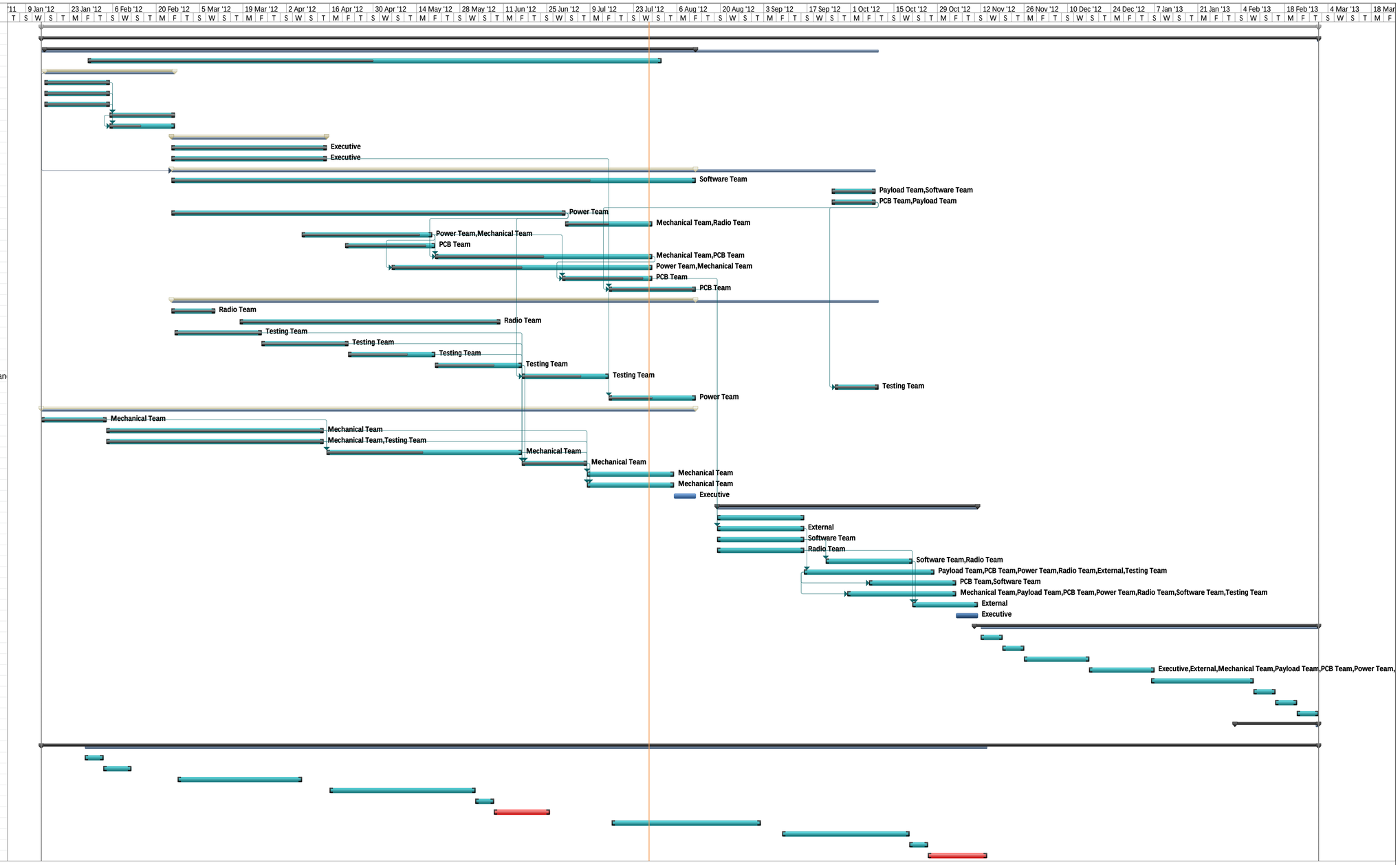
ID	Task Name	Product Point
0	**BLUEsatProjectPlan**	
1	**1 Documentation**	
3	**2 Design, Testing and Analysis**	
4	2.1 Amateur Radio Licensing - Preparation and Testing	
5	**2.2 Integration Rig (Flatsat)**	
6	2.2.1 Driver Development	B4
7	2.2.2 BCR Prototype creation and testing	B1.1.2
8	2.2.3 Bus board routing	B
9	2.2.4 Rig Construction	B
10	2.2.5 Communications Testing	B3
11	**2.3 Feasbility Investigation**	
12	2.3.1 Standalone Camera evaluation	4
13	2.3.2 Namuru Evaluation	5
14	**2.4 Design Finalisation**	
15	2.4.1 Software Application Level Dvelopment	B4
16	2.4.2 Beaglebone L4 software development	3.2
17	2.4.3 Beagle Bone design integration	3.1
18	2.4.4 Battery Charge design finalisation	B.1.1.2
19	2.4.5 Antennae Foothold, Mounting and Material	B.5.2.4
20	2.4.6 Solar Panel Routing and Mounting	B.5.2.2
21	2.4.7 Telemetry sensor mounting and distribution	B.5.1.1
22	2.4.8 Tray 2 PCB Layout and Routing	B
23	2.4.9 Battery Mount Design	B5.1.2
24	2.4.10 Wiring Harness	B
25	2.4.11 Tray 4 PCB Layout and Routing	B
26	**2.5 Testing, Simulation and Evaluation - Electrical**	
27	2.5.1 Bent Pipe RF testing	2
28	2.5.2 Telecommand Testing	B4
29	2.5.3 Regulator and LDO characterisation	B.1.2.1
30	2.5.4 Communicaitions power characterisation	B.1.2.1
31	2.5.5 Telemetry testing and power characterisation	B.1.2.1
32	2.5.6 CSC power characterisation	B.1.2.1
33	2.5.7 Battery testing and charecterisation	B.1.2.2 an
34	2.5.8 Beagle Bone power charecterisation	B.1.2.1
35	2.5.9 Solar BCR integration testing	B.1.1
36	**2.6 Simulation - Mechanical**	
37	2.6.1 Structural and Thermal model creation	B5
38	2.6.2 Structural stress research and Investigation	B5.2
39	2.6.3 Thermal Environmental research	B5.1
40	2.6.4 Thermal Model Touch up	B5
41	2.6.5 Component thermal research	B5.1
42	2.6.6 Final structural simulation	B5.2
43	2.6.7 Final thermal simulation	B5.1
44	2.6.8 Critical Design Review	
45	**3 Production and Final Functional Testing**	
46	3.1 Sourcing and Ordering of Components	
47	3.2 PCB Manufacture	
48	3.3 Critical Systems Software Testing	
49	3.4 Communications Testing (Hardware Level)	
50	3.5 Communications Testing (Software Level)	
51	3.6 PCB Population	
52	3.7 Telemetry testing and calibration	
53	3.8 Satellite Assembly	
54	3.9 Generation of Final Function Test Specifications	
55	3.10 Test Readiness Review	
56	**4 Qualification testing**	
57	4.1 Initial Functional Test	
58	4.2 Thermal Cycling Test	
59	4.3 Thermal Vacuum Testing Pt 1	
60	4.4 Christmas	
61	4.5 Thermal Vacuum Testing Pt 2	
62	4.6 Mechanical Testing	
63	4.7 EMC and ESD testing	
64	4.8 Final Functional Test	
65	**5 Delivery and Launch**	
67		
68	**6 Uni Timetable**	
69	6.1 Summer Semester Stuvac	
70	6.2 Summer Semester Exams	
71	6.3 Semester 1 First Half	
72	6.4 Semester 1 Second Half	
73	6.5 Semester 1 Stuvac	
74	6.6 Semester 1 Exams	
75	6.7 Semester 2 First Half	
76	6.8 Semester 2 Second Half	
77	6.9 Semester 2 Stuvac	
78	6.10 Semester 2 Exams	



Project: BLUEsatProjectPlan
Date: Sat 28/07/12

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

Mar '13 | 1 Apr '13 | 15 Apr '13 | 29 Apr '13 | 13 May '13 | 27 May '13 | 10 Jun '13 | 24 Jun '13 | 8 Jul '13 | 22 Jul '13 | 5 Aug '13 | 19 Aug '13 | 2 Sep '13 | 16 Sep '13 | 30 Sep '13 | 14 Oct '13 | 28 Oct '13 | 11 Nov '13 | 25 Nov '13 | 9 Dec '13 | 23 Dec '13 | 6 Jan '14 | 20 Jan '14 | 3 Feb '14 | 17 Feb '14 | 3 Mar '14 | 17 Mar '14 | 31 Mar '14 | 14 Apr '14 | 28 Apr '14 | 12 May '14 | 26 May '14 | 9 Jun '14 | 23 Jun '14 | 7 Jul '14 | 21 Jul '14 | 4 Aug '14 | 18 Aug '14 | 1 Sep '14 | 15 Sep '14

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