

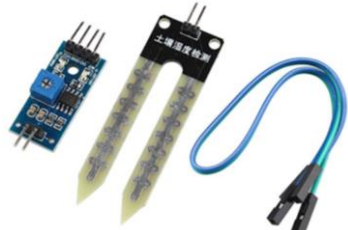


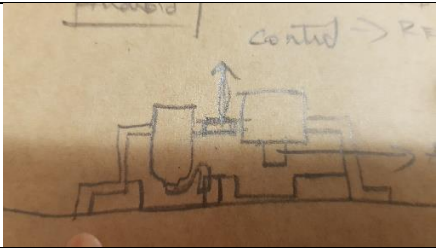


Component List

Item	Quantity	Cost	Component
Analog water sensor	1	3.99	
https://www.amazon.co.uk/HALJIA-Sensor-Detection-Surface-Arduino/dp/B06XQ496SW/ref=pd_day0_hl_107_3?encoding=UTF8&pd_rd_i=B06XQ496SW&pd_rd_r=b7f2527c-2314-11e9-846f-6dde6419884f&pd_rd_w=CWTOB&pd_rd_wg=PMdJh&pf_rd_p=b082d07b-aaea-4f40-9ff3-d27463f747d7&pf_rd_r=WXCNWY6XG73C9BBJ3EXM&psc=1&refRID=WXCNWY6XG73C9BBJ3EXM			
Analog to digital sensor	1	6.99	
https://www.amazon.co.uk/HiLetgo%C2%AE-Converter-Programmable-Amplifier-Development/dp/B01D0WSCNG/ref=sr_1_3?ie=UTF8&qid=1548691146&sr=8-3&keywords=analogue+to+digital+converter+chip+raspberry+pi			
Soil Moisture detector (Water detector alternative) Advantage- Comes with a digital output	1	4.99	
https://www.amazon.co.uk/HALJIA-Hyrometer-Detection-Moisture-Automatic-Green/dp/B06WLHM15C/ref=pd_sbs_23_4?encoding=UTF8&pd_rd_i=B06WLHM15C&pd_rd_r=e13704e9-2317-11e9-9f02-2dcfb0cd6a52&pd_rd_w=DChqv&pd_rd_wg=kSivB&pf_rd_p=18edf98b-139a-41ee-bb40-d725dd59d1d3&pf_rd_r=T81R6RPTC3A2YWQPCYCA&psc=1&refRID=T81R6RPTC3A2YWQPCYCA			
RFID transmitter and receiver	1	5.99	
https://www.amazon.co.uk/BUYGOO-Keychain-RC522-RFID-Arduino-Raspberry/dp/B07D9C82W8/ref=sr_1_5?ie=UTF8&qid=1548691336&sr=8-5&keywords=rfid+raspberry+pi			

Raspberry Pi connector wires (M-M, M-F and F-F)	120	5.59	
https://www.amazon.co.uk/RuiiGuu-Multicolored-Breadboard-Arduino-Raspberry-Multicolor/dp/B07F664ZGZ/ref=sr_1_1?s=lighting&ie=UTF8&qid=1548692951&sr=8-1&keywords=raspberry+pi+connectors+m+to+f			
Weight Sensor (Maximum 2 kg)	1	9.99	
https://www.amazon.co.uk/Amplifier-Breakout-Portable-Weighing-Raspberry/dp/B07LD6X1W4/ref=sr_1_3?ie=UTF8&qid=1548693587&sr=8-3&keywords=weight+sensors+arduino			
Actuator Stepper Motor (Set of 5)	1	11.99	
https://www.amazon.co.uk/Elegoo-28BYJ-48-Stepper-ULN2003-Arduino/dp/B01LXT5740/ref=sr_1_3?ie=UTF8&qid=1548694339&sr=8-3&keywords=stepper+motor			
Water Dispenser	1	11.25	
https://www.amazon.co.uk/DELUXE-PETMATE-WATERIER-Pearl-WHITE/dp/B003EV7F64/ref=sr_1_4?ie=UTF8&qid=1548694972&sr=8-4&keywords=cat+water+feeder			

Food Dispenser	1	15 approximately	
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