









ID	Task Name	Duration	Start	Finish	Predecessors
1	Design Proposal	42 days	Mon 10/13/08	Tue 12/9/08	
2	RX Antenna Predesign & Test	42 days	Mon 10/13/08	Tue 12/9/08	
3	<b>Communication System</b>	<b>270 days</b>	<b>Wed 12/3/08</b>	<b>Tue 12/15/09</b>	
4	Requirement Gathering	30 days	Wed 12/3/08	Tue 1/13/09	
5	<b>Satellite-to-Satellite Links</b>	<b>240 days</b>	<b>Wed 1/14/09</b>	<b>Tue 12/15/09</b>	
6	Design & Simulate	90 days	Wed 1/14/09	Tue 5/19/09	4
7	Build Prototype & Test	60 days	Wed 5/20/09	Tue 8/11/09	6
8	Revise & Test	90 days	Wed 8/12/09	Tue 12/15/09	7
9	<b>Satellite-to-Earth Link</b>	<b>240 days</b>	<b>Wed 1/14/09</b>	<b>Tue 12/15/09</b>	
10	Design & Simulate	90 days	Wed 1/14/09	Tue 5/19/09	4
11	Build Prototype & Test	60 days	Wed 5/20/09	Tue 8/11/09	10
12	Revise & Test	90 days	Wed 8/12/09	Tue 12/15/09	11
13	<b>Location System</b>	<b>240 days</b>	<b>Wed 12/3/08</b>	<b>Tue 11/3/09</b>	
14	Requirement Gathering	30 days	Wed 12/3/08	Tue 1/13/09	
15	Software Design	90 days	Wed 1/14/09	Tue 5/19/09	14
16	Software Coding	60 days	Wed 5/20/09	Tue 8/11/09	15
17	Testing & Debug	60 days	Wed 8/12/09	Tue 11/3/09	16
18	Communication System & Location System Integration	210 days	Wed 12/3/08	Tue 9/22/09	
19	<b>Satellite</b>	<b>165 days</b>	<b>Wed 9/23/09</b>	<b>Tue 5/11/10</b>	
20	Requirement Gathering	45 days	Wed 9/23/09	Tue 11/24/09	18
21	Satellite Design	120 days	Wed 11/25/09	Tue 5/11/10	20
22	Power System Design	120 days	Wed 11/25/09	Tue 5/11/10	20
23	<b>Orbital Mechanics</b>	<b>120 days</b>	<b>Wed 11/17/10</b>	<b>Tue 5/3/11</b>	
24	Satellite Orbit Design & Simulate	60 days	Wed 11/17/10	Tue 2/8/11	
25	Revise & Simulate	60 days	Wed 2/9/11	Tue 5/3/11	24
26	Path to Mars Design	120 days	Wed 11/17/10	Tue 5/3/11	
27	<b>Propulsion System</b>	<b>90 days</b>	<b>Wed 11/17/10</b>	<b>Tue 3/22/11</b>	
28	Requirement Gathering	30 days	Wed 11/17/10	Tue 12/28/10	
29	Launcher Selection	60 days	Wed 12/29/10	Tue 3/22/11	28
30	<b>MPS Implementation</b>	<b>330 days</b>	<b>Wed 5/4/11</b>	<b>Tue 8/7/12</b>	<b>19,23,27</b>
31	MPS Satellite Launch	300 days	Wed 5/4/11	Tue 6/26/12	
32	System Setup and Test	30 days	Wed 6/27/12	Tue 8/7/12	31

Project: Project1.mpp Date: Mon 12/8/08	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	