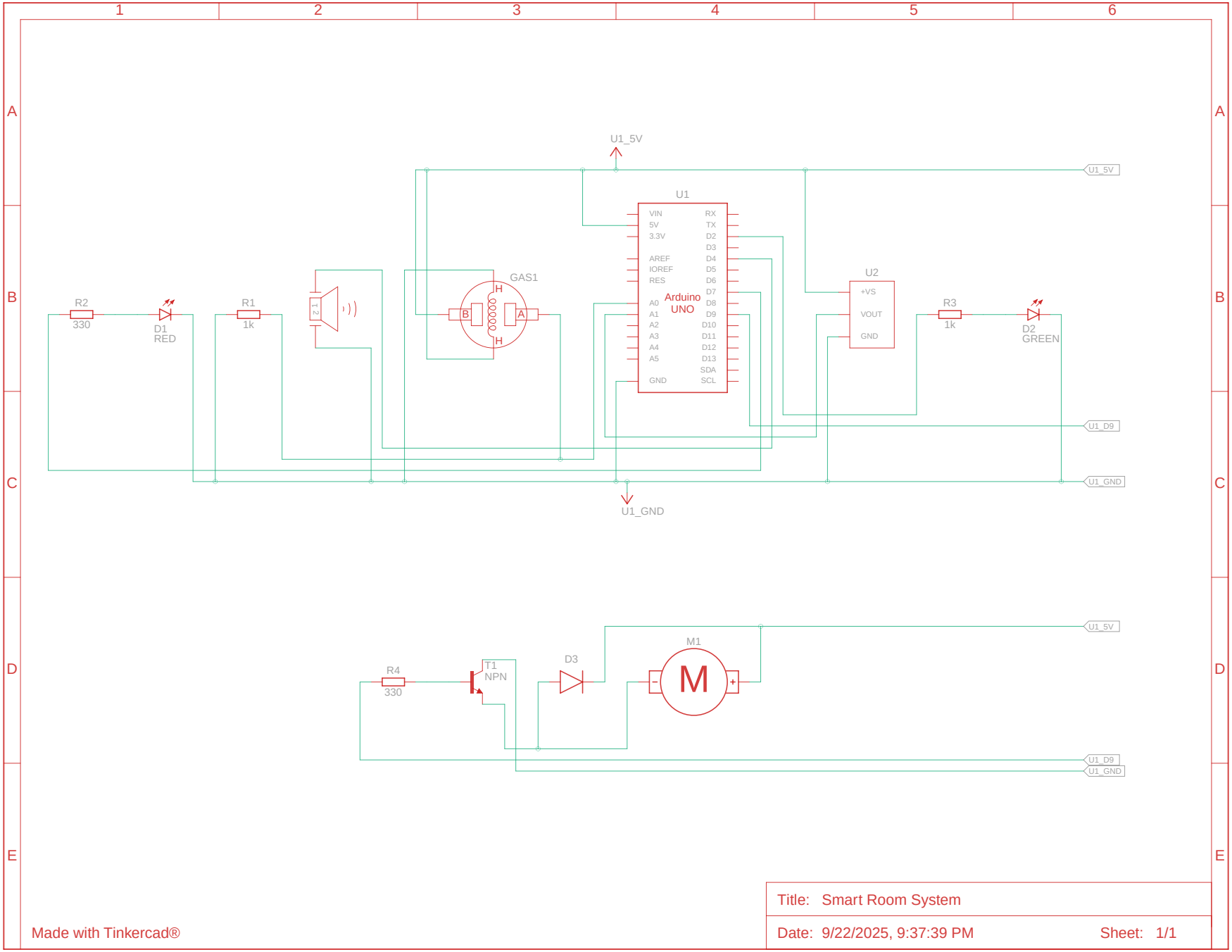
U1_5V
U1
VIN
5V
3.3V
AREF
IOREF
RES
A0
A1
A2
A3
A4
A5
GND
RX
TX
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
SDA
SCL
Arduino
UNO
U2
+VS
VOUT
GND
R2
330
D1
RED
R1
1k
GAS1
H
B
A
H
R3
1k
D2
GREEN
U1_D9
U1_GND
U1_GND
R4
330
T1
NPN
D3
M1
M
-
+
U1_5V
U1_D9
U1_GND
Made with Tinkercad®
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Date: 9/22/2025, 9:37:39 PM
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