

Class 1CTAI  
 First Name: Mehmet  
 Name Onal  
 Project Name : **AUTOMATIC CAT FEEDER**  
 Assembly Revision : \_\_\_\_\_  
 Approval Date : \_\_\_\_\_  
 Part Count : 10  
 Total Cost : €157

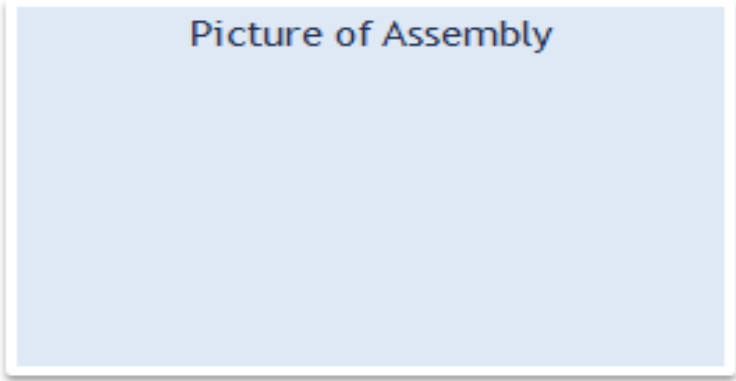
Part #	Part Name	Description	Revision	Qty
1	Raspberry Pi 4 model B	Raspberry Pi to control the entire system	1	1
2	Sandisk Ultra 16GB Micro SD Card	High-performance memory card for storing cat feeder data.	1	1
3	Female to Female breadboard wires	Connect components on a breadboard for prototyping.	1	1
4	Servo Motor	Controls movement in the cat feeder mechanism	1	1
5	Electrical Tape	Insulates and secures electrical connections.	1	1
6	Dispenser	Releases food at scheduled times.	1	1
7	Cardboard	Used for constructing the cat feeder body.	1	1
8	Maket Knife	Cuts and shapes cardboard for a precise fit.	1	1
9	Motion Sensor	Detects the presence of a cat and triggers feeding.	1	1
10	Camera Video Module	Monitors the feeding process for safety and accuracy.	1	1



**Total**

**10**

2



(picture can only be added with END delivery of pro

Supplier	also available from	Units	Unit Cost
<a href="#">tml?gad_source=1&amp;gclid=Cj0KCQjw-r-vBh</a>	<a href="#">hvpos=&amp;hvnetw=g&amp;hvrnd=15127</a>	1	€ 83.95
<a href="#">d=632995556305&amp;hvpos=&amp;hvnetw=g&amp;hvra200000059308342&amp;gad_sourc</a>		1	€ 8.51
<a href="#">929063404&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=2</a>	<a href="#">GgUO2Ag0RvsFX-2mLHVfrFxSol</a>	1	€ 4.99
<a href="#">jGt9x9XlcTI8lhjOMm_goke74idO1XuFo9CR9zcGgUO2AxyOPQQxtkyyD1v0YpflAk</a>		1	€ 2.66
<a href="#">IsAGgUO2DDW9sleSBpXWxM-iuF4Dlo8tVQzv</a>	<a href="#">pos=&amp;hvnetw=g&amp;hvrnd=1745</a>	1	€ 2.39
<a href="#">H4Vr-111J8xcNg67LizkUBZZyMXeOF4tpqYh8i:IsAGgUO2B8kkdJ_an90USkyYJS</a>		1	€ 19.00
<a href="#">5007032&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=531</a>	<a href="#">ARIsAGgUO2CFYrtFCalziZLc252d</a>	1	€ 13.64
<a href="#">72793&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=38082</a>	<a href="#">GgUO2BgaZp6-molpBWxTXvR42</a>	1	€ 3.00
<a href="#">5694299&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=4934</a>	<a href="#">gUO2AcpP1pqS5cG44hGjHPBbR</a>	1	€ 4.29
<a href="#">72689&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=13522</a>	<a href="#">O2BTCU7v2dRyfGI7Ef14h9mjKxF</a>	1	€ 14.56



object!)

Max Cost	Real Cost
€ 83.95	
€ 8.51	
€ 4.99	
€ 2.66	
€ 2.39	
€ 19.00	
€ 13.64	
€ 3.00	
€ 4.29	
€ 14.56	

€ -

€ 156.99



# Bill of Materials for LEGO® Design

EXAMPLE on how to list parts of your project

Assembly Name :	Mini X-Wing™
Assembly Number :	Custom
Assembly Revision :	
Approval Date :	
Pieces :	46
Total Cost :	\$5.85



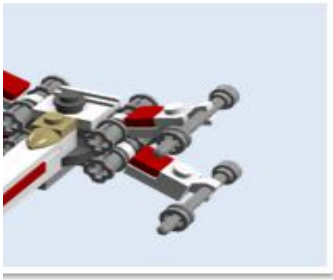
Category	Part #	Elem ID	Part Name	Color	Qty	Supplier
Bricks, Sloping	50746	4504369	ROOF TILE 1X1X2/3, ABS	1 - White	1	nephew
Plates	3024	302401	PLATE 1X1	1 - White	1	nephew
Plates	3023	302301	PLATE 1X2	1 - White	2	nephew
Plates	3023	4211398	PLATE 1X2	194 - Medium Stone Grey	1	nephew
Plates	3794	379401	PLATE 1X2 W. 1 KNOB	1 - White	1	nephew
Plates	3623	362301	PLATE 1X3	1 - White	1	nephew
Plates	3623	362321	PLATE 1X3	21 - Bright Red	1	nephew
Plates	94148	302201	PLATE 2X2	1 - White	1	nephew
Plates, Special	6141	4210633	PLATE 1X1 ROUND	199 - Dark Stone Grey	1	nephew
Plates, Special	3070	307021	FLAT TILE 1X1	21 - Bright Red	4	nephew



Plates, Special	2412	241201	RADIATOR GRILLE 1X2	1 - White	1	nephew
Plates, Special	6019	4538353	PLATE 1X1 W/HOLDER VERTICAL	1 - White	4	nephew
Plates, Special	2431	4558168	FLAT TILE 1X4	1 - White	1	nephew
Plates, Special	63868	4535737	PLATE 2X1 W/HOLDER,VERTICAL	1 - White	4	nephew
Plates, Special	2540	4211632	PLATE 1X2 W. STICK	194 - Medium Stone Grey	4	nephew
Plates, Special	3176	4225733	COUPLING PLATE 2X2	199 - Dark Stone Grey	1	nephew
Bricks, Special	49668	4224793	PLATE 1X1 W/TOOTH	5 - Brick Yellow	1	nephew
Technic	32123	4211573	1/2 BUSH	194 - Medium Stone Grey	4	nephew
Technic	6590	4211622	BUSH FOR CROSS AXLE	194 - Medium Stone Grey	8	nephew
Accessories	3957	4211473	STICK/AERIAL	194 - Medium Stone Grey	4	nephew

**Total**

**46**



Alternative available from	Action?	Units	Picture	Unit Cost	max Cost	Real Cost
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.20	\$ 0.20
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.15	\$ 0.15	\$ 0.15
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:		each		\$ 0.10	\$ 0.40	\$ 0.40

4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.15	\$ 0.60	\$ 0.60
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.20	\$ 0.20	\$ 0.20
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.15	\$ 0.60	\$ 0.60
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.15	\$ 0.60	\$ 0.60
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.20	\$ 0.20	\$ 0.20
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.10	\$ 0.40	\$ 0.40
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.15	\$ 1.20	\$ 1.20
4500069: Plate 1X2 W. 1 Knob   Brickset:	each		\$ 0.10	\$ 0.40	\$ 0.40
				<b>\$ 5.85</b>	<b>\$ 5.85</b>