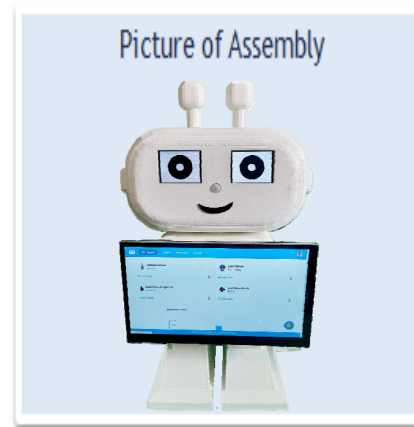


CLASS: 1MCT3
NAME: Deneire
FIRSTNAME: Tibo
Assembly Name : Smart Desktop Assistant
Assembly Revision : _____
Approval Date : _____
Part Count : 18
Total Cost : €580



Part #	Part Name	Description	Revisio	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 4 model B 4GRAM	Raspberry Pi to control the entire system	1	1	Amazon	KIWI electronics	1	€ 107,00	€ 107,00	
2	ESP32	read and send data to raspberry	1	1	Amazon	ALENXNLD	1	€ 9,59	€ 9,59	
3	1,77 inch TFT SPI display 128 x 160 pixels ST7735	display data	1	3	Amazon	bol.com	3	€ 9,29	€ 27,87	
4	BME280	measure Barometric Temperature Humidity Atmospheric	1	1	Amazon	ALENXNLD	1	€ 15,99	€ 15,99	
5	MH-SR602 PIR Sensor	Detect movement	1	1	Amazon	SINONING	1	€ 7,53	€ 7,53	

6	MQ-135 gas/air quality sensor	measure air quality	1	1	Amazon	ALENXNLD	1	€	5,99	€	5,99
7	Printng the robot	3D print the robot	1	1			1	€	223,50	€	223,50
8	Raspberry Pi 7 inch touchscreen	display the website	1	1	Amazon	PHIPPS Electronics	1	€	75,63	€	75,63
9	Speaker	make some sound if there is something wrong	1	1	Amazon	STOREMAX	1	€	10,60	€	10,60
10	Drukknop	input user	1	1	Amazon	123 3D.nl	1	€	4,95	€	4,95
11	3D Printing the bell	bell	1	1			1	€	20,00	€	20,00
12	Microphone	to record the voice	1	1	Amazon	Target	1	€	17,50	€	17,50
13	Power Suply	to power the robot	1	1	Amazon	allekabels.be		€	16,90	€	16,90
14	breadboards	to connect the wires	1	1	Amazon		1	€	6,60	€	6,60
15	USB C extenttion	to power the robot	1	1	Amazon			€	9,90	€	9,90

16	Screw terminal RPI	to connect the wires	1	1	Amazon	1	€ 19,99	€ 19,99
	Total			18				€ 579,54

