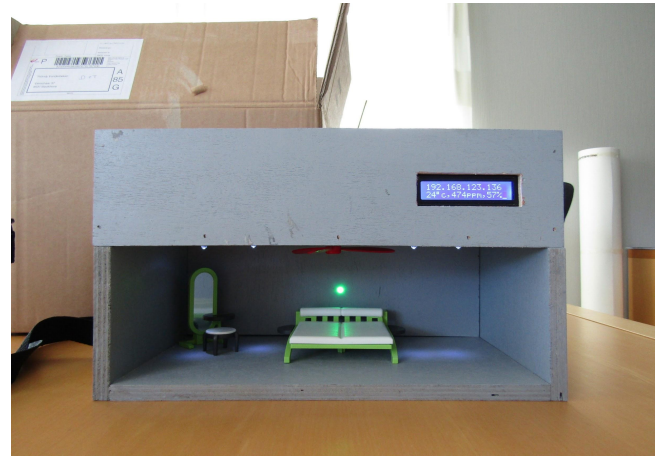


Class 1MCT1  
 First Name: Lars  
 Name Soens  
 Project Name : Smart Room  
 Assembly Revision :  
 Approval Date :  
 Part Count : 18  
 Total Cost : € 138.28



Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 2GB Ram	Hardware to control the sensors	1	1	Unikits	<a href="#">BhAyEiwAKQBCKkbF4_9qSf</a>	1	\$ 39,95	€ 39.95	€ 39.95
2	Raspberry Pi USB-C Adaptor	Power for the Pi	1	1	Unikits	<a href="#">jwKCAiAkJKCBhAyEiwAKQB</a>	1	\$ 10,95	€ 10.95	€ 10.95
3	Micro SD 16gb	Storage of the Pi	1	1	Unikits	<a href="#">c-1-geheugenkaart-klasse-10</a>	1	\$ 9,99	€ 9.99	€ 9.99
4	Breadboard Power Supply	Extra power source for the DC motor	1	1	Unikits	<a href="#">er=ADVNLGOO002013-G-11f</a>	1	\$ 6,99	€ 6.99	€ 6.99
5	Breadboard	Board to connect the sensors to the Pi	1	2	Unikits	<a href="#">VID=2812&amp;gclid=CjwKCAiAI</a>	1	\$ 5,24	€ 10.48	€ 10.48
6	DC Motor	Air cooling	1	1	Unikits	<a href="#">JKCBhAyEiwAKQBCKjhwHS-</a>	1	\$ 1,25	€ 1.25	€ 1.25
7	LDR Sensor	To measure the light intensity	1	1	Unikits	<a href="#">jvi8RALhoCS4lQAyD_BwE&amp;</a>	1	\$ 0,75	€ 0.75	€ 0.75
8	One Wire Temperature Sensor	To measure the temperature	1	1	Unikits	<a href="#">812&amp;gclid=CjwKCAiAkJKCBf</a>	1	\$ 2,95	€ 2.95	€ 2.95
9	MQ-135 Air Quality Sensor	To measure the air quality	1	1	Unikits	<a href="#">928976848-S-107669651201;928976848-S-107669651201</a>	1	\$ 6,24	€ 6.24	€ 6.24
10	White Led	Leds to light the room when its dark	1	4	Unikits	<a href="#">kJKCBhAyEiwAKQBCKn7rrY</a>	1	\$ 0,49	€ 1.96	€ 1.96
11	RGB Led	To show the quality of the air	1	1	Unikits	<a href="#">ID=2812&amp;gclid=CjwKCAiAkJl</a>	1	\$ 0,40	€ 0.40	€ 0.40
12	LCD-display	To show the values of the sensors	1	1	Unikits	<a href="#">AjwqvyFBhB7EiwAER786VPf</a>	1	\$ 5,20	€ 5.20	€ 5.20
13	AC/DC Convertor	The adaptor for the breadboard power supply	1	1	Unikits	<a href="#">=CjwKCAiAkJKCBhAyEiwAKC</a>	1	\$ 8,99	€ 3.19	€ 3.19
14	Female-Female Cables	Cables to connect the sensors on the breadboard	1	1	Unikits	<a href="#">-G-120928976848-S-107669</a>	1	\$ 8,99	€ 8.99	€ 8.99
15	Male-Female Cables	Cables to connect the sensors on the breadboard	1	1	Unikits	<a href="#">G-118359629187-S-1005228C</a>	1	\$ 8,99	€ 8.99	€ 8.99
16	Male-Male Cables	Cables to connect the sensors on the breadboard	1	1	Unikits	<a href="#">7C%7Cslid%7C%7Cprid%7C</a>	1	\$ 3,60	€ 3.60	€ 3.60
17	Resistors	Resistors to protect the hardware	1	1	Unikits	<a href="#">S-493031119416-920000009f</a>	1	\$ 13,93	€ 13.93	€ 13.93
18	MCP3008	Bus to read the analog signal of the sensors on the Pi	1	1	Unikits	<a href="#">FuWxoCkbbQAvD_BwE&amp;gclid</a>	1	\$ 2,47	€ 2.47	€ 2.47
<b>Total</b>				<b>18</b>					<b>€ 138.28</b>	<b>€ 138.28</b>