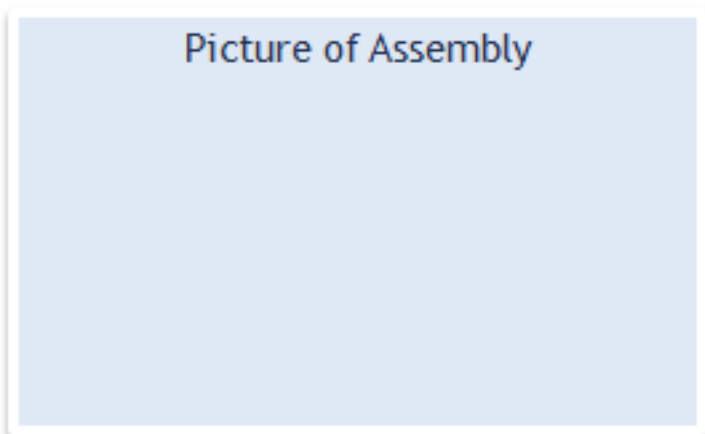


Class	1MCT2
First Name:	Dominic
Name	Ho
Project Name :	_____
Assembly Revision :	_____
Approval Date :	_____
Part Count :	20
Total Cost :	€143

Part #	Part Name	Description	Revision	Qty
1	Raspberry Pi 4 Model B (4GB) startkerkit	Raspberry Pi to control the entire system		1
2	T-shape Rpi GPIO breakout board	T-cobbler and breakout board for GPIO pins		1
3	Electrolytic 3300uF	To measure light with the LDR		1
4				
5	DHT11 sensor	Measure humidity and temperature		1
6	DHT22 sensor	Measure humidity and temperature		1
7	LDR GL5528	Measure Light		1
8	Tactile push button	Push button for servomotor		1
9	MGR 996 servo motor	Servo motor to 'unlock/lock' chest		1
10	470 ohm resitor	resistor		10
	Extra ordering fees (estimated)			1

11	RFID KIT MFRC522 S50 Mifare For scann validation with card and key tag (UPDATED: OPTIONAL)	1
<b>Total</b>		<b>20</b>

## Picture of Assembly



(picture can only be added with END delivery of project!)

Supplier	also available from	Units	Unit Cost	Max Cost
<a href="http://www.sossolutions.nl">www.sossolutions.nl</a>	<a href="http://www.gotron.be/Raspberry+pi+4">www.gotron.be/Raspberry+pi+4</a>	1	\$ 89,95	€ 89,95
<a href="https://www.kiwi-electronics.nl">https://www.kiwi-electronics.nl</a>	<a href="http://www.gotron.be/pi-t-cobbler">www.gotron.be/pi-t-cobbler</a>	1	\$ 6,95	€ 6,95
<a href="https://www.gotron.be">https://www.gotron.be</a>	<a href="https://www.conrad.be/p/teapo-sy-470uf35v-10x20mm-elektrolytische-condensator">https://www.conrad.be/p/teapo-sy-470uf35v-10x20mm-elektrolytische-condensator</a>	1	0,95	1,2
<a href="https://www.tinytronics.nl">https://www.tinytronics.nl</a>	<a href="https://www.kiwi-electronics.nl">https://www.kiwi-electronics.nl</a>	1	\$ 2,50	€ 2,50
<a href="https://www.conrad.be">https://www.conrad.be</a>	<a href="https://www.tinytronics.nl/shop/nl/sensoren/temperatuur-lucht-vochtigheid/dht22">https://www.tinytronics.nl/shop/nl/sensoren/temperatuur-lucht-vochtigheid/dht22</a>	1	\$ 11,18	€ 11,18
<a href="https://www.tinytronics.nl">https://www.tinytronics.nl</a>	<a href="https://www.gotron.be/ldr">https://www.gotron.be/ldr</a>	1	\$ 0,30	€ 0,30
<a href="https://www.tinytronics.nl/">https://www.tinytronics.nl/</a>	Niet gevonden	1	\$ 0,15	€ 0,15
<a href="https://www.kiwi-electronics.nl">https://www.kiwi-electronics.nl</a>		1	\$ 10,95	€ 10,95
<a href="https://www.tinytronics.nl">https://www.tinytronics.nl</a>	<a href="http://www.gotron.be/ra470k-weerstanc">www.gotron.be/ra470k-weerstanc</a>	10	\$ 0,05	€ 0,50
		1	\$ 15,00	€ 15,00

<https://www.tinytronics.nl>

[www.gotron.be/rfid](http://www.gotron.be/rfid)

1

\$

4,50

€ 4,50

€ -

**€ 143,18**

Real Cost

