ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
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		Reservoir 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**		
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		
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		
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		
51		Rasperry 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		
55		Freeze Software Design	0 days	Sun 4/21/13	Sun 4/21/13		
56		Integration and Testing	21 days	Thu 5/16/13	Wed 6/5/13		
57							
58							

Legend:
Task — Milestone ◆ — Project Summary — External Milestone ◇ — Inactive Milestone ◇ — Manual Task — Manual Summary Rollup — Start-only ⊏ — Deadline ⇓
Split .... — Summary — External Tasks — Inactive Task — Inactive Summary — Manual Summary — Finish-only ⊐ — Progress