ID		WBS	Task Name	Work	Duration	Start	Finish	% Complete	Predecessors	Resource Names
1		1	**KEY DATES**	**0 hrs**	**239 days**	**Mon 10/18/10**	**Thu 9/15/11**	**0%**		
2		1.1	**Project Start Date**	0 hrs	0 days	Mon 10/18/10	Mon 10/18/10	100%		
3		1.2	**Software Requirements Document (SRD)**	0 hrs	0 days	Mon 5/16/11	Mon 5/16/11	0%	106	
4		1.3	**Requirements and Design Complete**	0 hrs	0 days	Mon 5/16/11	Mon 5/16/11	0%	43	
5		1.4	**Code and Test Complete**	0 hrs	0 days	Wed 8/31/11	Wed 8/31/11	0%	332,335,318	
6		1.5	**Final Review**	0 hrs	0 days	Thu 9/1/11	Thu 9/1/11	0%		
7		1.6	**Final Report Complete**	0 hrs	0 days	Thu 9/15/11	Thu 9/15/11	0%	38	
8										
9		2	**Monthly Meeting**	**22 hrs**	**228.25 days**	**Mon 10/18/10**	**Thu 9/1/11**	**45%**		
10		2.1	Monthly Meeting 1	2 hrs	2 hrs	Mon 10/18/10	Mon 10/18/10	100%		
11		2.2	Monthly Meeting 2	2 hrs	2 hrs	Thu 11/4/10	Thu 11/4/10	100%		
12		2.3	Monthly Meeting 3	2 hrs	2 hrs	Thu 12/9/10	Thu 12/9/10	100%		
13		2.4	Monthly Meeting 4	2 hrs	2 hrs	Thu 2/3/11	Thu 2/3/11	100%		
14		2.5	Monthly Meeting 5	2 hrs	2 hrs	Mon 3/7/11	Mon 3/7/11	100%		
15		2.6	Monthly Meeting 6	2 hrs	2 hrs	Thu 4/7/11	Thu 4/7/11	0%		
16		2.7	Monthly Meeting 7	2 hrs	2 hrs	Thu 5/5/11	Thu 5/5/11	0%		
17		2.8	Monthly Meeting 8	2 hrs	2 hrs	Thu 6/2/11	Thu 6/2/11	0%		
18		2.9	Monthly Meeting 9	2 hrs	2 hrs	Thu 7/7/11	Thu 7/7/11	0%		
19		2.10	Monthly Meeting 10	2 hrs	2 hrs	Thu 8/4/11	Thu 8/4/11	0%		
20		2.11	Monthly Meeting 11	2 hrs	2 hrs	Thu 9/1/11	Thu 9/1/11	0%		
21										
22		3	**IWM TO12 Project Tasks**	**9,726.2 hrs**	**255 days**	**Fri 9/24/10**	**Thu 9/15/11**	**53%**		
23		3.1	**Task 1 - Project Management**	**962.55 hrs**	**255 days**	**Fri 9/24/10**	**Thu 9/15/11**	**58%**		
24		3.1.1	**Sprint Project Management**	365.7 hrs	235 days	Mon 10/18/10	Thu 9/15/11	50%		Mike Peter[20%]
25		3.1.2	**Technical Support**	296.78 hrs	255 days	Fri 9/24/10	Thu 9/15/11	50%		
26		3.1.2.1	Developer Support	100.78 hrs	251 days	Fri 9/24/10	Thu 9/15/11	50%	2	Chris Duffy[5%],Sean Williams[5%]
27		3.1.2.2	Admin/Test Support	196 hrs	253 days	Fri 9/24/10	Thu 9/15/11	50%	2	Chris Duffy[5%],Sean Williams[5%]
28		3.1.3	**Project Management Plan (PMP)**	**162.47 hrs**	**75 days**	**Fri 9/24/10**	**Thu 1/6/11**	**100%**		
29		3.1.3.1	Update & Revise Detailed PMP	142.47 hrs	45 days	Fri 9/24/10	Thu 11/25/10	100%	2	Chris Duffy[20%],Ken Levine[20%]
30		3.1.3.2	Sonalysts Review of PMP	0 hrs	10 days	Fri 11/26/10	Thu 12/9/10	100%	29	
31		3.1.3.3	MLC Updates to PMP	20 hrs	20 days	Fri 12/10/10	Thu 1/6/11	100%	30	Mike Peter[13%]
32		3.1.3.4	**Deliverable: Submit Final Project Management Plan**	0 hrs	0 days	Thu 1/6/11	Thu 1/6/11	100%	31	
33		3.1.4	**Project Work Plan (PWP)**	**104 hrs**	**75 days**	**Fri 9/24/10**	**Thu 1/6/11**	**100%**		
34		3.1.4.1	Develop & Revise PWP	72 hrs	45 days	Fri 9/24/10	Thu 11/25/10	100%	2	Mike Peter[20%]
35		3.1.4.2	Sonalysts Review of PWP	0 hrs	10 days	Fri 11/26/10	Thu 12/9/10	100%	34	
36		3.1.4.3	MLC Updates to PWP	32 hrs	20 days	Fri 12/10/10	Thu 1/6/11	100%	35	Mike Peter[20%]
37		3.1.4.4	**Deliverable: Submit Project Work Plan**	0 hrs	0 days	Thu 1/6/11	Thu 1/6/11	100%	36	
38		3.1.5	**Project Final Report**	**33.6 hrs**	**11 days**	**Thu 9/1/11**	**Thu 9/15/11**	**0%**		
39		3.1.5.1	Develop Project Final Report	28 hrs	5 days	Thu 9/1/11	Wed 9/7/11	0%	6	Mike Peter[70%]
40		3.1.5.2	Sonalysts Review of Project Final Report	0 hrs	5 days	Thu 9/8/11	Wed 9/14/11	0%	39	
41		3.1.5.3	MLC Updates to Project Final Report	5.6 hrs	1 day	Thu 9/15/11	Thu 9/15/11	0%	40	Mike Peter[70%]
42		3.1.5.4	**Deliverable: Submit Project Final Report**	0 hrs	0 days	Thu 9/15/11	Thu 9/15/11	0%	41	
43		3.2	**Task 2 - System Analysis**	**1,387.2 hrs**	**166.79 days**	**Fri 9/24/10**	**Mon 5/16/11**	**82%**		
44		3.2.1	**Model Change Analysis Modeling**	**111.2 hrs**	**23 days**	**Fri 9/24/10**	**Tue 10/26/10**	**100%**		
45		3.2.1.1	Model Change Analysis	96 hrs	20 days	Fri 9/24/10	Thu 10/21/10	100%	2	Mike Peter[60%]
46		3.2.1.2	Review: Model Change Modeling Pkg	5.6 hrs	1 day	Fri 10/22/10	Fri 10/22/10	100%	45	Ken Levine[10%],Mike Peter[60%]
47		3.2.1.3	Model Change Modeling Pkg - modifications from review	9.6 hrs	2 days	Mon 10/25/10	Tue 10/26/10	100%	46	Mike Peter[60%]
48		3.2.1.4	*Internal Deliverable: Draft Model Change Use Case Package*	0 hrs	0 days	Tue 10/26/10	Tue 10/26/10	100%	47	
49		3.2.2	**Scheduler Enhancement Analysis Modeling**	**535.27 hrs**	**74 days**	**Fri 9/24/10**	**Wed 1/5/11**	**100%**		
50		3.2.2.1	**Test Lab Analysis Models**	**266.27 hrs**	**43 days**	**Fri 9/24/10**	**Tue 11/23/10**	**100%**		
51		3.2.2.1.1	Test Lab Analysis 1	126.4 hrs	20 days	Fri 9/24/10	Thu 10/21/10	100%	2	Ken Levine[80%]
52		3.2.2.1.2	Review: Test Lab Analysis 1	3.07 hrs	1 day	Fri 10/22/10	Fri 10/22/10	100%	51	Ken Levine[10%],Chris Duffy[20%],Mike Peter[20%]
53		3.2.2.1.3	Test Lab Analysis 2	128 hrs	20 days	Mon 10/25/10	Fri 11/19/10	100%	52	Ken Levine[80%]
54		3.2.2.1.4	Review: Test Lab Analysis 2	3.2 hrs	1 day	Mon 11/22/10	Mon 11/22/10	100%	53	Chris Duffy[20%],Ken Levine[70%],Mike Peter[20%]
55		3.2.2.1.5	Scheduler Modeling Pkg - Test Lab analysis review mods	5.6 hrs	1 day	Tue 11/23/10	Tue 11/23/10	100%	54	Ken Levine[70%]
56		3.2.2.2	**Scheduler Interface Analysis Models**	**93.2 hrs**	**17.29 days**	**Mon 12/13/10**	**Wed 1/5/11**	**100%**		

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ID		WBS	Task Name	Work	Duration	Start	Finish	% Complete	Predecessors	Resource Names
57	■	3.2.2.2.1	Scheduler Interface - Data Processing Analysis	76.6 hrs	14.29 days	Mon 12/13/10	Fri 12/31/10	100%	115	Mike Peter[75%]
58	■	3.2.2.2.2	Review: Scheduler Interface Analysis Models	7.8 hrs	1 day	Fri 12/31/10	Mon 1/3/11	100%	57	Chris Duffy[20%],Ken Levine[10%],Mike Peter[70%]
59	■	3.2.2.2.3	Scheduler Modeling Pkg - Scheduler Interface analysis review mods	8.8 hrs	2 days	Mon 1/3/11	Wed 1/5/11	100%	58	Mike Peter[60%]
60	■	**3.2.2.3**	**Scheduler Core Analysis Models**	**175.8 hrs**	**24 days**	**Fri 12/3/10**	**Wed 1/5/11**	**100%**		
61	■	3.2.2.3.1	Scheduler Core Analysis Iteration 1	76 hrs	10 days	Fri 12/3/10	Thu 12/16/10	100%	55	Ken Levine
62	■	3.2.2.3.2	Review: Scheduler Core Analysis Iteration 1	17 hrs	2 days	Fri 12/17/10	Mon 12/20/10	100%	61	Chris Duffy[20%],Ken Levine,Mike Peter[20%]
63	■	3.2.2.3.3	Scheduler Core Analysis Iteration 2	74.4 hrs	10 days	Tue 12/21/10	Mon 1/3/11	100%	62	Ken Levine
64	■	3.2.2.3.4	Review: Scheduler Core Analysis Iteration 2	8.4 hrs	2 days	Tue 1/4/11	Wed 1/5/11	100%	63	Chris Duffy[20%],Ken Levine,Mike Peter[13%]
65	■	3.2.2.4	*Internal Deliverable: Draft Scheduler Modeling Package*	0 hrs	0 days	Wed 1/5/11	Wed 1/5/11	100%	64	
66	■	**3.2.3**	**MRAP Draft Requirements**	**314.65 hrs**	**41.5 days**	**Wed 1/5/11**	**Thu 3/3/11**	**100%**		
67	■	3.2.3.1	MRAP High-Level Maintenance Process	19.2 hrs	12 days	Wed 1/5/11	Fri 1/21/11	100%	56	Mike Peter[20%]
68	■	3.2.3.2	Review: MRAP High-Level Maintenance Process 1	9.05 hrs	0.5 days	Fri 1/21/11	Fri 1/21/11	100%	67	Chris Duffy,Ken Levine,Mike Peter
69	■	3.2.3.3	Review: MRAP High-Level Maintenance Process 2	18.4 hrs	1 day	Fri 1/21/11	Mon 1/24/11	100%	68	Phil McKenzie,Steve Francis,Mike Peter[30%]
70	■	3.2.3.4	Revise: MRAP High-Level Maintenance Process	4.8 hrs	3 days	Mon 1/24/11	Thu 1/27/11	100%	69	Mike Peter[20%]
71	■	**3.2.3.5**	**MRAP Maintenance Process Modeling**	**63.2 hrs**	**18 days**	**Thu 1/27/11**	**Tue 2/22/11**	**100%**		
72	■	3.2.3.5.1	Shop Administration Process	12 hrs	5 days	Thu 1/27/11	Thu 2/3/11	100%	70	Mike Peter[30%]
73	■	3.2.3.5.2	ERO Process	7.2 hrs	3 days	Thu 2/3/11	Tue 2/8/11	100%	72	Mike Peter[30%]
74	■	3.2.3.5.3	PMCS Planning Process	4.8 hrs	2 days	Tue 2/8/11	Thu 2/10/11	100%	73	Mike Peter[30%]
75	■	3.2.3.5.4	MRAP IWM Optimization Areas	12 hrs	5 days	Thu 2/10/11	Thu 2/17/11	100%	74	Mike Peter[30%]
76	■	3.2.3.5.5	Review: MRAP Maintenance Process Models	22.4 hrs	1 day	Thu 2/17/11	Fri 2/18/11	100%	75	Phil McKenzie[50%],Mike Peter[30%],Steve Francis,Beth Giurelli
77	■	3.2.3.5.6	Revise: MRAP Maintenance Process Models	4.8 hrs	2 days	Fri 2/18/11	Tue 2/22/11	100%	76	Mike Peter[30%]
78	■	**3.2.3.6**	**MRAP Maintenance Work Analysis**	**200 hrs**	**25 days**	**Thu 1/27/11**	**Thu 3/3/11**	**100%**		
79	■	3.2.3.6.1	ERO work analysis	80 hrs	20 days	Thu 1/27/11	Thu 2/24/11	100%	70	Steve Francis[50%]
80	■	3.2.3.6.2	MRAP Maintenance process analysis	80 hrs	20 days	Thu 1/27/11	Thu 2/24/11	100%	70	Steve Francis[50%]
81	■	3.2.3.6.3	Task Analysis slides	40 hrs	5 days	Thu 2/24/11	Thu 3/3/11	100%	79,80	Steve Francis
82	■	3.2.3.7	*Internal Deliverable: Draft MRAP Requirements Package*	0 hrs	0 days	Thu 3/3/11	Thu 3/3/11	100%	71,78	
83		**3.2.4**	**MRAP-Tailored UI Requirements**	**218.4 hrs**	**17 days**	**Thu 3/3/11**	**Mon 3/28/11**	**79%**		
84	■	3.2.4.1	MRAP UI: Planning/Admin Tasks	19.2 hrs	2 days	Thu 3/3/11	Mon 3/7/11	100%	66	Steve Francis,Phil McKenzie[20%]
85	■	3.2.4.2	MRAP UI: Planning/Admin Screens	56 hrs	7 days	Mon 3/7/11	Wed 3/16/11	100%	84	Steve Francis
86	■	3.2.4.3	MRAP UI: Planning/Admin Use Cases	12.8 hrs	8 days	Thu 3/3/11	Tue 3/15/11	100%	66	Mike Peter[20%]
87	■	3.2.4.4	Review: MRAP UI: Planning/Admin	20 hrs	1 day	Tue 3/15/11	Wed 3/16/11	100%	86	Chris Duffy[20%],Sean Williams[20%],Mike Peter[10%],Steve Francis,Phil Mc
88	■	3.2.4.5	Revise: MRAP UI: Planning/Admin	9.6 hrs	1 day	Wed 3/16/11	Thu 3/17/11	100%	87	Steve Francis,Phil McKenzie[20%]
89	■	3.2.4.6	MRAP UI: Scheduling/Admin Tasks	19.2 hrs	2 days	Thu 3/17/11	Mon 3/21/11	100%	88	Steve Francis,Phil McKenzie[20%]
90		3.2.4.7	MRAP UI: Scheduling/Admin Screens	40 hrs	5 days	Mon 3/21/11	Mon 3/28/11	50%	89	Steve Francis
91		3.2.4.8	MRAP UI: Scheduling/Admin Use Cases	12 hrs	5 days	Thu 3/17/11	Thu 3/24/11	50%	88	Mike Peter[30%]
92		3.2.4.9	Review: MRAP UI: Scheduling/Admin	20 hrs	1 day	Thu 3/24/11	Fri 3/25/11	0%	91	Chris Duffy[20%],Sean Williams[20%],Mike Peter[10%],Steve Francis,Phil Mc
93		3.2.4.10	Revise: MRAP UI: Scheduling/Admin	9.6 hrs	1 day	Fri 3/25/11	Mon 3/28/11	0%	92	Steve Francis,Phil McKenzie[20%]
94		3.2.4.11	*Internal Deliverable: Final MRAP-Tailored UI Requirements Package*	0 hrs	0 days	Mon 3/28/11	Mon 3/28/11	0%	93	
95		**3.2.5**	**Web Services Analysis Modeling**	**15.8 hrs**	**4.3 days**	**Thu 3/17/11**	**Thu 3/24/11**	**56%**		
96		3.2.5.1	Domain data web services analysis models	9.6 hrs	3 days	Thu 3/17/11	Tue 3/22/11	80%	88	Nadia Boumaza[10%],Michael Peter[30%]
97		3.2.5.2	Review: Web Services Analysis Models	3 hrs	0.3 days	Tue 3/22/11	Wed 3/23/11	0%	96	Chris Duffy[20%],Mike Peter[10%],Nadia Boumaza
98		3.2.5.3	Web Svcs Modeling Pkg - review analysis mods	3.2 hrs	1 day	Wed 3/23/11	Thu 3/24/11	0%	97	Nadia Boumaza[10%],Mike Peter[30%]
99		3.2.5.4	*Internal Deliverable: Draft Web Services Modeling Package*	0 hrs	0 days	Thu 3/24/11	Thu 3/24/11	0%	98	
100		**3.2.6**	**Reports Requirements**	**38.02 hrs**	**7 days**	**Wed 3/16/11**	**Thu 3/24/11**	**57%**		
101	■	3.2.6.1	Report Framework Matrix	25.6 hrs	4 days	Wed 3/16/11	Mon 3/21/11	100%	262	Chris Duffy[80%]
102	⊞	3.2.6.2	Supervisor Reports Requirements	2.92 hrs	1 day	Tue 3/22/11	Tue 3/22/11	0%	101	Chris Duffy[44%]
103		3.2.6.3	Review: Reports Requirements Package	4 hrs	1 day	Wed 3/23/11	Wed 3/23/11	0%	102	Chris Duffy[20%],Sean Williams[20%],Mike Peter[10%]
104		3.2.6.4	Reports Requirements Pkg - review mods	5.5 hrs	1 day	Thu 3/24/11	Thu 3/24/11	0%	103	Chris Duffy[80%]
105		3.2.6.5	*Internal Deliverable: Final Reports Requirements Package*	0 hrs	0 days	Thu 3/24/11	Thu 3/24/11	0%	104	
106		**3.2.7**	**Software Requirements Documentation**	**153.88 hrs**	**35 days**	**Mon 3/28/11**	**Mon 5/16/11**	**0%**		
107		3.2.7.1	Develop Software Requirements Document	47.35 hrs	10 days	Mon 3/28/11	Mon 4/11/11	0%	44,49,83,95,10(	Mike Peter[30%],Chris Duffy[28%],Nadia Boumaza[50%]
108		3.2.7.2	Sonalysts Review of Software Requirements Document	80 hrs	10 days	Mon 4/11/11	Mon 4/25/11	0%	107	Beth Giurelli
109		3.2.7.3	MLC SRD Updates from Sonalysts Review	13.57 hrs	3 days	Mon 4/25/11	Thu 4/28/11	0%	108	Mike Peter[20%],Chris Duffy[28%],Sean Williams[20%]
110		3.2.7.4	*Deliverable: Submit Final Software Requirements Document*	0 hrs	0 days	Thu 4/28/11	Thu 4/28/11	0%	109	
111		3.2.7.5	MRAP Review/Approval of SRD	4 hrs	10 days	Thu 4/28/11	Thu 5/12/11	0%	110	Phil McKenzie[5%]
112		3.2.7.6	MLC SRD Updates from Govt Review	8.97 hrs	2 days	Thu 5/12/11	Mon 5/16/11	0%	111	Mike Peter[20%],Chris Duffy[28%],Sean Williams[20%]

ID		WBS	Task Name	Work	Duration	Start	Finish	% Complete	Predecessors	Resource Names
113		3.2.7.7	Sign-off: Software Requirements Document	0 hrs	0 days	Mon 5/16/11	Mon 5/16/11	0%	112	
114		3.3	Task 3 - System Design	1,347.37 hrs	148.79 days	Wed 10/27/10	Mon 5/23/11	69%		
115	■	3.3.1	Model Change Design Modeling	341.6 hrs	35 days	Wed 10/27/10	Tue 12/14/10	100%		
116	■	3.3.1.1	Model Change High-Level Design	48 hrs	10 days	Wed 10/27/10	Tue 11/9/10	100%	44	Mike Peter[60%]
117	■	3.3.1.2	Review: Model Change Design	25.6 hrs	2 days	Wed 11/10/10	Thu 11/11/10	100%	116	Chris Duffy[70%],Ken Levine[10%],Mike Peter[80%]
118	■	3.3.1.3	Revise: Model Change Design	12 hrs	3 days	Fri 11/12/10	Tue 11/16/10	100%	117	Mike Peter[50%]
119	■	3.3.1.4	Internal Deliverable: Draft 2 Model Change Use Case Package	0 hrs	0 days	Tue 11/16/10	Tue 11/16/10	100%	118	
120	■	3.3.1.5	Model Change Detailed Design	120 hrs	10 days	Wed 11/17/10	Tue 11/30/10	100%	119	Nadia Boumaza,Mike Peter[50%]
121	■	3.3.1.6	Review: Model Change Detailed Design	96 hrs	5 days	Wed 12/1/10	Tue 12/7/10	100%	120	Chris Duffy[50%],Ken Levine[10%],Mike Peter[80%],Nadia Boumaza
122	■	3.3.1.7	Revise: Model Change Detailed Design	40 hrs	5 days	Wed 12/8/10	Tue 12/14/10	100%	121	Nadia Boumaza
123	■	3.3.1.8	Internal Deliverable: Final Model Change Use Case Package	0 hrs	0 days	Tue 12/14/10	Tue 12/14/10	100%	122	
124	■	3.3.2	Scheduler Enhancement Design Modeling	551.43 hrs	54.71 days	Wed 1/5/11	Tue 3/22/11	100%		
125	■	3.3.2.1	Test Lab Design Models	52.8 hrs	10.71 days	Tue 3/8/11	Tue 3/22/11	100%		
126	■	3.3.2.1.1	Test Lab framework design	42 hrs	7.71 days	Tue 3/8/11	Thu 3/17/11	100%	128	Mike Peter[70%]
127	■	3.3.2.1.2	Scheduler Run Results design	10.8 hrs	3 days	Fri 3/18/11	Tue 3/22/11	100%	126	Ken Levine[45%]
128	■	3.3.2.2	Scheduler Interface Design Models	178.22 hrs	44 days	Wed 1/5/11	Tue 3/8/11	100%		
129	■	3.3.2.2.1	Scheduler Interface Design 1	77.6 hrs	20 days	Wed 1/5/11	Wed 2/2/11	100%	56	Mike Peter[50%]
130	■	3.3.2.2.2	Review: Scheduler Interface Design 1	6.8 hrs	1 day	Wed 2/2/11	Thu 2/3/11	100%	129	Chris Duffy[28%],Ken Levine[10%],Mike Peter[55%]
131	■	3.3.2.2.3	Scheduler Interface Design 2	80 hrs	20 days	Thu 2/3/11	Thu 3/3/11	100%	130	Mike Peter[50%]
132	■	3.3.2.2.4	Review: Scheduler Interface Design 2	5.2 hrs	1 day	Thu 3/3/11	Fri 3/4/11	100%	131	Ken Levine[10%],Mike Peter[55%]
133	■	3.3.2.2.5	Scheduler Interface Modeling Pkg - review mods	8.63 hrs	2 days	Fri 3/4/11	Tue 3/8/11	100%	132	Mike Peter[60%]
134	■	3.3.2.3	Scheduler Core Design Models	320.4 hrs	48 days	Thu 1/6/11	Mon 3/14/11	100%		
135	■	3.3.2.3.1	Scheduler Core Design Iteration 1	108.8 hrs	17 days	Thu 1/6/11	Fri 1/28/11	100%	60	Ken Levine[80%]
136	■	3.3.2.3.2	Review: Scheduler Core Design Iteration 1	17 hrs	2 days	Mon 1/31/11	Tue 2/1/11	100%	135	Chris Duffy[20%],Ken Levine[75%],Mike Peter[20%]
137	■	3.3.2.3.3	Scheduler Core Design Iteration 2	80 hrs	12.5 days	Wed 2/2/11	Fri 2/18/11	100%	136	Ken Levine[80%]
138	■	3.3.2.3.4	Review: Scheduler Core Design Iteration 2	21.8 hrs	2 days	Fri 2/18/11	Tue 2/22/11	100%	137	Chris Duffy[20%],Ken Levine,Mike Peter[20%]
139	■	3.3.2.3.5	Scheduler Core Design Iteration 3	80 hrs	12.5 days	Tue 2/22/11	Thu 3/10/11	100%	138	Ken Levine[80%]
140	■	3.3.2.3.6	Review: Scheduler Core Design Iteration 3	12.8 hrs	2 days	Fri 3/11/11	Mon 3/14/11	100%	139	Ken Levine[80%]
141		3.3.2.4	Internal Deliverable: Final Scheduler Core Modeling Package	0 hrs	0 days	Mon 3/14/11	Mon 3/14/11	100%	140	
142		3.3.3	MRAP-Tailored UI Design	248 hrs	22 days	Mon 3/28/11	Wed 4/27/11	0%		
143		3.3.3.1	MRAP UI Design: Planning/Admin Screens	40 hrs	5 days	Mon 3/28/11	Mon 4/4/11	0%	83	Steve Francis
144		3.3.3.2	MRAP UI Design: Planning/Admin Business Rules	24 hrs	3 days	Mon 4/4/11	Thu 4/7/11	0%	143	Programmer 2
145		3.3.3.3	Review: MRAP UI Design: Planning/Admin	28 hrs	1 day	Thu 4/7/11	Fri 4/8/11	0%	144	Chris Duffy[20%],Sean Williams[20%],Mike Peter[10%],Steve Francis,Phil Mc
146		3.3.3.4	Revise: MRAP UI Design: Planning/Admin	32 hrs	2 days	Fri 4/8/11	Tue 4/12/11	0%	145	Steve Francis,Programmer 2
147		3.3.3.5	MRAP UI Design: Scheduling/Admin Screens	40 hrs	5 days	Tue 4/12/11	Tue 4/19/11	0%	146	Steve Francis
148		3.3.3.6	MRAP UI Design: Scheduling/Admin Business Rules	24 hrs	3 days	Tue 4/19/11	Fri 4/22/11	0%	147	Programmer 2
149		3.3.3.7	Review: MRAP UI Design: Scheduling/Admin	28 hrs	1 day	Fri 4/22/11	Mon 4/25/11	0%	148	Chris Duffy[20%],Sean Williams[20%],Mike Peter[10%],Steve Francis,Phil Mc
150		3.3.3.8	Revise: MRAP UI Design: Scheduling/Admin	32 hrs	2 days	Mon 4/25/11	Wed 4/27/11	0%	149	Steve Francis,Programmer 2
151		3.3.3.9	Internal Deliverable: Final MRAP-Tailored UI Design Package	0 hrs	0 days	Wed 4/27/11	Wed 4/27/11	0%	150	
152		3.3.4	Web Services Design Modeling	48 hrs	7 days	Thu 3/24/11	Mon 4/4/11	0%		
153		3.3.4.1	Domain data web services design models	40 hrs	5 days	Thu 3/24/11	Thu 3/31/11	0%	95	Nadia Boumaza
154		3.3.4.2	Review: Web Services Design Models	4 hrs	1 day	Thu 3/31/11	Fri 4/1/11	0%	153	Chris Duffy[20%],Sean Williams[20%],Mike Peter[10%]
155		3.3.4.3	Web Svcs Modeling Pkg - review design mods	4 hrs	1 day	Fri 4/1/11	Mon 4/4/11	0%	154	Nadia Boumaza[50%]
156		3.3.4.4	Internal Deliverable: Final Web Services Modeling Package	0 hrs	0 days	Mon 4/4/11	Mon 4/4/11	0%	155	
157		3.3.5	Reports Design	90.72 hrs	15 days	Fri 3/25/11	Thu 4/14/11	0%		
158		3.3.5.1	Supervisor Reports Design	31.78 hrs	5 days	Fri 3/25/11	Thu 3/31/11	0%	100	Chris Duffy[80%]
159		3.3.5.2	Custom Reports Design (5 reports)	49.9 hrs	8 days	Fri 4/1/11	Tue 4/12/11	0%	158	Chris Duffy[80%]
160		3.3.5.3	Review: Reports Design Package	2.62 hrs	1 day	Wed 4/13/11	Wed 4/13/11	0%	159	Chris Duffy[20%],Sean Williams[20%],Mike Peter[10%]
161		3.3.5.4	Reports Design Pkg - review mods	6.4 hrs	1 day	Thu 4/14/11	Thu 4/14/11	0%	160	Chris Duffy[80%]
162		3.3.5.5	Internal Deliverable: Final Reports Design Package	0 hrs	0 days	Thu 4/14/11	Thu 4/14/11	0%	161	
163		3.3.6	Detailed Design Documentation	67.63 hrs	18 days	Wed 4/27/11	Mon 5/23/11	0%		
164		3.3.6.1	Develop Detailed Design Document	52 hrs	10 days	Wed 4/27/11	Wed 5/11/11	0%	115,124,142,15	Chris Duffy[30%],Mike Peter[30%],Nadia Boumaza[50%]
165		3.3.6.2	Sonalysts Review of Detailed Design Document	0 hrs	5 days	Wed 5/11/11	Wed 5/18/11	0%	164	
166		3.3.6.3	MLC Updates	15.63 hrs	3 days	Wed 5/18/11	Mon 5/23/11	0%	165	Chris Duffy[30%],Mike Peter[20%],Sean Williams[20%]
167		3.3.6.4	Deliverable: Submit Detailed Design Document	0 hrs	0 days	Mon 5/23/11	Mon 5/23/11	0%	166	
168		3.4	Task 4 - System Development and Configuration	3,211.32 hrs	162 days	Mon 12/20/10	Tue 8/2/11	21%		

ID		WBS	Task Name	Work	Duration	Start	Finish	% Complete	Predecessors	Resource Names
169		**3.4.1**	**Model Change Development**	**942.12 hrs**	**135.33 days**	**Mon 12/20/10**	**Mon 6/27/11**	**49%**		
170	■	3.4.1.1	Draft complete domain model	80 hrs	10 days	Mon 12/20/10	Fri 12/31/10	100%	115	Nadia Boumaza
171	■	3.4.1.2	Domain model package cleanup	168 hrs	20 days	Mon 1/3/11	Fri 1/28/11	100%	170	Nadia Boumaza,Chris Duffy[5%]
172	■	3.4.1.3	Create v4 Application Build tree	40 hrs	5 days	Mon 1/31/11	Fri 2/4/11	100%	171	Nadia Boumaza
173		**3.4.1.4**	**Persistence/Presentation Layers Update**	**342.12 hrs**	**43 days**	**Mon 2/7/11**	**Wed 4/6/11**	**72%**		
174	■	3.4.1.4.1	Update POJOs/CRUD/Schema - Iteration 1	80 hrs	10 days	Mon 2/7/11	Fri 2/18/11	100%	172	Nadia Boumaza
175	■	3.4.1.4.2	Review: POJOs/CRUD/Schema update - Iteration 1	9.12 hrs	1 day	Mon 2/21/11	Mon 2/21/11	100%	174	Nadia Boumaza[38%],Chris Duffy[38%],Mike Peter[38%]
176	■	3.4.1.4.3	Update POJOs/CRUD/Schema - Iteration 2a	48 hrs	6 days	Tue 2/22/11	Tue 3/1/11	100%	175	Nadia Boumaza
177	■	3.4.1.4.4	Build process technology migration	64 hrs	8 days	Wed 3/2/11	Fri 3/11/11	100%	176	Nadia Boumaza
178	■	3.4.1.4.5	Update POJOs/CRUD/Schema - Iteration 2b	48 hrs	6 days	Mon 3/14/11	Mon 3/21/11	100%	177	Nadia Boumaza
179		3.4.1.4.6	Review: POJOs/CRUD/Schema update - Iteration 2	6.5 hrs	1 day	Tue 3/22/11	Tue 3/22/11	0%	178	Nadia Boumaza[38%],Chris Duffy[38%],Mike Peter[38%]
180		3.4.1.4.7	Update POJOs/CRUD/Schema - Iteration 3	80 hrs	10 days	Wed 3/23/11	Tue 4/5/11	0%	179	Nadia Boumaza
181		3.4.1.4.8	Review: POJOs/CRUD/Schema update - Iteration 3	6.5 hrs	1 day	Wed 4/6/11	Wed 4/6/11	0%	180	Nadia Boumaza[38%],Chris Duffy[38%],Mike Peter[38%]
182		**3.4.1.5**	**Model**	**93 hrs**	**12 days**	**Thu 4/7/11**	**Fri 4/22/11**	**0%**		
183		3.4.1.5.1	Finalize Model changes v. MRAP Process workflow	40 hrs	5 days	Thu 4/7/11	Wed 4/13/11	0%	181	Nadia Boumaza
184		3.4.1.5.2	Review: Final Model changes	6.5 hrs	1 day	Thu 4/14/11	Thu 4/14/11	0%	183	Nadia Boumaza[38%],Chris Duffy[38%],Mike Peter[38%]
185		3.4.1.5.3	Finalize POJOs/CRUD/Schema - Model changes	40 hrs	5 days	Fri 4/15/11	Thu 4/21/11	0%	184	Nadia Boumaza
186		3.4.1.5.4	Review: POJOs/CRUD/Schema update - Model changes	6.5 hrs	1 day	Fri 4/22/11	Fri 4/22/11	0%	185	Nadia Boumaza[38%],Chris Duffy[38%],Mike Peter[38%]
187		**3.4.1.6**	**Agents**	**219 hrs**	**45.33 days**	**Mon 4/25/11**	**Mon 6/27/11**	**0%**		
188		3.4.1.6.1	Update Planner Agent to new Model	44 hrs	10 days	Mon 4/25/11	Fri 5/6/11	0%	182	Nadia Boumaza[50%],Mike Peter[5%]
189		3.4.1.6.2	Update JSM Agent to new Model	44 hrs	10 days	Mon 5/9/11	Fri 5/20/11	0%	188	Nadia Boumaza[50%],Mike Peter[5%]
190		3.4.1.6.3	Update ShiftManager Agent to new Model	44 hrs	10 days	Mon 5/23/11	Fri 6/3/11	0%	189	Nadia Boumaza[50%],Mike Peter[5%]
191		3.4.1.6.4	Review: Agent Object update	3 hrs	0.33 days	Mon 6/6/11	Mon 6/6/11	0%	190	Nadia Boumaza[38%],Chris Duffy[38%],Mike Peter[38%]
192		3.4.1.6.5	Update Planner Agent Logic	84 hrs	15 days	Mon 6/6/11	Mon 6/27/11	0%	191	Mike Peter[70%]
193		**3.4.2**	**Scheduler Enhancement Development**	**979.2 hrs**	**105.71 days**	**Tue 3/8/11**	**Tue 8/2/11**	**17%**		
194		**3.4.2.1**	**Test Lab**	**363.6 hrs**	**74.71 days**	**Tue 3/8/11**	**Mon 6/20/11**	**27%**		
195	■	3.4.2.1.1	Algorithm Library	1.6 hrs	4 hrs	Tue 3/8/11	Tue 3/8/11	100%	128	Ken Levine[40%]
196	■	3.4.2.1.2	Data Sets	9.6 hrs	24 hrs	Tue 3/8/11	Fri 3/11/11	100%	195	Ken Levine[40%]
197	■	3.4.2.1.3	Logging	2 hrs	5 hrs	Fri 3/11/11	Mon 3/14/11	100%	196	Ken Levine[40%]
198		**3.4.2.1.4**	**Test Lab Scheduler**	**86.4 hrs**	**27 days**	**Mon 3/14/11**	**Wed 4/20/11**	**30%**		
199	■	3.4.2.1.4.1	Wrapper for Scheduler	25.6 hrs	8 days	Mon 3/14/11	Thu 3/24/11	100%	197	Ken Levine[40%]
200		3.4.2.1.4.2	Results Schema	3.2 hrs	1 day	Thu 3/24/11	Fri 3/25/11	0%	199	Ken Levine[40%]
201		3.4.2.1.4.3	Test Lab Data Sets processing	25.6 hrs	8 days	Fri 3/25/11	Wed 4/6/11	0%	200	Ken Levine[40%]
202		3.4.2.1.4.4	Test Lab Algorithm processing	25.6 hrs	8 days	Wed 4/6/11	Mon 4/18/11	0%	201	Ken Levine[40%]
203		3.4.2.1.4.5	Test Lab Reports generation	6.4 hrs	2 days	Mon 4/18/11	Wed 4/20/11	0%	202	Ken Levine[40%]
204		**3.4.2.1.5**	**Test Lab Data**	**264 hrs**	**70 days**	**Tue 3/15/11**	**Mon 6/20/11**	**24%**		
205	■	3.4.2.1.5.1	Test Lab Data Set Creation 1	80 hrs	25 days	Tue 3/15/11	Mon 4/18/11	100%	134	Ken Levine[40%]
206		3.4.2.1.5.2	Test Lab Data Set Creation 2	38.4 hrs	12 days	Tue 4/19/11	Wed 5/4/11	0%	205	Ken Levine[40%]
207		3.4.2.1.5.3	Test Lab Algos Creation 1	38.4 hrs	12 days	Thu 5/5/11	Fri 5/20/11	0%	206	Ken Levine[40%]
208		3.4.2.1.5.4	Test Lab Algos Creation 2	51.2 hrs	16 days	Mon 5/23/11	Mon 6/13/11	0%	207	Ken Levine[40%]
209		3.4.2.1.5.5	Test Lab Support	56 hrs	70 days	Tue 3/15/11	Mon 6/20/11	10%	134	Mike Peter[10%]
210		**3.4.2.2**	**Scheduler Interface**	**204 hrs**	**25 days**	**Wed 5/11/11**	**Wed 6/15/11**	**0%**		
211		**3.4.2.2.1**	**Pre/Post Data Processing**	**120 hrs**	**17.21 days**	**Wed 5/11/11**	**Fri 6/3/11**	**0%**		
212		3.4.2.2.1.1	Object Transformations	40 hrs	10 days	Mon 5/23/11	Fri 6/3/11	0%	189	Nadia Boumaza[50%]
213		3.4.2.2.1.2	Metrics Capture & Logging	80 hrs	10 days	Wed 5/11/11	Wed 5/25/11	0%	164	Nadia Boumaza
214		3.4.2.2.2	Scheduler Interface Internal Logic	84 hrs	15 days	Wed 5/25/11	Wed 6/15/11	0%	213,189	Mike Peter[70%]
215		**3.4.2.3**	**Scheduler Core**	**411.6 hrs**	**101 days**	**Tue 3/15/11**	**Tue 8/2/11**	**8%**		
216		3.4.2.3.1	Initial coding - Scheduler Core framework	144 hrs	40 days	Tue 3/15/11	Mon 5/9/11	20%	134	Ken Levine[45%]
217		3.4.2.3.2	Data model - incl. tasks/resources pt 1	64.8 hrs	18 days	Tue 5/10/11	Thu 6/2/11	0%	216	Ken Levine[45%]
218		3.4.2.3.3	Data model - incl. tasks/resources pt 2	64.8 hrs	18 days	Fri 6/3/11	Tue 6/28/11	0%	217	Ken Levine[45%]
219		3.4.2.3.4	Scheduler Core Objectives/Constraints	68 hrs	10 days	Wed 6/29/11	Tue 7/12/11	0%	218	Ken Levine[85%]
220		3.4.2.3.5	Scheduler Core Optimization	18 hrs	5 days	Wed 7/20/11	Tue 7/26/11	0%	222	Ken Levine[45%]
221		**3.4.2.3.6**	**Scheduler Core Search**	**52 hrs**	**15 days**	**Wed 7/13/11**	**Tue 8/2/11**	**0%**		
222		3.4.2.3.6.1	Scheduler Core Search algorithm	34 hrs	5 days	Wed 7/13/11	Tue 7/19/11	0%	219	Ken Levine[85%]
223		3.4.2.3.6.2	Scheduler Core Search Optimization	18 hrs	5 days	Wed 7/27/11	Tue 8/2/11	0%	220	Ken Levine[45%]
224		**3.4.3**	**MRAP-Tailored UI Development**	**528 hrs**	**48 days**	**Wed 4/27/11**	**Mon 7/4/11**	**0%**		

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ID		WBS	Task Name	Work	Duration	Start	Finish	% Complete	Predecessors	Resource Names
225		3.4.3.1	MRAP UI Dev: Planning/Admin Screens	96 hrs	10 days	Wed 4/27/11	Wed 5/11/11	0%	142	Programmer 2,Steve Francis[20%]
226		3.4.3.2	MRAP UI Dev: Planning/Admin Logic	96 hrs	10 days	Wed 5/11/11	Wed 5/25/11	0%	225	Programmer 2,Steve Francis[20%]
227		3.4.3.3	Review: MRAP UI Dev: Planning/Admin	24 hrs	1 day	Wed 5/25/11	Thu 5/26/11	0%	226	Phil McKenzie,Steve Francis,Beth Giurelli
228		3.4.3.4	Revise: MRAP UI Dev: Planning/Admin	48 hrs	3 days	Thu 5/26/11	Tue 5/31/11	0%	227	Steve Francis,Programmer 2
229		3.4.3.5	MRAP UI Dev: Scheduling/Admin Screens	96 hrs	10 days	Tue 5/31/11	Tue 6/14/11	0%	228	Programmer 2,Steve Francis[20%]
230		3.4.3.6	MRA UI Dev: Scheduling/Admin Logic	96 hrs	10 days	Tue 6/14/11	Tue 6/28/11	0%	229	Programmer 2,Steve Francis[20%]
231		3.4.3.7	Review: MRAP UI Dev: Scheduling/Admin	24 hrs	1 day	Tue 6/28/11	Wed 6/29/11	0%	230	Phil McKenzie,Steve Francis,Beth Giurelli
232		3.4.3.8	Revise: MRAP UI Dev: Scheduling/Admin	48 hrs	3 days	Wed 6/29/11	Mon 7/4/11	0%	231	Steve Francis,Programmer 2
233		**3.4.4**	**Web Services Development**	**280 hrs**	**35 days**	**Mon 4/4/11**	**Mon 5/23/11**	**0%**		
234		3.4.4.1	WS: AssetTemplate	40 hrs	40 hrs	Mon 4/4/11	Mon 4/11/11	0%	152	Nadia Boumaza
235		3.4.4.2	WS: TaskTemplate	40 hrs	40 hrs	Mon 4/11/11	Mon 4/18/11	0%	234	Nadia Boumaza
236		3.4.4.3	WS: Assets/Locations	40 hrs	40 hrs	Mon 4/18/11	Mon 4/25/11	0%	235	Nadia Boumaza
237		3.4.4.4	WS: Roles/Proficiencies	40 hrs	40 hrs	Mon 4/25/11	Mon 5/2/11	0%	236	Nadia Boumaza
238		3.4.4.5	WS: Jobs	40 hrs	40 hrs	Mon 5/2/11	Mon 5/9/11	0%	237	Nadia Boumaza
239		3.4.4.6	WS: Tasks	40 hrs	40 hrs	Mon 5/9/11	Mon 5/16/11	0%	238	Nadia Boumaza
240		3.4.4.7	WS: Organizations	20 hrs	20 hrs	Mon 5/16/11	Wed 5/18/11	0%	239	Nadia Boumaza
241		3.4.4.8	WS: Workers	20 hrs	20 hrs	Wed 5/18/11	Mon 5/23/11	0%	240	Nadia Boumaza
242		**3.4.5**	**Reports Development**	**482 hrs**	**38.75 days**	**Wed 4/13/11**	**Mon 6/6/11**	**0%**		
243		3.4.5.1	Dashboard installation	40 hrs	50 hrs	Wed 4/13/11	Thu 4/21/11	0%	159	Chris Duffy[40%],Programmer 2
244		3.4.5.2	Supervisor Reports	136 hrs	80 hrs	Thu 4/21/11	Thu 5/5/11	0%	243	Chris Duffy[70%],Programmer 2
245		3.4.5.3	Administrative Reports	136 hrs	80 hrs	Thu 5/5/11	Thu 5/19/11	0%	244	Chris Duffy[70%],Programmer 2
246		3.4.5.4	Custom Reports (5 reports, 20hr per report)	170 hrs	100 hrs	Thu 5/19/11	Mon 6/6/11	0%	245	Chris Duffy[70%],Programmer 2
247		**3.5**	**Task 5 - System Testing**	**2,817.78 hrs**	**254.22 days**	**Fri 9/24/10**	**Thu 9/15/11**	**60%**		
248	■	**3.5.1**	**System Test Plan Documentation**	**456 hrs**	**90 days**	**Wed 10/20/11**	**Wed 2/23/11**	**100%**		
249	■	3.5.1.1	Develop System Test Plan	345.6 hrs	72 days	Wed 10/20/10	Fri 1/28/11	100%		Sean Williams[40%],Chris Duffy[20%]
250	■	3.5.1.2	MLC Review: System Test Plan	9.6 hrs	3 days	Fri 1/28/11	Wed 2/2/11	100%	249	Ken Levine[10%],Nadia Boumaza[10%],Chris Duffy[10%],Mike Peter[10%]
251	■	3.5.1.3	Revise: System Test Plan	14.4 hrs	3 days	Wed 2/2/11	Mon 2/7/11	100%	250	Sean Williams[40%],Chris Duffy[20%]
252	■	3.5.1.4	Sonalysts Review of System Test Plan	80 hrs	10 days	Mon 2/7/11	Mon 2/21/11	100%	251	Beth Giurelli
253	■	3.5.1.5	MLC Updates - Test Plan	6.4 hrs	2 days	Mon 2/21/11	Wed 2/23/11	100%	252	Sean Williams[40%]
254	■	3.5.1.6	**Deliverable: Submit Final System Test Plan**	0 hrs	0 days	Wed 2/23/11	Wed 2/23/11	100%	253	
255		**3.5.2**	**Test Framework Setup**	**612.18 hrs**	**174.34 days**	**Fri 9/24/10**	**Thu 5/26/11**	**75%**		
256	■	**3.5.2.1**	**Automated Regression Testing Framework**	**489.78 hrs**	**123 days**	**Fri 9/24/10**	**Tue 3/15/11**	**100%**		
257	■	3.5.2.1.1	ARTF: Common Library	104.6 hrs	20 days	Fri 9/24/10	Mon 10/25/10	100%	2	Chris Duffy[70%]
258	■	3.5.2.1.2	ARTF: Execution Monitor	115.87 hrs	18 days	Tue 10/26/10	Thu 11/18/10	100%	257	Chris Duffy[85%]
259	■	3.5.2.1.3	ARTF: Screen invocation functions	86.83 hrs	16 days	Fri 11/19/10	Fri 12/10/10	100%	258	Chris Duffy[85%]
260	■	3.5.2.1.4	ARTF: Screen navigation functions	91.08 hrs	30 days	Mon 12/13/10	Fri 1/21/11	100%	259	Chris Duffy[40%]
261	■	3.5.2.1.5	ARTF: Screen action functions	83.03 hrs	25 days	Mon 1/24/11	Fri 2/25/11	100%	260	Chris Duffy[50%]
262	■	3.5.2.1.6	ARTF: Build integration	8.35 hrs	5 days	Wed 3/9/11	Tue 3/15/11	100%	261	Chris Duffy[26%]
263		**3.5.2.2**	**Web Service Testing Framework**	**122.4 hrs**	**38.25 days**	**Mon 4/4/11**	**Thu 5/26/11**	**0%**		
264		3.5.2.2.1	WSTF: Common Library	16.8 hrs	42 hrs	Mon 4/4/11	Mon 4/11/11	0%	152	Chris Duffy[40%]
265		3.5.2.2.2	WSTF: AssetTemplates/TaskTemplates	16.8 hrs	42 hrs	Mon 4/11/11	Mon 4/18/11	0%	264	Chris Duffy[40%]
266		3.5.2.2.3	WSTF: Assets/Locations/Roles/Proficiencies	16.8 hrs	42 hrs	Mon 4/18/11	Mon 4/25/11	0%	265	Chris Duffy[40%]
267		3.5.2.2.4	WSTF: Jobs	22.4 hrs	56 hrs	Mon 4/25/11	Wed 5/4/11	0%	266	Chris Duffy[40%]
268		3.5.2.2.5	WSTF: Tasks	16.8 hrs	42 hrs	Wed 5/4/11	Thu 5/12/11	0%	267	Chris Duffy[40%]
269		3.5.2.2.6	WSTF: Organizations	16.8 hrs	42 hrs	Thu 5/12/11	Thu 5/19/11	0%	268	Chris Duffy[40%]
270		3.5.2.2.7	WSTF: Workers	16 hrs	40 hrs	Thu 5/19/11	Thu 5/26/11	0%	269	Chris Duffy[40%]
271		**3.5.3**	**Test Case Preparation**	**562.2 hrs**	**163.06 days**	**Wed 10/20/10**	**Mon 6/6/11**	**58%**		
272	■	**3.5.3.1**	**Regression Suite Test Cases**	**240 hrs**	**65 days**	**Wed 10/20/10**	**Wed 1/19/11**	**100%**		
273	■	3.5.3.1.1	RSTC: Section "Define" Test Cases	80 hrs	25 days	Wed 10/20/10	Wed 11/24/10	100%		Sean Williams[40%]
274	■	3.5.3.1.2	RSTC: Section "Implement" Test Cases	80 hrs	20 days	Wed 11/24/10	Wed 12/22/10	100%	273	Sean Williams[50%]
275	■	3.5.3.1.3	RSTC: Section "Control" Test Cases	80 hrs	20 days	Wed 12/22/10	Wed 1/19/11	100%	274	Sean Williams[50%]
276	■	3.5.3.1.4	*Internal Deliverable: Regression Suite Test Cases*	0 hrs	0 days	Wed 1/19/11	Wed 1/19/11	100%	275	
277		**3.5.3.2**	**MRAP-Tailored UI Test Cases**	**73.6 hrs**	**11.11 days**	**Wed 4/27/11**	**Thu 5/12/11**	**0%**		
278		3.5.3.2.1	MRAP-Tailored Supervisor Screens Test Cases	37.6 hrs	5.56 days	Wed 4/27/11	Thu 5/5/11	0%	142	Sean Williams[90%]
279		3.5.3.2.2	MRAP-Tailored Personnel ScreensTest Cases	36 hrs	5.56 days	Thu 5/5/11	Thu 5/12/11	0%	278	Sean Williams[90%]
280		3.5.3.2.3	*Internal Deliverable: MRAP-Tailored UI Test Cases*	0 hrs	0 days	Thu 5/12/11	Thu 5/12/11	0%	279	

ID		WBS	Task Name	Work	Duration	Start	Finish	% Complete	Predecessors	Resource Names
281		3.5.3.3	**Web Services Test Cases**	**110.4 hrs**	**16.67 days**	**Thu 5/12/11**	**Mon 6/6/11**	0%		
282		3.5.3.3.1	WSTC: Design AssetTemplate/TaskTemplate Test Cases	17.2 hrs	21.34 hrs	Thu 5/12/11	Tue 5/17/11	0%	277	Sean Williams[90%]
283		3.5.3.3.2	WSTC: Design Asset Test Cases	14 hrs	22.22 hrs	Tue 5/17/11	Fri 5/20/11	0%	282	Sean Williams[90%]
284		3.5.3.3.3	WSTC: Design Job Test Cases	19.2 hrs	21.33 hrs	Fri 5/20/11	Wed 5/25/11	0%	283	Sean Williams[90%]
285		3.5.3.3.4	WSTC: Design Task Test Cases	20 hrs	22.22 hrs	Wed 5/25/11	Mon 5/30/11	0%	284	Sean Williams[90%]
286		3.5.3.3.5	WSTC: Design Organization Test Cases	20 hrs	22.22 hrs	Mon 5/30/11	Wed 6/1/11	0%	285	Sean Williams[90%]
287		3.5.3.3.6	WSTC: Design Worker Test Cases	20 hrs	22.22 hrs	Wed 6/1/11	Mon 6/6/11	0%	286	Sean Williams[90%]
288		3.5.3.3.7	*Internal Deliverable: Web Services Test Cases*	0 hrs	0 days	Mon 6/6/11	Mon 6/6/11	0%	287	
289		3.5.3.4	**Reports Test Cases**	**138.2 hrs**	**20 days**	**Fri 4/15/11**	**Thu 5/12/11**	**0%**		
290		3.5.3.4.1	Supervisor Reports Test Cases	36 hrs	5 days	Fri 4/15/11	Thu 4/21/11	0%	157	Sean Williams[90%]
291		3.5.3.4.2	Administrative Reports Test Cases	32.6 hrs	5 days	Fri 4/22/11	Thu 4/28/11	0%	290	Sean Williams[90%]
292		3.5.3.4.3	Custom Reports Test Cases (5 reports)	69.6 hrs	10 days	Fri 4/29/11	Thu 5/12/11	0%	291	Sean Williams[90%]
293		3.5.3.4.4	*Internal Deliverable: Reports Test Cases*	0 hrs	0 days	Thu 5/12/11	Thu 5/12/11	0%	292	
294		3.5.4	**Test Script Preparation**	**674.4 hrs**	**122.4 days**	**Wed 1/19/11**	**Fri 7/8/11**	**47%**		
295		3.5.4.1	**Regression Suite Scripts**	**355.2 hrs**	**50 days**	**Wed 1/19/11**	**Wed 3/30/11**	**85%**		
296	■	3.5.4.1.1	Section "Define" Test Scripts	139.2 hrs	20 days	Wed 1/19/11	Wed 2/16/11	100%	272	Sean Williams[90%]
297	■	3.5.4.1.2	Section "Implement" Test Scripts	108 hrs	15 days	Wed 2/16/11	Wed 3/9/11	100%	296	Sean Williams[90%]
298		3.5.4.1.3	Section "Control" Test Scripts	108 hrs	15 days	Wed 3/9/11	Wed 3/30/11	50%	297	Sean Williams[90%]
299		3.5.4.1.4	*Internal Deliverable: Regression Test Scripts*	0 hrs	0 days	Wed 3/30/11	Wed 3/30/11	0%	298	
300		3.5.4.2	**MRAP-Tailored UI Test Scripts**	**72 hrs**	**10 days**	**Thu 5/12/11**	**Thu 5/26/11**	**0%**		
301		3.5.4.2.1	MRAP-Tailored Supervisor ScreensTest Scripts	36 hrs	5 days	Thu 5/12/11	Thu 5/19/11	0%	277	Sean Williams[90%]
302		3.5.4.2.2	MRAP-Tailored Worker ScreensTest Scripts	36 hrs	5 days	Thu 5/19/11	Thu 5/26/11	0%	301	Sean Williams[90%]
303		3.5.4.2.3	*Internal Deliverable: MRAP-Tailored UI Test Scripts*	0 hrs	0 days	Thu 5/26/11	Thu 5/26/11	0%	302	
304		3.5.4.3	**Web Services Test Scripts**	**139.2 hrs**	**16 days**	**Thu 5/26/11**	**Fri 6/17/11**	**0%**		
305		3.5.4.3.1	Develop Asset Template/Task Template Test Scripts	27.6 hrs	3 days	Thu 5/26/11	Tue 5/31/11	0%	300	Sean Williams[90%],Chris Duffy[25%]
306		3.5.4.3.2	Develop Asset Test Scripts	27.6 hrs	3 days	Tue 5/31/11	Fri 6/3/11	0%	305	Sean Williams[90%],Chris Duffy[25%]
307		3.5.4.3.3	Develop Job Test Scripts	27.6 hrs	3 days	Fri 6/3/11	Wed 6/8/11	0%	306	Sean Williams[90%],Chris Duffy[25%]
308		3.5.4.3.4	Develop Task Test Scripts	27.6 hrs	3 days	Wed 6/8/11	Mon 6/13/11	0%	307	Sean Williams[90%],Chris Duffy[25%]
309		3.5.4.3.5	Develop Organization Test Scripts	14.4 hrs	2 days	Mon 6/13/11	Wed 6/15/11	0%	308	Sean Williams[90%]
310		3.5.4.3.6	Develop Worker Test Scripts	14.4 hrs	2 days	Wed 6/15/11	Fri 6/17/11	0%	309	Sean Williams[90%]
311		3.5.4.3.7	*Internal Deliverable: Web Services Test Scripts*	0 hrs	0 days	Fri 6/17/11	Fri 6/17/11	0%	310	
312		3.5.4.4	**Reports Test Scripts**	**108 hrs**	**15 days**	**Fri 6/17/11**	**Fri 7/8/11**	**0%**		
313		3.5.4.4.1	Supervisor Reports Test Scripts	36 hrs	5 days	Fri 6/17/11	Fri 6/24/11	0%	304	Sean Williams[90%]
314		3.5.4.4.2	Administrative Reports Test Scripts	36 hrs	5 days	Fri 6/24/11	Fri 7/1/11	0%	313	Sean Williams[90%]
315		3.5.4.4.3	Custom Reports Test Scripts (5 reports)	36 hrs	5 days	Fri 7/1/11	Fri 7/8/11	0%	314	Sean Williams[90%]
316		3.5.4.4.4	*Internal Deliverable: Reports Test Scripts*	0 hrs	0 days	Fri 7/8/11	Fri 7/8/11	0%	315	
317		3.5.4.5	*Internal Deliverable: Final Test Scripts*	0 hrs	0 days	Fri 6/17/11	Fri 6/17/11	0%	304	
318		3.5.5	**Perform Scheduler Testing**	**92 hrs**	**10 days**	**Wed 8/3/11**	**Tue 8/16/11**	**0%**		
319		3.5.5.1	Test execution and run analysis pt 1	36 hrs	5 days	Wed 8/3/11	Tue 8/9/11	0%	193	Ken Levine[90%]
320		3.5.5.2	Test support	8 hrs	5 days	Wed 8/3/11	Tue 8/9/11	0%	193	Mike Peter[20%]
321		3.5.5.3	Test execution and run analysis pt 2	36 hrs	5 days	Wed 8/10/11	Tue 8/16/11	0%	319	Ken Levine[90%]
322		3.5.5.4	Test support	12 hrs	5 days	Wed 8/10/11	Tue 8/16/11	0%	319	Mike Peter[30%]
323		3.5.6	**Perform Integration Testing**	**11.2 hrs**	**2 days**	**Wed 8/3/11**	**Thu 8/4/11**	**0%**		
324		3.5.6.1	Web Services Integration (Internal)	11.2 hrs	2 days	Wed 8/3/11	Thu 8/4/11	0%	294,168	Sean Williams[90%]
325		3.5.7	**Perform System Testing**	**297 hrs**	**14.22 days**	**Wed 8/3/11**	**Tue 8/23/11**	**0%**		
326		3.5.7.1	Confirm Readiness of Application for System Testing	8 hrs	0.83 days	Wed 8/3/11	Wed 8/3/11	0%	294,168	Chris Duffy[80%],Mike Peter[50%]
327		3.5.7.2	Establish System Test Defect and Resolution Log	1 hr	0.28 days	Wed 8/3/11	Thu 8/4/11	0%	326	Sean Williams[90%]
328		3.5.7.3	Perform System Testing	72 hrs	10 days	Fri 8/5/11	Thu 8/18/11	0%	323	Sean Williams[90%]
329		3.5.7.4	Review Test Results	40 hrs	10 days	Fri 8/5/11	Thu 8/18/11	0%	323	Chris Duffy[50%]
330		3.5.7.5	Modify Application Software as Required	160 hrs	10 days	Fri 8/5/11	Thu 8/18/11	0%	323	Nadia Boumaza,Programmer 2
331		3.5.7.6	Regression Test	16 hrs	2.22 days	Fri 8/19/11	Tue 8/23/11	0%	328	Sean Williams[90%]
332		3.5.8	**Perform External Interface Testing**	**31.2 hrs**	**3 days**	**Tue 8/23/11**	**Fri 8/26/11**	**0%**		
333		3.5.8.1	Domain data web services	7.2 hrs	1 day	Tue 8/23/11	Wed 8/24/11	0%	325	Sean Williams[90%]
334		3.5.8.2	External Interface Software Modification	24 hrs	3 days	Tue 8/23/11	Fri 8/26/11	0%	325	Nadia Boumaza
335		3.5.9	**Perform Reports Testing**	**38.4 hrs**	**6 days**	**Tue 8/23/11**	**Wed 8/31/11**	**0%**		
336		3.5.9.1	Supervisor Reports	12.8 hrs	2 days	Tue 8/23/11	Thu 8/25/11	0%	325	Chris Duffy[80%]

ID		WBS	Task Name	Work	Duration	Start	Finish	% Complete	Predecessors	Resource Names
337		3.5.9.2	Administrative Reports	12.8 hrs	2 days	Thu 8/25/11	Mon 8/29/11	0%	336	Chris Duffy[80%]
338		3.5.9.3	Custom Reports	12.8 hrs	2 days	Mon 8/29/11	Wed 8/31/11	0%	337	Chris Duffy[80%]
339		**3.5.10**	**System Test Results Documentation**	**43.2 hrs**	**11 days**	**Wed 8/31/11**	**Thu 9/15/11**	**0%**		
340		3.5.10.1	Develop System Test Results Document	36 hrs	5 days	Wed 8/31/11	Wed 9/7/11	0%	332,335,318	Sean Williams[90%]
341		3.5.10.2	Sonalysts Review of System Test Results Document	0 hrs	5 days	Wed 9/7/11	Wed 9/14/11	0%	340	
342		3.5.10.3	MLC Updates to Test Results Document	7.2 hrs	1 day	Wed 9/14/11	Thu 9/15/11	0%	341	Sean Williams[90%]
343		3.5.10.4	**Deliverable: Submit Final System Test Results Document**	0 hrs	0 days	Thu 9/15/11	Thu 9/15/11	0%	342	