	Task Name	Duration	Predecessors	Successors	Early Start	Early Finish	Late Start	Late Finish	Start Slack
1	**CCPS Project**	**554.85 days**			**Wed 3/12/14**	**Tue 4/26/16**	**Wed 3/12/14**	**Tue 4/26/16**	**0 days**
2	**Plan the project**	**70.37 days**			**Wed 3/12/14**	**Wed 6/18/14**	**Wed 3/12/14**	**Tue 4/26/16**	**0 days**
3	Discuss with second team member	7.17 days		5,10,12,13,14,15,18,23	Wed 3/12/14	Fri 3/21/14	Wed 3/12/14	Fri 3/21/14	0 days
4	**Develop project plan**	**55 days**			**Fri 3/21/14**	**Fri 6/6/14**	**Fri 3/21/14**	**Tue 4/26/16**	**0 days**
5	Develop tasks	4 days	3	6	Fri 3/21/14	Thu 3/27/14	Thu 5/22/14	Wed 5/28/14	44.59 days
6	Determine feasibility	2.08 days	5	7	Thu 3/27/14	Mon 3/31/14	Wed 5/28/14	Fri 5/30/14	44.59 days
7	Assign tasks	1.75 days	6	8	Mon 3/31/14	Tue 4/1/14	Fri 5/30/14	Tue 6/3/14	44.59 days
8	Estimate task durations	2.58 days	7	34	Wed 4/2/14	Fri 4/4/14	Tue 6/3/14	Fri 6/6/14	44.59 days
9	**Draft**	**55 days**			**Fri 3/21/14**	**Fri 6/6/14**	**Fri 3/21/14**	**Tue 4/26/16**	**0 days**
10	Introduction	8 days	3	11	Fri 3/21/14	Wed 4/2/14	Fri 4/18/14	Wed 4/30/14	20 days
11	Executive Summary	9 days	10	20	Wed 4/2/14	Tue 4/15/14	Wed 4/30/14	Tue 5/13/14	20 days
12	Architecture Summary	9 days	3	16	Fri 3/21/14	Thu 4/3/14	Fri 3/21/14	Thu 4/3/14	0 days
13	Features and Deliverables	10 days	3	17	Fri 3/21/14	Fri 4/4/14	Tue 3/15/16	Tue 3/29/16	517.68 days
14	Management and Organization Plan	10.2 days	3	19	Fri 3/21/14	Fri 4/4/14	Fri 4/25/14	Mon 5/12/14	25.8 days
15	Master Schedule	9 days	3	21	Fri 3/21/14	Thu 4/3/14	Thu 3/31/16	Wed 4/13/16	529.3 days
16	Documentation Plan	10 days	12	22	Thu 4/3/14	Thu 4/17/14	Thu 4/3/14	Thu 4/17/14	0 days
17	Hardware Plan	11 days	13	24	Fri 4/4/14	Mon 4/21/14	Tue 3/29/16	Wed 4/13/16	517.68 days
18	Product Definition Plan	9.22 days	3	32	Fri 3/21/14	Thu 4/3/14	Tue 4/29/14	Tue 5/13/14	27.78 days
19	Software Plan	10 days	14	27	Fri 4/4/14	Fri 4/18/14	Mon 5/12/14	Mon 5/26/14	25.8 days
20	Budget and Resources Plan	9 days	11	26	Tue 4/15/14	Mon 4/28/14	Tue 5/13/14	Mon 5/26/14	20 days
21	Test Plan	9.38 days	15		Thu 4/3/14	Wed 4/16/14	Wed 4/13/16	Tue 4/26/16	529.3 days
22	Quality Plan	9 days	16	25	Thu 4/17/14	Wed 4/30/14	Thu 4/17/14	Wed 4/30/14	0 days
23	Models Plan	9.5 days	3	28	Fri 3/21/14	Thu 4/3/14	Tue 4/29/14	Tue 5/13/14	27.5 days
24	Design Transfer	9 days	17		Mon 4/21/14	Fri 5/2/14	Wed 4/13/16	Tue 4/26/16	517.68 days
25	Qualification Plan	9 days	22	30	Wed 4/30/14	Tue 5/13/14	Wed 4/30/14	Tue 5/13/14	0 days
26	Manufacturing Plan	9 days	20	34	Mon 4/28/14	Fri 5/9/14	Mon 5/26/14	Fri 6/6/14	20 days
27	Deployment Plan	9 days	19	34	Fri 4/18/14	Thu 5/1/14	Mon 5/26/14	Fri 6/6/14	25.8 days
28	Maintenance Plan	9 days	23	29	Thu 4/3/14	Wed 4/16/14	Tue 5/13/14	Mon 5/26/14	27.5 days
29	Risk Management Plan	9 days	28	34	Wed 4/16/14	Tue 4/29/14	Mon 5/26/14	Fri 6/6/14	27.5 days
30	Configuration Management Plan	9 days	25	31	Tue 5/13/14	Mon 5/26/14	Tue 5/13/14	Mon 5/26/14	0 days
31	Staff Training Plan	9 days	30	34	Mon 5/26/14	Fri 6/6/14	Mon 5/26/14	Fri 6/6/14	0 days
32	Facilities	9 days	18	33	Thu 4/3/14	Wed 4/16/14	Tue 5/13/14	Mon 5/26/14	27.78 days
33	Tools	9 days	32	34	Wed 4/16/14	Tue 4/29/14	Mon 5/26/14	Fri 6/6/14	27.78 days
34	Inspect plan	7 days	8,26,27,29,33,31	35	Fri 6/6/14	Tue 6/17/14	Fri 6/6/14	Tue 6/17/14	0 days
35	Mark Money's sign-off	1.2 days	34	37	Tue 6/17/14	Wed 6/18/14	Tue 6/17/14	Wed 6/18/14	0 days
36	**Develop requirements**	**49.67 days**			**Wed 6/18/14**	**Wed 8/27/14**	**Wed 6/18/14**	**Wed 8/27/14**	**0 days**
37	Review ATCO request	5.17 days	35	38	Wed 6/18/14	Wed 6/25/14	Wed 6/18/14	Wed 6/25/14	0 days
38	Meet with Mark Money	7.83 days	37	39	Wed 6/25/14	Mon 7/7/14	Wed 6/25/14	Mon 7/7/14	0 days
39	Develop SRS document	28.67 days	38	40	Mon 7/7/14	Fri 8/15/14	Mon 7/7/14	Fri 8/15/14	0 days
40	Obtain MM Approval	8 days	39	108,122,123,42	Fri 8/15/14	Wed 8/27/14	Fri 8/15/14	Wed 8/27/14	0 days
41	**High level design**	**12 days**			**Wed 8/27/14**	**Fri 9/12/14**	**Wed 8/27/14**	**Fri 9/12/14**	**0 days**
42	Partition functions between all feature	7 days	40	43	Wed 8/27/14	Fri 9/5/14	Wed 8/27/14	Fri 9/5/14	0 days
43	Define communications between all features	5 days	42	45,52,59,66,73,101	Fri 9/5/14	Fri 9/12/14	Fri 9/5/14	Fri 9/12/14	0 days
44	**Develop GUI to enter and submit ATCO Form 106 form data**	**92.98 days**			**Fri 9/12/14**	**Wed 1/21/15**	**Fri 9/26/14**	**Wed 2/4/15**	**10.18 days**
45	Low level design	14.33 days	43	46	Fri 9/12/14	Thu 10/2/14	Fri 9/26/14	Thu 10/16/14	10.18 days
46	Inspect design	13.33 days	45	47,118	Thu 10/2/14	Tue 10/21/14	Thu 10/16/14	Tue 11/4/14	10.18 days
47	Write code	20.33 days	46	48	Tue 10/21/14	Wed 11/19/14	Tue 11/4/14	Wed 12/3/14	10.18 days
48	Inspect code	16.33 days	47	49	Wed 11/19/14	Thu 12/11/14	Wed 12/3/14	Thu 12/25/14	10.18 days
49	Unit test	14.33 days	48	50	Thu 12/11/14	Wed 12/31/14	Thu 12/25/14	Wed 1/14/15	10.18 days

50	Fix UT problems	14.33 days	49	80	Wed 12/31/14	Wed 1/21/15	Wed 1/14/15	Wed 2/4/15	10.18 days
51	**Develop communication with AUDSYS system**	**103.16 days**			**Fri 9/12/14**	**Wed 2/4/15**	**Fri 9/12/14**	**Wed 2/4/15**	**0 days**
52	Low level design	20.5 days	43	53	Fri 9/12/14	Fri 10/10/14	Fri 9/12/14	Fri 10/10/14	0 days
53	Inspect design	13.33 days	52	54	Fri 10/10/14	Wed 10/29/14	Fri 10/10/14	Wed 10/29/14	0 days
54	Write code	20.33 days	53	55	Wed 10/29/14	Thu 11/27/14	Wed 10/29/14	Thu 11/27/14	0 days
55	Inspect code	16.33 days	54	56	Thu 11/27/14	Fri 12/19/14	Thu 11/27/14	Fri 12/19/14	0 days
56	Unit test	18.17 days	55	57	Fri 12/19/14	Wed 1/14/15	Fri 12/19/14	Wed 1/14/15	0 days
57	Fix UT problems	14.5 days	56	80	Wed 1/14/15	Wed 2/4/15	Wed 1/14/15	Wed 2/4/15	0 days
58	**Develop communication with BILLSYS system**	**103.16 days**			**Fri 9/12/14**	**Wed 2/4/15**	**Fri 9/12/14**	**Wed 2/4/15**	**0 days**
59	Low level design	20.5 days	43	60	Fri 9/12/14	Fri 10/10/14	Fri 9/12/14	Fri 10/10/14	0 days
60	Inspect design	13.33 days	59	61	Fri 10/10/14	Wed 10/29/14	Fri 10/10/14	Wed 10/29/14	0 days
61	Write code	20.33 days	60	62	Wed 10/29/14	Thu 11/27/14	Wed 10/29/14	Thu 11/27/14	0 days
62	Inspect code	16.33 days	61	63	Thu 11/27/14	Fri 12/19/14	Thu 11/27/14	Fri 12/19/14	0 days
63	Unit test	18.17 days	62	64	Fri 12/19/14	Wed 1/14/15	Fri 12/19/14	Wed 1/14/15	0 days
64	Fix UT problems	14.5 days	63	80	Wed 1/14/15	Wed 2/4/15	Wed 1/14/15	Wed 2/4/15	0 days
65	**Develop communication with CREDSYS system**	**103.16 days**			**Fri 9/12/14**	**Wed 2/4/15**	**Fri 9/12/14**	**Wed 2/4/15**	**0 days**
66	Low level design	20.5 days	43	67	Fri 9/12/14	Fri 10/10/14	Fri 9/12/14	Fri 10/10/14	0 days
67	Inspect design	13.33 days	66	68	Fri 10/10/14	Wed 10/29/14	Fri 10/10/14	Wed 10/29/14	0 days
68	Write code	20.33 days	67	69	Wed 10/29/14	Thu 11/27/14	Wed 10/29/14	Thu 11/27/14	0 days
69	Inspect code	16.33 days	68	70	Thu 11/27/14	Fri 12/19/14	Thu 11/27/14	Fri 12/19/14	0 days
70	Unit test	18.17 days	69	71	Fri 12/19/14	Wed 1/14/15	Fri 12/19/14	Wed 1/14/15	0 days
71	Fix UT problems	14.5 days	70	80	Wed 1/14/15	Wed 2/4/15	Wed 1/14/15	Wed 2/4/15	0 days
72	**Develop communication with DELSYS system**	**103.16 days**			**Fri 9/12/14**	**Wed 2/4/15**	**Fri 9/12/14**	**Wed 2/4/15**	**0 days**
73	Low level design	20.5 days	43	74	Fri 9/12/14	Fri 10/10/14	Fri 9/12/14	Fri 10/10/14	0 days
74	Inspect design	13.33 days	73	75	Fri 10/10/14	Wed 10/29/14	Fri 10/10/14	Wed 10/29/14	0 days
75	Write code	20.33 days	74	76	Wed 10/29/14	Thu 11/27/14	Wed 10/29/14	Thu 11/27/14	0 days
76	Inspect code	16.33 days	75	77	Thu 11/27/14	Fri 12/19/14	Thu 11/27/14	Fri 12/19/14	0 days
77	Unit test	18.17 days	76	78	Fri 12/19/14	Wed 1/14/15	Fri 12/19/14	Wed 1/14/15	0 days
78	Fix UT problems	14.5 days	77	80	Wed 1/14/15	Wed 2/4/15	Wed 1/14/15	Wed 2/4/15	0 days
79	**Develop confirmation communication with legacy system**	**103.16 days**			**Wed 2/4/15**	**Mon 6/29/15**	**Wed 2/4/15**	**Mon 6/29/15**	**0 days**
80	Low level design	20.5 days	78,71,64,57,50,106	81	Wed 2/4/15	Wed 3/4/15	Wed 2/4/15	Wed 3/4/15	0 days
81	Inspect design	13.33 days	80	82	Wed 3/4/15	Tue 3/24/15	Wed 3/4/15	Tue 3/24/15	0 days
82	Write code	20.33 days	81	83	Tue 3/24/15	Tue 4/21/15	Tue 3/24/15	Tue 4/21/15	0 days
83	Inspect code	16.33 days	82	84	Tue 4/21/15	Wed 5/13/15	Tue 4/21/15	Wed 5/13/15	0 days
84	Unit test	18.17 days	83	85	Wed 5/13/15	Mon 6/8/15	Wed 5/13/15	Mon 6/8/15	0 days
85	Fix UT problems	14.5 days	84	87,94	Mon 6/8/15	Mon 6/29/15	Mon 6/8/15	Mon 6/29/15	0 days
86	**Develop ATCO form 106 final prep**	**103.16 days**			**Mon 6/29/15**	**Thu 11/19/15**	**Mon 6/29/15**	**Thu 11/19/15**	**0 days**
87	Low level design	20.5 days	85	88	Mon 6/29/15	Mon 7/27/15	Mon 6/29/15	Mon 7/27/15	0 days
88	Inspect design	13.33 days	87	89	Mon 7/27/15	Fri 8/14/15	Mon 7/27/15	Fri 8/14/15	0 days
89	Write code	20.33 days	88	90	Fri 8/14/15	Fri 9/11/15	Fri 8/14/15	Fri 9/11/15	0 days
90	Inspect code	16.33 days	89	91	Fri 9/11/15	Mon 10/5/15	Fri 9/11/15	Mon 10/5/15	0 days
91	Unit test	18.17 days	90	92	Mon 10/5/15	Fri 10/30/15	Mon 10/5/15	Fri 10/30/15	0 days
92	Fix UT problems	14.5 days	91	119	Fri 10/30/15	Thu 11/19/15	Fri 10/30/15	Thu 11/19/15	0 days
93	**Develop fax communication of ATCO final form**	**103.16 days**			**Mon 6/29/15**	**Thu 11/19/15**	**Mon 6/29/15**	**Thu 11/19/15**	**0 days**
94	Low level design	20.5 days	85	95	Mon 6/29/15	Mon 7/27/15	Mon 6/29/15	Mon 7/27/15	0 days
95	Inspect design	13.33 days	94	96	Mon 7/27/15	Fri 8/14/15	Mon 7/27/15	Fri 8/14/15	0 days
96	Write code	20.33 days	95	97	Fri 8/14/15	Fri 9/11/15	Fri 8/14/15	Fri 9/11/15	0 days
97	Inspect code	16.33 days	96	98	Fri 9/11/15	Mon 10/5/15	Fri 9/11/15	Mon 10/5/15	0 days
98	Unit test	18.17 days	97	99	Mon 10/5/15	Fri 10/30/15	Mon 10/5/15	Fri 10/30/15	0 days
99	Fix UT problems	14.5 days	98	119	Fri 10/30/15	Thu 11/19/15	Fri 10/30/15	Thu 11/19/15	0 days

100	**Develop forwarding of data to legacy systems**	**103.16 days**			**Fri 9/12/14**	**Wed 2/4/15**	**Fri 9/12/14**	**Wed 2/4/15**	**0 days**
101	Low level design	20.5 days	43	102	Fri 9/12/14	Fri 10/10/14	Fri 9/12/14	Fri 10/10/14	0 days
102	Inspect design	13.33 days	101	103	Fri 10/10/14	Wed 10/29/14	Fri 10/10/14	Wed 10/29/14	0 days
103	Write code	20.33 days	102	104	Wed 10/29/14	Thu 11/27/14	Wed 10/29/14	Thu 11/27/14	0 days
104	Inspect code	16.33 days	103	105	Thu 11/27/14	Fri 12/19/14	Thu 11/27/14	Fri 12/19/14	0 days
105	Unit test	18.17 days	104	106	Fri 12/19/14	Wed 1/14/15	Fri 12/19/14	Wed 1/14/15	0 days
106	Fix UT problems	14.5 days	105	80	Wed 1/14/15	Wed 2/4/15	Wed 1/14/15	Wed 2/4/15	0 days
107	**Hardware Development**	**434.81 days**			**Wed 8/27/14**	**Tue 4/26/16**	**Mon 5/18/15**	**Tue 4/26/16**	**188.42 days**
108	Meet with BoardTech	13.33 days	40	109	Wed 8/27/14	Mon 9/15/14	Mon 5/18/15	Thu 6/4/15	188.42 days
109	Negotiate contract	14.75 days	108	110	Mon 9/15/14	Mon 10/6/14	Thu 6/4/15	Thu 6/25/15	188.42 days
110	Design board	20.33 days	109	111	Mon 10/6/14	Mon 11/3/14	Thu 6/25/15	Thu 7/23/15	188.42 days
111	Design Inspection	14.33 days	110	112	Mon 11/3/14	Fri 11/21/14	Thu 7/23/15	Thu 8/13/15	188.42 days
112	Develop Prototype	22.33 days	111	113	Fri 11/21/14	Wed 12/24/14	Thu 8/13/15	Mon 9/14/15	188.42 days
113	Inspect Prototype	17.33 days	112	114	Wed 12/24/14	Fri 1/16/15	Mon 9/14/15	Wed 10/7/15	188.42 days
114	Test Prototype	14.33 days	113	115	Fri 1/16/15	Thu 2/5/15	Wed 10/7/15	Wed 10/28/15	188.42 days
115	Fix Prototype Test problems	16.33 days	114	116,119	Thu 2/5/15	Mon 3/2/15	Wed 10/28/15	Thu 11/19/15	188.42 days
116	Develop Production Board	27.33 days	115,125		Fri 3/18/16	Tue 4/26/16	Fri 3/18/16	Tue 4/26/16	0 days
117	**Integrate all features**	**329.48 days**			**Tue 10/21/14**	**Tue 1/26/16**	**Tue 11/3/15**	**Tue 1/26/16**	**269.99 days**
118	Define integration tests	11.83 days	46	119	Tue 10/21/14	Thu 11/6/14	Tue 11/3/15	Thu 11/19/15	269.99 days
119	Execute integration tests	28.33 days	118,92,99,115	120	Thu 11/19/15	Tue 12/29/15	Thu 11/19/15	Tue 12/29/15	0 days
120	Fix IT Problems	19.33 days	119	124	Tue 12/29/15	Tue 1/26/16	Tue 12/29/15	Tue 1/26/16	0 days
121	**Test overall system**	**407.48 days**			**Wed 8/27/14**	**Fri 3/18/16**	**Thu 12/24/15**	**Fri 3/18/16**	**346.47 days**
122	Develop system test plan	6 days	40	124	Wed 8/27/14	Thu 9/4/14	Mon 1/18/16	Tue 1/26/16	363.14 days
123	Develop system test cases	22.67 days	40	124	Wed 8/27/14	Fri 9/26/14	Thu 12/24/15	Tue 1/26/16	346.47 days
124	Execute system test cases	25.67 days	123,122,120	125	Tue 1/26/16	Tue 3/1/16	Tue 1/26/16	Tue 3/1/16	0 days
125	Fix ST problems	12.67 days	124	126,128,116	Tue 3/1/16	Fri 3/18/16	Tue 3/1/16	Fri 3/18/16	0 days
126	Create User Documentation	9 days	125		Fri 3/18/16	Thu 3/31/16	Wed 4/13/16	Tue 4/26/16	18.33 days
127	**Deploy overall system**	**7 days**			**Fri 3/18/16**	**Tue 3/29/16**	**Thu 3/31/16**	**Mon 4/11/16**	**9.33 days**
128	Discuss with core team members	3 days	125	129	Fri 3/18/16	Wed 3/23/16	Thu 3/31/16	Tue 4/5/16	9.33 days
129	Write brief deployment plan	4 days	128	131	Wed 3/23/16	Tue 3/29/16	Tue 4/5/16	Mon 4/11/16	9.33 days
130	**Deliver to Customer**	**11 days**			**Tue 3/29/16**	**Wed 4/13/16**	**Mon 4/11/16**	**Tue 4/26/16**	**9.33 days**
131	Ship 50 Units to Customer	7 days	129	132	Tue 3/29/16	Thu 4/7/16	Mon 4/11/16	Wed 4/20/16	9.33 days
132	Fly testers/trainers out to customer workplace	1 day	131	133	Thu 4/7/16	Fri 4/8/16	Wed 4/20/16	Thu 4/21/16	9.33 days
133	Train customer on new system	3 days	132		Fri 4/8/16	Wed 4/13/16	Thu 4/21/16	Tue 4/26/16	9.33 days