

Item	Unit Price	Quantity	Total Price
Arduino Uno	\$30.00	1	\$30.00
6ft USB 2.0 A Male to B Male	\$1.34	1	\$1.34
9V DC Arduino power	\$6.95	1	\$6.95
900 mm lead screw	\$45.00	1	\$45.00
Acetal resin for follow nut and linear bearings 1"x12"	\$17.10	1	\$17.10
Plastic sheet 24"x36"	\$21.56	4	\$86.24
12mm ground linear bearing rod 1500mm	\$46.85	2	\$93.70
M3 socket head cap screws	\$12.00	1	\$12.00
M3 nuts	\$12.00	1	\$12.00
Gaffers tape	\$13.00	1	\$13.00
Aluminum plate for chassis and build table	\$148.00	1	\$148.00
Epoxy	\$13.00	1	\$13.00
Plastic sheet for vat 48"x48"	\$34.00	1	\$34.00
500 mL SubG resin	\$22.00	1	\$22.00
500 ml SubG+ resin	\$25.00	1	\$25.00
NEMA 17 Unipolar Step Motor	\$15.34	1	\$15.34
Motor Shield Kit for Arduino v2	\$19.95	1	\$19.95
4 wire 22 gauge power cable 10'	\$7.87	1	\$7.87
Z travel limit kill switches	\$1.11	2	\$2.22
3 wire 20 gauge power cable 10'	\$5.83	1	\$5.83
ViewSonic PJD5134 SVGA DLP Projector	\$329.99	1	\$329.99
3' HDMI Cable	\$2.57	2	\$5.14
TRENDnet USB 2.0 to RS-232 DB9 Serial Converter	\$10.90	2	\$21.80

Total Amount \$967.47

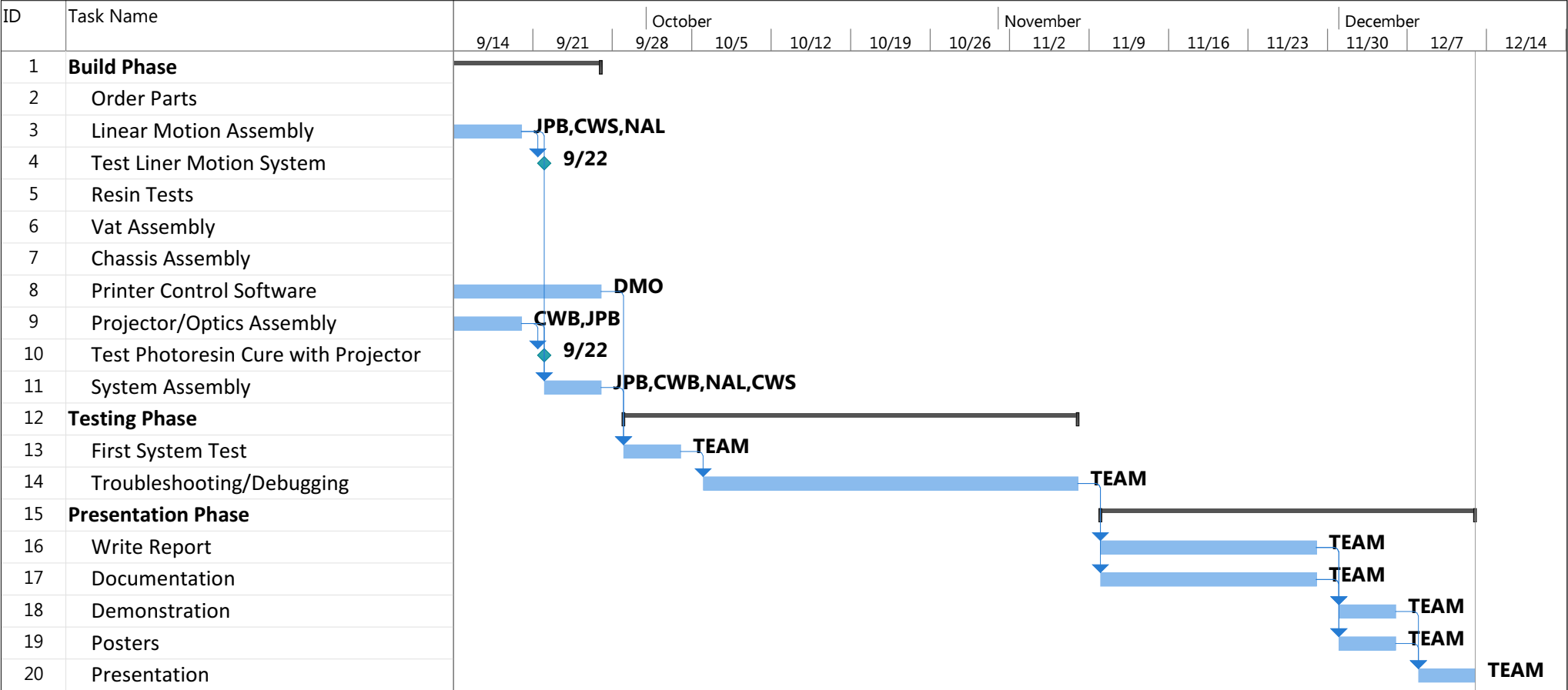
Link
http://www.newegg.com/Product/Product.aspx?Item=N82E16820145246
http://www.monoprice.com/Product?c_id=103&cp_id=10303&cs_id=1030301&p_id=5438&seq=1&format=2
http://www.adafruit.com/products/63?gclid=CPmMt6LX570CFckWMgodHEIAug
http://www.amazonsupply.com/nook-right-thread-start-trapezoidal/dp/B0052FS3MU/ref=sr_1_1?sr=1-1&qid=1396019784&filterBy.item_length_string-bin=900
http://www.mcmaster.com/#8579k28/=rahhr
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http://makerjuice.com/product/subg/
http://makerjuice.com/product/subgplus/
http://www.robotshop.com/en/rbsoy03-soyo-unipolar-stepper-motor.html?__SID=U
http://www.robotshop.com/en/motor-shield-kit-arduino-v2.html
http://www.mcmaster.com/
http://www.digikey.com/product-detail/en/SS-3GL13PT/SW768-ND/664729
http://www.mcmaster.com/
http://www.amazon.com/ViewSonic-PJD5134-Projector-Lumens-Blu-Ray/dp/B00A9S3OOC/ref=sr_1_5?ie=UTF8&qid=1395978933&sr=8-5&keywords=busin
http://www.monoprice.com/Product?c_id=102&cp_id=10240&cs_id=1024008&p_id=3871&seq=1&format=2
http://www.amazon.com/TRENDnet-RS-232-Serial-Converter-TU-S9/dp/B0007T27H8/ref=pd_cp_pc_1

Subsystem	Department Acquisition (Y/N)	Notes
Computing	Y	
Computing	Y	
Computing	N	
Chassis	Y	
Chassis	Y	
Chassis	N	
Chassis	Y	
Chassis	N	
Chassis	N	
Chassis	N	
Chassis	Y	
Vat	N	
Vat	N	
Resin	N	
Resin	N	
Motor/Motor Control	N	
Motor/Motor Control	N	
Motor/Motor Control	N	
Motor/Motor Control	N	
Motor/Motor Control	N	
Imaging	N	
Imaging	N	
Imaging	N	

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	<div> <div>8/17</div> <div>8/24</div> <div>September 8/31</div> <div>9/7</div> <div>9/14</div> </div>				
1	Build Phase	30 days	Mon 8/18/14	Fri 9/26/14							
2	Order Parts	5 days	Mon 8/18/14	Fri 8/22/14		CWS,NAL					
3	Linear Motion Assembly	20 days	Mon 8/25/14	Fri 9/19/14	2	JPB,CWS,NAL					
4	Test Liner Motion System	0 days	Mon 9/22/14	Mon 9/22/14	3	JPB,CWS,NAL					
5	Resin Tests	5 days	Mon 8/18/14	Fri 8/22/14		CWB					
6	Vat Assembly	10 days	Mon 8/25/14	Fri 9/5/14	5	CWB					
7	Chassis Assembly	15 days	Mon 8/18/14	Fri 9/5/14		JPB					
8	Printer Control Software	30 days	Mon 8/18/14	Fri 9/26/14		DMO					
9	Projector/Optics Assembly	10 days	Mon 9/8/14	Fri 9/19/14	7,6	CWB,JPB					
10	Test Photoresin Cure with Projector	0 days	Mon 9/22/14	Mon 9/22/14	9						
11	System Assembly	5 days	Mon 9/22/14	Fri 9/26/14	9,3	JPB,CWB,NAL,CWS					
12	Testing Phase	30 days	Mon 9/29/14	Fri 11/7/14							
13	First System Test	5 days	Mon 9/29/14	Fri 10/3/14	11,8	TEAM					
14	Troubleshooting/Debugging	25 days	Mon 10/6/14	Fri 11/7/14	13	TEAM					
15	Presentation Phase	25 days	Mon 11/10/14	Fri 12/12/14							
16	Write Report	15 days	Mon 11/10/14	Fri 11/28/14	14	TEAM					
17	Documentation	15 days	Mon 11/10/14	Fri 11/28/14	14	TEAM					
18	Demonstration	5 days	Mon 12/1/14	Fri 12/5/14	17,16	TEAM					
19	Posters	5 days	Mon 12/1/14	Fri 12/5/14	17,16	TEAM					
20	Presentation	5 days	Mon 12/8/14	Fri 12/12/14	18,19	TEAM					

Project: Timeline
Date: Fri 4/18/14

Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			



Project: Timeline Date: Fri 4/18/14	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Progress	
	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only			