

ID	WBS	Task Name	Start	Finish	Planned Value (BCWS)	Actual Cost (ACWP)	Earned Value (BCWP)
1	1	<b>Phase I (Fall Semester)</b>	<b>Fri 9/5/14</b>	<b>Mon 12/8/14</b>	<b>228.5</b>	<b>262.5</b>	<b>228.5</b>
2	1.1	<b>Project Startup</b>	<b>Fri 9/5/14</b>	<b>Wed 9/10/14</b>	<b>16</b>	<b>10</b>	<b>16</b>
3	1.1.1	Define Project Identity	Fri 9/5/14	Fri 9/5/14	2	2	2
4	1.1.2	Setup GroupMe Application	Fri 9/5/14	Fri 9/5/14	2	0.5	2
5	1.1.3	Setup GitHub Repository	Fri 9/5/14	Fri 9/5/14	2	1	2
6	1.1.4	Setup Facebook Group	Fri 9/5/14	Fri 9/5/14	2	0.5	2
7	1.1.5	Setup Google Drive	Fri 9/5/14	Fri 9/5/14	2	1	2
8	1.1.6	<b>Secure Sponsorship</b>	<b>Wed 9/10/14</b>	<b>Wed 9/10/14</b>	<b>6</b>	<b>5</b>	<b>6</b>
9	1.1.6.1	Initiate Sponsor Proposals	Wed 9/10/14	Wed 9/10/14	2	2	2
10	1.1.6.2	Setup Sponsor Meeting	Wed 9/10/14	Wed 9/10/14	2	1	2
11	1.1.6.3	Initiate Sponsor/Team Meeting	Wed 9/10/14	Wed 9/10/14	2	2	2
12	1.2	<b>MS Project Plan</b>	<b>Fri 9/5/14</b>	<b>Wed 12/3/14</b>	<b>25</b>	<b>24</b>	<b>25</b>
13	1.2.1	Project Plan First Draft	Fri 9/5/14	Wed 10/15/14	20	18	20
14	1.2.2	Project Plan Baseline	Mon 12/1/14	Wed 12/3/14	5	6	5
15	1.3	<b>System Requirements Phase</b>	<b>Fri 9/12/14</b>	<b>Tue 12/2/14</b>	<b>113</b>	<b>168.5</b>	<b>113</b>
16	1.3.1	<b>Requirements Research</b>	<b>Fri 9/12/14</b>	<b>Thu 9/18/14</b>	<b>20</b>	<b>20</b>	<b>20</b>
17	1.3.1.1	Software Requirements	Fri 9/12/14	Thu 9/18/14	10	10	10
18	1.3.1.2	Hardware Requirements	Fri 9/12/14	Thu 9/18/14	10	10	10
19	1.3.2	<b>System Requirements Specification</b>	<b>Wed 10/1/14</b>	<b>Tue 11/4/14</b>	<b>61</b>	<b>118</b>	<b>61</b>
20	1.3.2.1	<b>SRS First Draft</b>	<b>Wed 10/1/14</b>	<b>Sat 10/25/14</b>	<b>20</b>	<b>30</b>	<b>20</b>
21	1.3.2.1.1	Initial Brainstorm Meeting	Wed 10/1/14	Wed 10/1/14	3	2	3
22	1.3.2.1.2	Creating "Product Concept" Section	Thu 10/2/14	Mon 10/6/14	1	1	1
23	1.3.2.1.3	Creating "Product Description and Functional Overview" Section	Thu 10/2/14	Mon 10/6/14	1	2	1
24	1.3.2.1.4	Creating "Customer Requirements" Section	Thu 10/2/14	Mon 10/6/14	1	1	1
25	1.3.2.1.5	Creating "Packaging Requirements" Section	Thu 10/2/14	Mon 10/6/14	1	2	1
26	1.3.2.1.6	Creating "Performance Requirements" Section	Thu 10/2/14	Mon 10/6/14	1	2	1
27	1.3.2.1.7	Creating "Safety Requirements" Section	Thu 10/2/14	Mon 10/6/14	1	2	1
28	1.3.2.1.8	Creating "Maintenance and Support Requirements" Section	Thu 10/2/14	Mon 10/6/14	1	1	1
29	1.3.2.1.9	Creating "Other Requirements" Section	Thu 10/2/14	Mon 10/6/14	1	1	1
30	1.3.2.1.10	Creating "Acceptance Criteria" Section	Thu 10/2/14	Mon 10/6/14	1	1	1

ID	WBS	Task Name	Start	Finish	Planned Value (BCWS)	Actual Cost (ACWP)	Earned Value (BCWP)
31	1.3.2.1.11	Creating "Use Cases" Section	Fri 10/24/14	Sat 10/25/14	4	4	4
32	1.3.2.1.12	Creating "Feasibility Assessment" Section	Thu 10/2/14	Mon 10/6/14	1	1	1
33	1.3.2.1.13	Creating "Future Items" Section	Thu 10/2/14	Mon 10/6/14	1	2	1
34	1.3.2.1.14	Integrating All Sections	Mon 10/6/14	Wed 10/8/14	2	8	2
35	<b>1.3.2.2</b>	<b>SRS Baseline</b>	<b>Sun 10/19/14</b>	<b>Tue 11/4/14</b>	<b>36</b>	<b>83</b>	<b>36</b>
36	1.3.2.2.1	Draft revisions to TA's specifications	Sun 10/19/14	Sun 10/19/14	5	3	5
37	1.3.2.2.2	Unify the Formatting	Mon 10/20/14	Mon 10/20/14	2	4	2
38	1.3.2.2.3	Update Use Cases Section	Sat 10/25/14	Sat 10/25/14	2	4	2
39	1.3.2.2.4	Implement Professor O'Dell's changes to SRS	Sun 10/26/14	Sun 10/26/14	10	4	10
40	1.3.2.2.5	Update sections 1,2,3,5 and 11 to reflect project changes	Thu 10/30/14	Thu 10/30/14	2	5	2
41	1.3.2.2.6	Update sections 10 and 12 to reflect project changes	Fri 10/31/14	Fri 10/31/14	1	2	1
42	1.3.2.2.7	Update sections 7, 8, and 9 to reflect project changes	Sat 11/1/14	Sat 11/1/14	3	3	3
43	1.3.2.2.8	Update Sections 4 and 6 to reflect project changes	Sun 11/2/14	Sun 11/2/14	2	2	2
44	1.3.2.2.9	Integrate and review all SRS section changes and make final updates	Tue 11/4/14	Tue 11/4/14	5	40	5
45	1.3.2.2.10	Create presentation for SRS Gate Review	Tue 11/4/14	Tue 11/4/14	4	16	4
46	<b>1.3.2.3</b>	<b>Team Real Peer Review</b>	<b>Wed 10/29/14</b>	<b>Wed 10/29/14</b>	<b>15</b>	<b>5</b>	<b>5</b>
47	1.3.2.3.1	Review and make notes for sections 4, 6, and 10 - Billy	Wed 10/29/14	Wed 10/29/14	1	1	1
48	1.3.2.3.2	Review and make notes for sections 7, 8, and 9 - Gautam	Wed 10/29/14	Wed 10/29/14	1	1	1
49	1.3.2.3.3	Review and make notes for sections 3, 5, and 11 - Jeremiah	Wed 10/29/14	Wed 10/29/14	1	1	1
50	1.3.2.3.4	Review and make notes for sections 1, 2, and 12 - Tung	Wed 10/29/14	Wed 10/29/14	1	1	1
51	1.3.2.3.5	Merging all notes into one document for Team Real	Wed 10/29/14	Wed 10/29/14	1	1	1
52	<b>1.3.3</b>	<b>Project Charter</b>	<b>Mon 10/13/14</b>	<b>Tue 12/2/14</b>	<b>32</b>	<b>30.5</b>	<b>32</b>
53	<b>1.3.3.1</b>	<b>Project Charter First Draft</b>	<b>Mon 10/13/14</b>	<b>Wed 10/15/14</b>	<b>14</b>	<b>20.5</b>	<b>14</b>
54	1.3.3.1.1	Creating "General Organization" Section	Mon 10/13/14	Wed 10/15/14	1	1	1
55	1.3.3.1.2	Creating "Scope Statement" Section	Mon 10/13/14	Wed 10/15/14	1	1	1
56	1.3.3.1.3	Creating "Cost Management Plan" Section	Mon 10/13/14	Tue 10/14/14	1	2	1
57	1.3.3.1.4	Creating "Earned Value Management" Section	Mon 10/13/14	Wed 10/15/14	1	1	1
58	1.3.3.1.5	Creating "Scope Management Plan" Section	Mon 10/13/14	Wed 10/15/14	1	1	1
59	1.3.3.1.6	Creating "Work Breakdown Structure" Section	Mon 10/13/14	Wed 10/15/14	1	1	1
60	1.3.3.1.7	Creating "Quality Management Plan" Section	Mon 10/13/14	Tue 10/14/14	1	2	1

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61	1.3.3.1.8	Creating "Communications Plan" Section	Mon 10/13/1	Tue 10/14/14	1	2	1
62	1.3.3.1.9	Creating "Change Management Plan" Section	Mon 10/13/1	Tue 10/14/14	1	2	1
63	1.3.3.1.10	Creating "Risk Management Plan" Section	Mon 10/13/1	Tue 10/14/14	1	3.5	1
64	1.3.3.1.11	Creating "Procurement Management Plan" Section	Mon 10/13/1	Wed 10/15/1	1	1	1
65	1.3.3.1.12	Creating "Project Closeout Report" Section	Mon 10/13/1	Wed 10/15/1	1	1	1
66	1.3.3.1.13	Integrating All Sections	Wed 10/15/1	Wed 10/15/1	2	2	2
67	<b>1.3.3.2</b>	<b>Project Charter Baseline</b>	<b>Mon 11/24/1</b>	<b>Tue 12/2/14</b>	<b>18</b>	<b>10</b>	<b>18</b>
68	1.3.3.2.1	Fix structure of Project Charter	Mon 11/24/1	Mon 11/24/1	2	2	2
69	1.3.3.2.2	Implement SRS changes into Project Charter	Tue 12/2/14	Tue 12/2/14	8	4	8
70	1.3.3.2.3	Implement WBS changes into Project Charter	Tue 12/2/14	Tue 12/2/14	8	4	8
71	<b>1.4</b>	<b>System Architecture Phase</b>	<b>Mon 11/24/1</b>	<b>Mon 12/8/14</b>	<b>38.5</b>	<b>26.5</b>	<b>38.5</b>
72	<b>1.4.1</b>	<b>Architecture Design Specification</b>	<b>Mon 11/24/1</b>	<b>Mon 12/8/14</b>	<b>33.5</b>	<b>21.5</b>	<b>33.5</b>
73	<b>1.4.1.1</b>	<b>ADS First Draft</b>	<b>Mon 11/24/1</b>	<b>Mon 12/8/14</b>	<b>33.5</b>	<b>21.5</b>	<b>33.5</b>
74	1.4.1.1.1	Create Independent documents for each person to work in	Mon 11/24/14	Mon 11/24/14	0.5	0.5	0.5
75	1.4.1.1.2	Create "Introduction" Section	Mon 11/24/1	Wed 12/3/14	2	1	2
76	1.4.1.1.3	Create "Meta Architecture" Section	Mon 11/24/1	Wed 12/3/14	2	1	2
77	1.4.1.1.4	Create "Layer Definitions" Section	Mon 11/24/1	Wed 12/3/14	2	2	2
78	1.4.1.1.5	Create "Inter-SubSystem Data Flow" Section	Mon 11/24/1	Wed 12/3/14	2	2	2
79	1.4.1.1.6	Create "Sensor Layer" Section	Mon 11/24/1	Wed 12/3/14	2	1	2
80	1.4.1.1.7	Create "Client Layer" Section	Mon 11/24/1	Wed 12/3/14	2	1	2
81	1.4.1.1.8	Create "Server Layer" Section	Mon 11/24/1	Wed 12/3/14	2	2	2
82	1.4.1.1.9	Create "Hardware I/O Layer" Section	Mon 11/24/1	Wed 12/3/14	2	1	2
83	1.4.1.1.10	Create "Requirements Tractability" Section	Mon 11/24/1	Wed 12/3/14	2	1	2
84	1.4.1.1.11	Create "Operating System Dependencies" Section	Mon 11/24/1	Wed 12/3/14	2	1	2
85	1.4.1.1.12	Create "Testing Considerations" Section	Mon 11/24/1	Wed 12/3/14	2	2	2
86	1.4.1.1.13	Integrate All Sections	Wed 12/3/14	Wed 12/3/14	8	3	8
87	1.4.1.1.14	Create ADS Gate Review Presentation	Sat 12/6/14	Mon 12/8/14	3	3	3
88	<b>1.4.2</b>	<b>Team Patrol Crusaders Peer Review</b>	<b>Fri 12/5/14</b>	<b>Fri 12/5/14</b>	<b>5</b>	<b>5</b>	<b>5</b>
89	1.4.2.1	Review and make notes for sections 1, 2, 6, 8	Fri 12/5/14	Fri 12/5/14	1	1	1
90	1.4.2.2	Review and make notes for sections 3, 9, 11	Fri 12/5/14	Fri 12/5/14	1	1	1

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91	1.4.2.3	Review and make notes for sections 4, 7	Fri 12/5/14	Fri 12/5/14	1	1	1
92	1.4.2.4	Review and make notes for sections 5, 10	Fri 12/5/14	Fri 12/5/14	1	1	1
93	1.4.2.5	Merging all notes into one document for Team Patrol Crusaders	Fri 12/5/14	Fri 12/5/14	1	1	1
94	<b>1.5</b>	<b>Recurring Tasks</b>	<b>Thu 9/11/14</b>	<b>Fri 12/5/14</b>	<b>36</b>	<b>33.5</b>	<b>36</b>
95	<b>1.5.1</b>	<b>Sponsor Meetings</b>	<b>Thu 9/11/14</b>	<b>Fri 12/5/14</b>	<b>4</b>	<b>2.25</b>	<b>4</b>
96	1.5.1.1	9/11/2014 Initial Sponsor Meeting	Thu 9/11/14	Thu 9/11/14	1	0.5	1
97	1.5.1.2	9/22/2014 Team Sponsor Meeting	Mon 9/22/14	Mon 9/22/14	1	0.25	1
98	1.5.1.3	10/27/2014 Team Sponsor Meeting	Mon 10/27/14	Mon 10/27/14	1	0.5	1
99	1.5.1.4	12/8/2014 Team Sponsor Meeting	Fri 12/5/14	Fri 12/5/14	1	1	1
100	<b>1.5.2</b>	<b>Team Meetings</b>	<b>Wed 9/24/14</b>	<b>Wed 12/3/14</b>	<b>32</b>	<b>31.25</b>	<b>32</b>
101	1.5.2.1	9/24/2014 Team Meeting	Wed 9/24/14	Wed 9/24/14	2	2.5	2
102	1.5.2.2	9/30/2014 Team Meeting	Tue 9/30/14	Tue 9/30/14	2	1.5	2
103	1.5.2.3	10/1/2014 Team Meeting	Wed 10/1/14	Wed 10/1/14	2	2.5	2
104	1.5.2.4	10/6/2014 Team Meeting	Mon 10/6/14	Mon 10/6/14	2	2	2
105	1.5.2.5	10/13/2014 Team Meeting	Mon 10/13/14	Mon 10/13/14	2	1.5	2
106	1.5.2.6	10/15/2014 Team Meeting	Wed 10/15/14	Wed 10/15/14	2	1.5	2
107	1.5.2.7	10/20/2014 Team Meeting	Mon 10/20/14	Mon 10/20/14	2	1.5	2
108	1.5.2.8	10/29/2014 Team Meeting	Wed 10/29/14	Wed 10/29/14	2	2	2
109	1.5.2.9	10/30/2014 Team Meeting	Thu 10/30/14	Thu 10/30/14	2	2.5	2
110	1.5.2.10	11/3/2014 Team Meeting	Mon 11/3/14	Mon 11/3/14	2	1.25	2
111	1.5.2.11	11/7/2014 Team Meeting	Fri 11/7/14	Fri 11/7/14	1	0.5	1
112	1.5.2.12	11/8/2014 Team Meeting	Sat 11/8/14	Sat 11/8/14	2	1.25	2
113	1.5.2.13	11/17/2014 Team Meeting	Mon 11/17/14	Mon 11/17/14	2	2	2
114	1.5.2.14	11/24/2014 Team Meeting	Mon 11/24/14	Mon 11/24/14	2	2.75	2
115	1.5.2.15	12/1/2014 Team Meeting	Mon 12/1/14	Mon 12/1/14	2	3	2
116	1.5.2.16	12/3/2015 Team Meeting	Wed 12/3/14	Wed 12/3/14	3	3	3
117	<b>2</b>	<b>Phase II (Spring Semester)</b>	<b>Tue 1/20/15</b>	<b>Wed 5/13/15</b>	<b>828</b>	<b>486.5</b>	<b>801</b>
118	<b>2.1</b>	<b>System Architecture Phase</b>	<b>Tue 1/20/15</b>	<b>Fri 1/30/15</b>	<b>25</b>	<b>13</b>	<b>25</b>
119	<b>2.1.1</b>	<b>Architecture Design Specification</b>	<b>Tue 1/20/15</b>	<b>Fri 1/30/15</b>	<b>25</b>	<b>13</b>	<b>25</b>
120	<b>2.1.1.1</b>	<b>ADS Baseline</b>	<b>Tue 1/20/15</b>	<b>Fri 1/30/15</b>	<b>25</b>	<b>13</b>	<b>25</b>

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121	2.1.1.1.1	Update "Introduction" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
122	2.1.1.1.2	Update "Meta Architecture" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
123	2.1.1.1.3	Update "Layer Definitions" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
124	2.1.1.1.4	Update "Inter-SubSystem Data Flow" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
125	2.1.1.1.5	Update "Sensor Layer" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
126	2.1.1.1.6	Update "Client Layer" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
127	2.1.1.1.7	Update "Server Layer" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
128	2.1.1.1.8	Update "Hardware I/O Layer" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
129	2.1.1.1.9	Update "Requirements Tractability" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
130	2.1.1.1.10	Update "Operating System Dependencies" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
131	2.1.1.1.11	Update "Testing Considerations" Section based on Instructor Feedback	Tue 1/20/15	Wed 1/28/15	2	1	2
132	2.1.1.1.12	Create Team Status Report Presentation detailing modifications to ADS	Thu 1/29/15	Fri 1/30/15	3	2	3
133	<b>2.2</b>	<b>Detailed Design Phase</b>	<b>Mon 2/2/15</b>	<b>Fri 3/6/15</b>	<b>59.5</b>	<b>35</b>	<b>35.5</b>
134	<b>2.2.1</b>	<b>Detailed Design First Draft</b>	<b>Mon 2/2/15</b>	<b>Thu 2/26/15</b>	<b>35.5</b>	<b>35</b>	<b>35.5</b>
135	2.2.1.1	Create Independent documents for each person to work in	Fri 2/13/15	Sat 2/14/15	0.5	1	0.5
136	2.2.1.2	Create "Introduction" Section	Sat 2/14/15	Wed 2/18/15	2	1	2
137	2.2.1.3	Create "Architecture Overview" Section	Sat 2/14/15	Wed 2/18/15	2	1	2
138	2.2.1.4	Create "System Hardware Description" Section	Sat 2/14/15	Wed 2/18/15	2	2	2
139	2.2.1.5	Create "System Software Description" Section	Sat 2/14/15	Wed 2/18/15	2	1.5	2
140	2.2.1.6	Create "Server Layer" Section	Sat 2/14/15	Wed 2/18/15	2	2	2
141	2.2.1.7	Create "Interface Layer" Section	Sat 2/14/15	Wed 2/18/15	2	2	2
142	2.2.1.8	Create "Hardware I/O Layer" Section	Sat 2/14/15	Wed 2/18/15	2	2	2
143	2.2.1.9	Create "Sensor Layer" Section	Sat 2/14/15	Wed 2/18/15	2	2	2
144	2.2.1.10	Create "Quality Assurance" Section	Sat 2/14/15	Wed 2/18/15	2	3	2
145	2.2.1.11	Create "Requirements Traceability" Section	Sat 2/14/15	Wed 2/18/15	2	1.5	2
146	2.2.1.12	Create "Acceptance Plan" Section	Sat 2/14/15	Wed 2/18/15	2	1	2
147	2.2.1.13	Create "Appendix" Section	Sat 2/14/15	Wed 2/18/15	2	2	2
148	2.2.1.14	Integrate All Sections	Wed 2/18/15	Mon 2/23/15	8	6	8
149	2.2.1.15	Create DDS Gate Review Presentation	Thu 2/26/15	Thu 2/26/15	3	7	3
150	<b>2.2.2</b>	<b>Detailed Design Baseline</b>	<b>Tue 2/24/15</b>	<b>Fri 3/6/15</b>	<b>24</b>	<b>0</b>	<b>0</b>

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151	2.2.2.1	Update "Introduction" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
152	2.2.2.2	Update "Architecture Overview" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
153	2.2.2.3	Update "System Hardware Description" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
154	2.2.2.4	Update "System Software Description" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
155	2.2.2.5	Update "Server Layer" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
156	2.2.2.6	Update Creating "Client Layer" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
157	2.2.2.7	Update "Hardware I/O Layer" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
158	2.2.2.8	Update "Sensor Layer" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
159	2.2.2.9	Update "Quality Assurance" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
160	2.2.2.10	Update "Requirements Traceability" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
161	2.2.2.11	Update "Acceptance Plan" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
162	2.2.2.12	Update "Appendix" Section based on feedback from presentation	Thu 2/26/15	Mon 3/2/15	2	0	0
163	<b>2.3</b>	<b>System Test Plan Phase</b>	<b>Tue 3/3/15</b>	<b>Thu 4/9/15</b>	<b>63.5</b>	<b>31</b>	<b>63.5</b>
164	<b>2.3.1</b>	<b>System Test Plan First Draft</b>	<b>Mon 3/9/15</b>	<b>Tue 3/24/15</b>	<b>41.5</b>	<b>24.5</b>	<b>41.5</b>
165	2.3.1.1	Create Independent documents for each person to work in	Mon 3/9/15	Mon 3/9/15	0.5	1	0.5
166	2.3.1.2	Create "Introduction" Section	Mon 3/9/15	Mon 3/23/15	3	2	3
167	2.3.1.3	Create "References" Section	Mon 3/9/15	Mon 3/23/15	3	2	3
168	2.3.1.4	Create "Test Items" Section	Mon 3/9/15	Mon 3/23/15	3	3	3
169	2.3.1.5	Create "Risks" Section	Mon 3/9/15	Mon 3/23/15	3	2	3
170	2.3.1.6	Create "Features To Be Tested" Section	Mon 3/9/15	Mon 3/23/15	3	3	3
171	2.3.1.7	Create "Features Not To Be Tested" Section	Mon 3/9/15	Mon 3/23/15	3	1	3
172	2.3.1.8	Create "Testing Approaches" Section	Mon 3/9/15	Mon 3/23/15	3	1	3
173	2.3.1.9	Create "Item Pass/Fail Criteria" Section	Mon 3/9/15	Mon 3/23/15	3	3	3
174	2.3.1.10	Create "Test Deliverables" Section	Mon 3/9/15	Mon 3/23/15	3	1	3
175	2.3.1.11	Create "Test Schedule" Section	Mon 3/9/15	Mon 3/23/15	3	1	3
176	2.3.1.12	Create "Approval" Section	Mon 3/9/15	Mon 3/23/15	3	0.5	3
177	2.3.1.13	Integrate All Sections	Mon 3/9/15	Mon 3/23/15	8	4	8
178	<b>2.3.2</b>	<b>System Test Plan Baseline</b>	<b>Tue 3/24/15</b>	<b>Thu 4/9/15</b>	<b>22</b>	<b>6.5</b>	<b>22</b>
179	2.3.2.1	Update "Introduction" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	1	2
180	2.3.2.2	Update "References" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2

ID	WBS	Task Name	Start	Finish	Planned Value (BCWS)	Actual Cost (ACWP)	Earned Value (BCWP)
181	2.3.2.3	Update "Test Items" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2
182	2.3.2.4	Update "Risks" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2
183	2.3.2.5	Update "Features To Be Tested" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2
184	2.3.2.6	Update "Features Not To Be Tested" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2
185	2.3.2.7	Update "Testing Approaches" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2
186	2.3.2.8	Update "Item Pass/Fail Criteria" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	1	2
187	2.3.2.9	Update "Test Deliverables" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2
188	2.3.2.10	Update "Test Schedule" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2
189	2.3.2.11	Update "Approval" Section based on Instructor Feedback	Wed 3/25/15	Mon 4/6/15	2	0.5	2
190	<b>2.4</b>	<b>Implementation Phase</b>	<b>Tue 1/20/15</b>	<b>Fri 5/8/15</b>	<b>530</b>	<b>236</b>	<b>530</b>
191	2.4.1	Implementation Hours - Billy	Tue 1/20/15	Fri 5/8/15	120	50	120
192	2.4.2	Implementation Hours - Tung	Tue 1/20/15	Fri 5/8/15	90	46	90
193	2.4.3	Implementation Hours - Jeremiah	Tue 1/20/15	Fri 5/8/15	105	40	105
194	2.4.4	Implementation Hours - Gautam	Tue 1/20/15	Fri 5/8/15	90	30	90
195	2.4.5	Troubleshooting - Billy	Tue 1/20/15	Fri 5/8/15	30	12	30
196	2.4.6	Troubleshooting - Tung	Tue 1/20/15	Fri 5/8/15	25	10	25
197	2.4.7	Troubleshooting - Jeremiah	Tue 1/20/15	Fri 5/8/15	25	10	25
198	2.4.8	Troubleshooting - Gautam	Tue 1/20/15	Fri 5/8/15	25	6	25
199	2.4.9	Early Prototype Preview	Mon 4/13/15	Fri 4/17/15	20	32	20
200	<b>2.5</b>	<b>System Testing Phase</b>	<b>Mon 4/6/15</b>	<b>Fri 5/8/15</b>	<b>137</b>	<b>158.5</b>	<b>134</b>
201	<b>2.5.1</b>	<b>Hardware Testing</b>	<b>Mon 4/6/15</b>	<b>Fri 4/10/15</b>	<b>7</b>	<b>5.5</b>	<b>7</b>
202	2.5.1.1	H1 - Raspberry Pi	Mon 4/6/15	Fri 4/10/15	1	0.25	1
203	2.5.1.2	H2 - Arduino #1	Mon 4/6/15	Fri 4/10/15	1	0.25	1
204	2.5.1.3	H2 - Arduino #2	Mon 4/6/15	Fri 4/10/15	1	0.25	1
205	2.5.1.4	H3 - Soil Moisture Sensor	Mon 4/6/15	Fri 4/10/15	1	0.25	1
206	2.5.1.5	H4 - Temperature Sensor	Mon 4/6/15	Fri 4/10/15	1	0.25	1
207	2.5.1.6	H5 - Rain Sensor	Mon 4/6/15	Fri 4/10/15	1	0.25	1
208	2.5.1.7	H6 - Relay Switch Module	Mon 4/6/15	Fri 4/10/15	1	4	1
209	<b>2.5.2</b>	<b>Unit Testing</b>	<b>Mon 4/6/15</b>	<b>Fri 4/17/15</b>	<b>62</b>	<b>85</b>	<b>59</b>
210	2.5.2.1	USSS1 - Soil Moisture Reading Collector Module	Mon 4/6/15	Fri 4/17/15	1	0.5	1

ID	WBS	Task Name	Start	Finish	Planned Value (BCWS)	Actual Cost (ACWP)	Earned Value (BCWP)
211	2.5.2.2	USSS2 - Control Board Module (for Soil Moisture Reading Collector)	Mon 4/6/15	Fri 4/17/15	1	0.5	1
212	2.5.2.3	USRS1 - Rain Status Collector Module	Mon 4/6/15	Fri 4/17/15	1	0.5	1
213	2.5.2.4	USRS2 - Control Board Module (for Rain Status Collector)	Mon 4/6/15	Fri 4/17/15	1	0.5	1
214	2.5.2.5	USTS1 - Temperatrue Reading Collector	Mon 4/6/15	Fri 4/17/15	1	0.5	1
215	2.5.2.6	USTS2 - Control Board Module (for Temperatrue Reading Collector)	Mon 4/6/15	Fri 4/17/15	1	0.5	1
216	2.5.2.7	USSC1 - Analog-Digital Converter Module	Mon 4/6/15	Fri 4/17/15	1	1	1
217	2.5.2.8	USSC2 - Sensor Data Packager Module	Mon 4/6/15	Fri 4/17/15	2	5	2
218	2.5.2.9	USSC3 - Serial Data Sender Module	Mon 4/6/15	Fri 4/17/15	2	1	2
219	2.5.2.10	UHVC1 - Serial Data Receiver Module	Mon 4/6/15	Fri 4/17/15	2	1	2
220	2.5.2.11	UHSC2 - Command Executor Module	Mon 4/6/15	Fri 4/17/15	3	5	3
221	2.5.2.12	UHVC3 - Relay Module Module	Mon 4/6/15	Fri 4/17/15	3	3	3
222	2.5.2.13	UIVDP1 - USB/Serial Interface Module	Mon 4/6/15	Fri 4/17/15	2	1	2
223	2.5.2.14	UIDP2 - Valve Command Processor Module	Mon 4/6/15	Fri 4/17/15	3	2	3
224	2.5.2.15	UIDP3 - JSON Message Builder Module	Mon 4/6/15	Fri 4/17/15	3	5	3
225	2.5.2.16	UISC1 - Response Parser Module	Mon 4/6/15	Fri 4/17/15	3	4	3
226	2.5.2.17	UISC1 - API Caller Module	Mon 4/6/15	Fri 4/17/15	2	5	2
227	2.5.2.18	USWA1 - View Module	Mon 4/6/15	Fri 4/17/15	4	10	4
228	2.5.2.19	USWA2 - Controller Module	Mon 4/6/15	Fri 4/17/15	5	10	5
229	2.5.2.20	USWA3 - Model Module	Mon 4/6/15	Fri 4/17/15	3	4	3
230	2.5.2.21	USWS1 - Response Handler Module	Mon 4/6/15	Fri 4/17/15	3	8	3
231	2.5.2.22	USWS2 - Web Services Module	Mon 4/6/15	Fri 4/17/15	5	8	5
232	2.5.2.23	USWS3 - URI Authenticator Module	Mon 4/6/15	Fri 4/17/15	2	2	2
233	2.5.2.24	USWS4 - JSON Converter Module	Mon 4/6/15	Fri 4/17/15	3	3	3
234	2.5.2.25	USSI1 - Stored Procedures Module	Mon 4/6/15	Fri 4/17/15	3	0	0
235	2.5.2.26	USSI2 - DB Interface Module	Mon 4/6/15	Fri 4/17/15	2	4	2
236	2.5.3	Component Testing	Mon 4/13/15	Fri 4/24/15	37	37	37
237	2.5.3.1	CSS1 - Soil Moisture Sensor Subsystem	Mon 4/13/15	Fri 4/24/15	3	2	3
238	2.5.3.2	CSR1 - Rain Sensor Subsystem	Mon 4/13/15	Fri 4/24/15	3	2	3
239	2.5.3.3	CSR3 - Temperature Sensor Subsystem	Mon 4/13/15	Fri 4/24/15	3	2	3
240	2.5.3.4	CHS1 - Sensor Controller Subsystem	Mon 4/13/15	Fri 4/24/15	4	3	4



ID	WBS	Task Name	Start	Finish	Planned Value (BCWS)	Actual Cost (ACWP)	Earned Value (BCWP)
241	2.5.3.5	CHV1 - Valve Controller Subsystem	Mon 4/13/15	Fri 4/24/15	4	3	4
242	2.5.3.6	CID1 - Data Processing Subsystem	Mon 4/13/15	Fri 4/24/15	4	4	4
243	2.5.3.7	CSS1 - Service Caller Subsystem	Mon 4/13/15	Fri 4/24/15	4	3	4
244	2.5.3.8	CSA1 - Web Application Subsystem	Mon 4/13/15	Fri 4/24/15	4	6	4
245	2.5.3.9	CSS1 - Web Services Subsystem	Mon 4/13/15	Fri 4/24/15	5	8	5
246	2.5.3.10	CSD1 - Database Interface Subsystem	Mon 4/13/15	Fri 4/24/15	3	4	3
247	<b>2.5.4</b>	<b>Integration Testing</b>	<b>Mon 4/20/15</b>	<b>Fri 5/1/15</b>	<b>17</b>	<b>15</b>	<b>17</b>
248	2.5.4.1	IS1 - Sensor Layer	Mon 4/20/15	Fri 5/1/15	2	3	2
249	2.5.4.2	IH1 - Hardware I/O Layer	Mon 4/20/15	Fri 5/1/15	3	4	3
250	2.5.4.3	II1 - Interface Layer	Mon 4/20/15	Fri 5/1/15	6	3	6
251	2.5.4.4	IW1 - Server Layer	Mon 4/20/15	Fri 5/1/15	6	5	6
252	<b>2.5.5</b>	<b>System Validation</b>	<b>Mon 5/4/15</b>	<b>Fri 5/8/15</b>	<b>14</b>	<b>16</b>	<b>14</b>
253	2.5.5.1	V1 - System Validation	Mon 5/4/15	Fri 5/8/15	14	16	14
254	<b>2.6</b>	<b>Project Closeout</b>	<b>Mon 5/4/15</b>	<b>Wed 5/13/15</b>	<b>12</b>	<b>12</b>	<b>12</b>
255	2.6.1	Final Report	Mon 5/4/15	Tue 5/5/15	4	4	4
256	2.6.2	Final Presentation	Thu 5/7/15	Thu 5/7/15	4	4	4
257	2.6.3	Complete Project Wrap Up	Wed 5/13/15	Wed 5/13/15	4	4	4
258	<b>2.7</b>	<b>Recurring Tasks</b>	<b>Tue 1/20/15</b>	<b>Wed 5/13/15</b>	<b>1</b>	<b>1</b>	<b>1</b>
259	<b>2.7.1</b>	<b>Sponsor Meetings</b>	<b>Thu 1/15/15</b>	<b>Thu 1/15/15</b>	<b>1</b>	<b>1</b>	<b>1</b>
260	2.7.1.1	1/15/2015 Team Sponsor Meeting	Thu 1/15/15	Thu 1/15/15	1	1	1