







































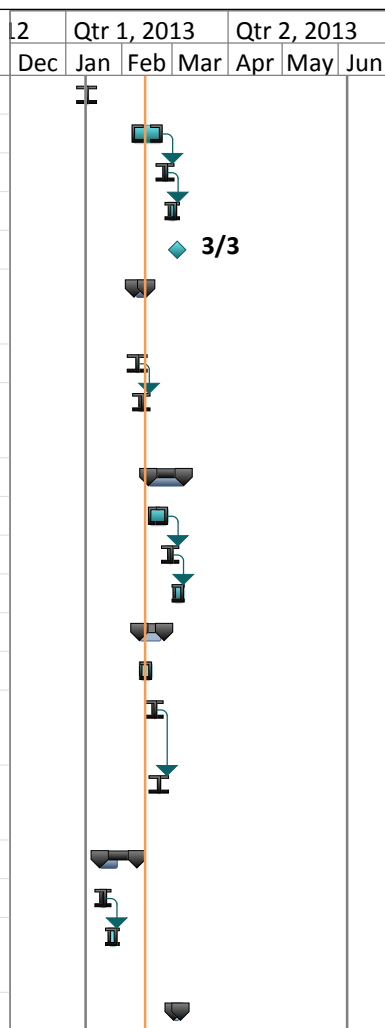









































































ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	L2	Qtr 1, 2013			Qtr 2, 2013			
										Dec	Jan	Feb	Mar	Apr	May	Jun
1			Complete Gantt Chart	2 days	Sat 1/12/13	Sun 1/13/13										
2			Solid Works Design	16.75 days	Thu 2/7/13	Sat 2/23/13										
3			Woodworking	3 days	Sun 2/24/13	Tue 2/26/13	2									
4			Case Assembly	5 days	Wed 2/27/13	Sun 3/3/13	3									
5			Case Prototype Done	0 days	Sun 3/3/13	Sun 3/3/13										
6			Hydroponic System Integration	7 days	Fri 2/8/13	Thu 2/14/13										
7			Reservior Integration	2 days	Sat 2/9/13	Sun 2/10/13										
8			Water Table Integration	3 days	Sun 2/10/13	Wed 2/13/13	7									
9			pH Sensor	19.75 days	Sat 2/16/13	Thu 3/7/13										
10			pH Sensor Design	10.75 days	Sat 2/16/13	Tue 2/26/13										
11			PH Sensor Prototype	3 days	Tue 2/26/13	Fri 3/1/13	10									
12			pH Sensor Integration	6 days	Fri 3/1/13	Thu 3/7/13	11									
13			Laser System	14 days	Mon 2/11/13	Sun 2/24/13										
14			Laser System Design	7 days	Mon 2/11/13	Sun 2/17/13										
15			Laser System Prototype	3 days	Mon 2/18/13	Wed 2/20/13										
16			Laser System Integration	2 days	Thu 2/21/13	Fri 2/22/13	15									
17			Microcontroller	20.75 days	Sun 1/20/13	Sat 2/9/13										
18			Decide uC	4 days	Sun 1/20/13	Wed 1/23/13										
19			Microcontroller Procurement	5 days	Thu 1/24/13	Tue 1/29/13	18									
20			Temperature / Humidity	4 days	Sat 3/2/13	Tue 3/5/13										












































Project: SDP Gantt Chart Date: Thu 2/14/13	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Deadline	
	External Tasks		Duration-only		Progress	











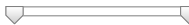






ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	L2	Qtr 1, 2013				Qtr 2, 2013		
										Dec	Jan	Feb	Mar	Apr	May	Jun
21			Temperature Sensor Prototype	1 day	Sat 3/2/13	Sat 3/2/13										
22			Humidity Control Integration	2 days	Sun 3/3/13	Mon 3/4/13										
23			Humidity Control Prototype	1 day?	Sat 3/2/13	Sat 3/2/13										
24			Temperature Sensor Integration	2 days	Sun 3/3/13	Mon 3/4/13										
25			Nutrient Sensing	6 days	Fri 3/8/13	Wed 3/13/13										
26			TDS Sensor Prototype	2 days	Fri 3/8/13	Sat 3/9/13										
27			TDS Sensor Integration	2.25 days	Sat 3/9/13	Sun 3/10/13										
28			All Sensors Integrated	0 days	Sun 3/10/13	Sun 3/10/13							 3/10			
29			Pumps & Irrigation	8 days	Thu 2/21/13	Thu 2/28/13										
30			Air Pump Integration	1 day	Fri 2/22/13	Sat 2/23/13										
31			Water Pump Impementation	2 days	Thu 2/21/13	Fri 2/22/13										
32			Irrigation System Implementation	3 days	Fri 2/22/13	Mon 2/25/13										
33			Water Filter Integration	2 days	Thu 2/21/13	Fri 2/22/13										
34			Lighting	14 days	Tue 3/5/13	Mon 3/18/13										
35			Ballast Design	7 days	Tue 3/5/13	Mon 3/11/13										
36			Ballast Integration	3 days	Thu 3/14/13	Sat 3/16/13										
37			Lighting Control Design	3 days	Fri 3/8/13	Sun 3/10/13										

Project: SDP Gantt Chart
Date: Thu 2/14/13

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

ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	L2	Qtr 1, 2013				Qtr 2, 2013		
										Dec	Jan	Feb	Mar	Apr	May	Jun
38			Lighting Control Integration	4 days	Thu 3/14/13	Sun 3/17/13										
39			Fans & Exhaust	5 days	Fri 3/15/13	Tue 3/19/13										
40			Fan Integration	3 days	Fri 3/15/13	Sun 3/17/13										
41			Air Filter Integration	2 days	Fri 3/15/13	Sat 3/16/13										
42			Printed Circuit Board	15 days	Sat 3/23/13	Sat 4/6/13										
43			PCB Layout	9 days	Sat 3/23/13	Sun 3/31/13										
44			PCB Acquisition	3 days	Mon 4/1/13	Wed 4/3/13										
45			PCB Integration	3 days	Thu 4/4/13	Sat 4/6/13										
46			Web Interface	30 days	Sun 4/7/13	Mon 5/6/13										
47			Web Control Design	5 days	Sun 4/7/13	Thu 4/11/13										
48			Website Construction	16 days	Fri 4/12/13	Sat 4/27/13										
49			Website Integration	9 days	Sat 4/27/13	Sun 5/5/13										
50			Physical Prototype Done	0 days	Sun 3/17/13	Sun 3/17/13							 3/17			
51			Raspberry Pi Integration	12.13 days	Mon 3/25/13	Fri 4/5/13										
52			Web Cam Design	4 days	Sun 4/7/13	Wed 4/10/13										
53			Web Cam Integration	2 days	Sat 4/13/13	Sun 4/14/13	52									
54			Freeze Physical Design	0 days	Sat 3/30/13	Sat 3/30/13							 3/30			
55			Freeze Software Design	0 days	Sun 4/21/13	Sun 4/21/13							 4/21			
56			Integration and Testing	21 days	Thu 5/16/13	Wed 6/5/13										
57																
58																

Project: SDP Gantt Chart
Date: Thu 2/14/13

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