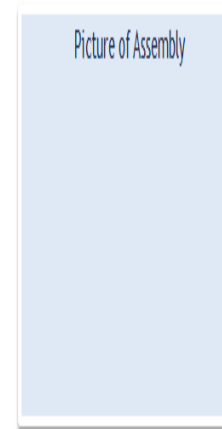


Class 1MCT3
 First Name: Jelle
 Name Meyhui
 Project Name : Smart car
 Assembly Revision : _____
 Approval Date : _____
 Part Count : 18
 Total Cost : €174



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

Part #	Part Name	Description	Revision	Qty	Supplier	o available fr	Units	Unit Cost	Max Cost	Real Cost
1	RspberryPI 4 model B	This is the central point of my project. This is where everything will run.	1	1	ssolutions.npberrypi.org/p		1	\$ 39,95	€ 39,95	
2	Jumper wires (Male to male)	This is to connect components.	1	1	ct/premium-La=ZW5jcnlv		40	\$ 4,45	€ 4,45	
3	LDR (Light Dependent Resistor)	This will determine how bright it is outside.	1	1	electronica.r/OrMf4aAv-MI		1	\$ 0,25	€ 0,25	
4	DS18B20 temperature sensor	This will display the temperature inside the car.	1	1	https://wwwelectronica.n		1	\$ 0,99	€ 0,99	
5	JSN-SR04T sensor (distance sensor)	This determines the distance between the sensor and objects.	1	4	onica.nl/product/AJ-SR04I		1	\$ 17,95	€ 71,80	

6	speed sensor	This to determine the speed of the car.	1	1	jsensor-lm:arehouse=CN	1	\$	2,19	€	2,19
7	piezo buzzer	This will make noise (the noise will depend on the distance of the distance sensors).	1	2	KCQiA7YyCduct/Grove-Pi	1	\$	1,49	€	2,98
8	leds (white / transparent)	Used for headlights.	1	2	72/leds/led_AKPKC84/re	1	\$	0,19	€	0,38
9	LCD - Display	This will have 3 states (1: IP address; 2: speed, temperature, brightness; 3: blank display)	1	2	iA7YyCBhD_ght/?gclid=CjC	1	\$	3,19	€	6,38
10	Arduino	This will work with the RPI. On this we can also read in the sensors.	1	1	bbyelectron01506085-92C	1	\$	23,95	€	23,95
11	Grove - LED String Light	This will be able to take on a particular color as the speed changes.	1	1	v.kiwi-electrove-led-string-ç	1	\$	16,50	€	16,50
12	Jumper wires (female to male)	This is to connect components.	1	1	ict/premiumRIZEFKSWQ9	40	\$	4,45	€	4,45
Total			18						€	174,27

