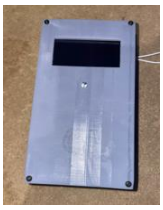
Class	1MCT2
First Name:	Mats
Name	Verbeke
Project Name :	Smart Bevarage Management
Assembly Revision :	
Approval Date :	
Part Count :	12
Total Cost :	€125



Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 4b	Raspberry Pi to control the entire system	1	1	//www.sossolutions.nl/raspberry-pi-4-model-	-0-hdmi-bt-wifi/9200000114910	1	€ 67,90	€ 67,90	
2	Raspberry PI T-cobbler	Breakout board for Raspberry Pi	1	1	https://www.adafruit.com/product/2028	op/product/adafruit-pi-t-cobbler-pl	1	€ 7,95	€ 7,95	
3	RFID RC522	Wireless Rfid module for Raspberry Pi	1	1	p_npi=4%40dis%21EUR%212.72%212.72%2	/product/rc522-rfid-reader-writer-n	1	€ 4,95	€ 4,95	
4	Active buzzer	Active alarm buzzer for Raspberry Pi	1	1	_npi=4%40dis%21EUR%211.36%211.36%21	w.hobbyelectronica.nl/product/bu	1	€ 1,36	€ 1,36	
5	Neopixel Led	Ws2812 Indication LED	1	1	npi=4%40dis%21EUR%213.84%210.46%21%2129.32%213.54%21%		1	€ 0,45	€ 0,45	
6	Power Supply	Raspberry Pi power supply	1	1	npi=4%40dis%21EUR%214.69%210.46%21	s.com/en/raspberry-pi-4-usb-c-po	1	€ 3,37	€ 3,37	
7	Barcode scanner	GM805-S UART Barcode scanner	1	1	004002956342.html?spm=a2g0o.order_list	ina-Grow-GM805-Series-DC5V	1	€ 11,66	€ 11,66	
8	OLED Display	2,4" OLED Display for Raspberry Pi	1	1	77.html?spm=a2g0o.order_list.order_list_ma	urce=1&gclid=CjwKCAjwmrqzI	1	€ 8,68	€ 8,68	
9	Push button	Button for Raspberry Pi	1	1	_npi=4%40dis%21EUR%212.64%212.64%3	493&hvpos=&hvnetw=g&hvran	1	€ 0,03	€ 0,03	
10	Magnet Sensor	MC-38 Magnetic switch	1	1	5946.html?spm=a2g0o.order_list.order_list_ma	ad_source=1&gclid=CjwKCAjw	1	€ 1,87	€ 1,87	
11	Micro SD card 16GB	SD Card for the Raspberry Pi	1	1	hc-v10-incl-sd-adapter-allteq/93000000339	vat.be/nl/kruidvat-16gb-micro-sc	1	€ 14,31	€ 14,31	
12	Jumper wires	Wires to connect all the sensors with the Raspberry Pi	1	1	_npi=4%40dis%21EUR%212.51%212.51%	hvpos=&hvnetw=g&hvrand=14	1	€ 2,51	€ 2,51	
	Total			**12**					**€ 125,04**	