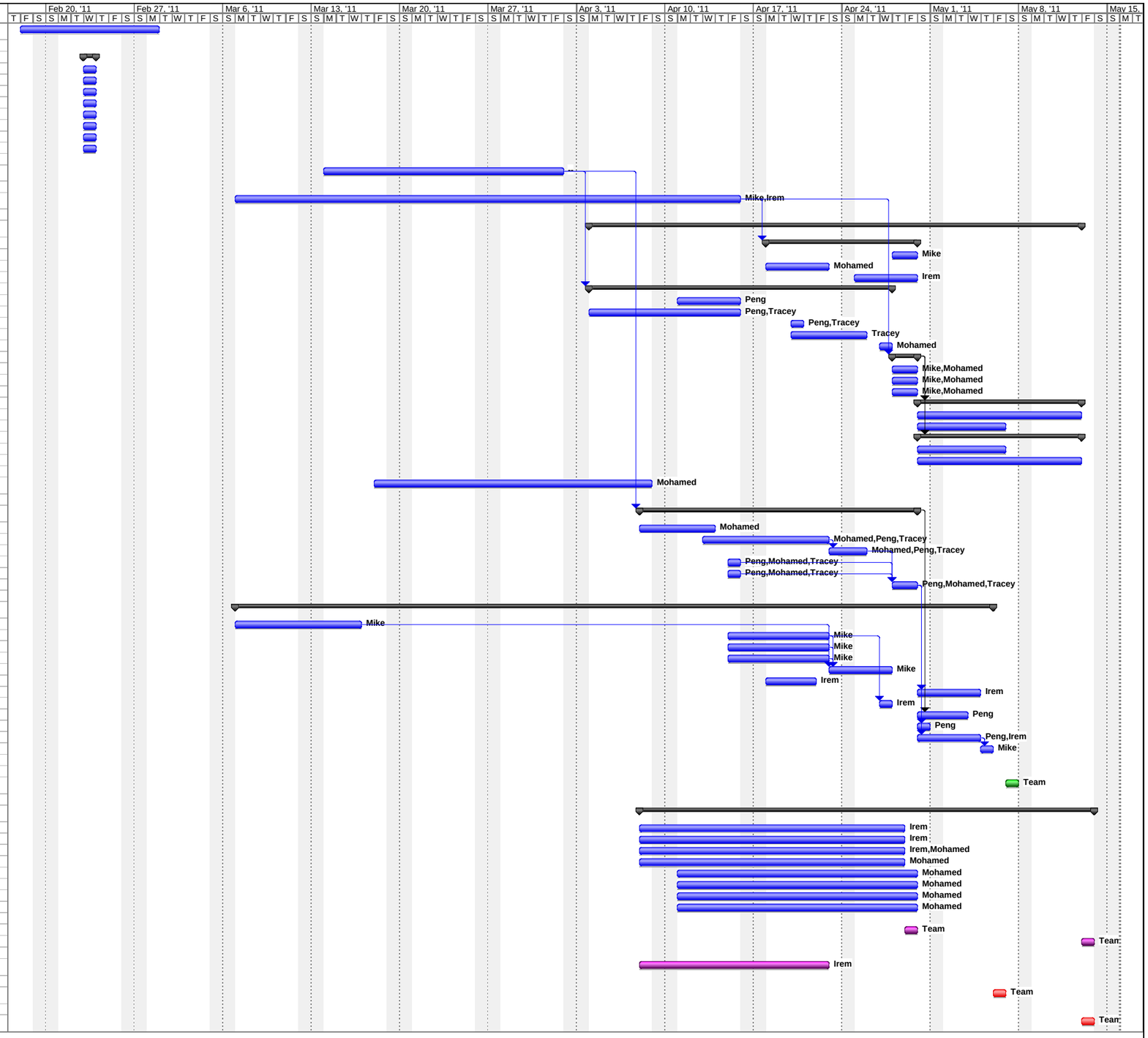
ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1	**Confirm Project Porposal**	7 days	Fri 2/18/11	Mon 2/28/11		
2						
3	**Order parts**	**1 day**	**Wed 2/23/11**	**Wed 2/23/11**		**Team**
4	RFID chips	1 day	Wed 2/23/11	Wed 2/23/11		
5	RFID reader	1 day	Wed 2/23/11	Wed 2/23/11		
6	GPS receivers	1 day	Wed 2/23/11	Wed 2/23/11		
7	accelerometers	1 day	Wed 2/23/11	Wed 2/23/11		
8	Processor/computer interface	1 day	Wed 2/23/11	Wed 2/23/11		
9	circuit boards	1 day	Wed 2/23/11	Wed 2/23/11		
10	RFID reader antenna	1 day	Wed 2/23/11	Wed 2/23/11		
11	Misc. Items	1 day	Wed 2/23/11	Wed 2/23/11		
12						
13	Delivery time for components ordered	15 days	Mon 3/14/11	Fri 4/1/11		--
14						
15	Obtain GPS data from RTS	30 days	Mon 3/7/11	Fri 4/15/11		Mike,Irem
16						
17	**Testing**	**32 days**	**Mon 4/4/11**	**Thu 5/12/11**		
18	**Test GPS accuracy (bus module)**	**11 days**	**Mon 4/18/11**	**Fri 4/29/11**	15	**Mike,Irem,Mohamed**
19	Error Margin test	2 days	Thu 4/28/11	Fri 4/29/11		**Mike**
20	Time-delay testing	5 days	Mon 4/18/11	Fri 4/22/11		**Mohamed**
21	GPS error estimation	5 days	Mon 4/25/11	Fri 4/29/11		**Irem**
22	**Test RFID accuracy (with P11016)**	**19 days**	**Mon 4/4/11**	**Wed 4/27/11**	13	**Peng,Tracey,Mohamed**
23	range testing	5 days	Mon 4/11/11	Fri 4/15/11		**Peng**
24	compatibility testing	10 days	Mon 4/4/11	Fri 4/15/11		**Peng,Tracey**
25	accuracy testing	1 day	Wed 4/20/11	Wed 4/20/11		**Peng,Tracey**
26	Data Analysis	5 days	Wed 4/20/11	Mon 4/25/11		**Tracey**
27	Installation	1 day	Wed 4/27/11	Wed 4/27/11		**Mohamed**
28	**Test vector accuracy for GPS**	**2 days**	**Thu 4/28/11**	**Fri 4/29/11**	15	**Mike,Mohamed**
29	field testing	2 days	Thu 4/28/11	Fri 4/29/11		**Mike,Mohamed**
30	Error calculation	2 days	Thu 4/28/11	Fri 4/29/11		**Mike,Mohamed**
31	Error correction	2 days	Thu 4/28/11	Fri 4/29/11		**Mike,Mohamed**
32	**Test single bus**	**11 days**	**Sat 4/30/11**	**Thu 5/12/11**	28	**Team**
33	time delay between GPS notification and arrival at stop	11 days	Sat 4/30/11	Thu 5/12/11		
34	field testing	6 days	Sat 4/30/11	Fri 5/6/11		
35	**Test multiple buses**	**11 days**	**Sat 4/30/11**	**Thu 5/12/11**	28	**Team**
36	Field testing	6 days	Sat 4/30/11	Fri 5/6/11		
37	time delay between GPS notification and arrival at stop	11 days	Sat 4/30/11	Thu 5/12/11		
38						
39	**Bus stop time estimation**	16 days	Fri 3/18/11	Fri 4/8/11		**Mohamed**
40						
41	**Accelerometer and compass Testing**	**17 days**	**Fri 4/8/11**	**Fri 4/29/11**	13	
42	Derive correction equation for roll, yaw ad pitch	4 days	Fri 4/8/11	Wed 4/13/11		**Mohamed**
43	test functionality	8 days	Wed 4/13/11	Fri 4/22/11		**Mohamed,Peng,Tracey**
44	error calculation	2 days	Sat 4/23/11	Mon 4/25/11	43	**Mohamed,Peng,Tracey**
45	Accelerometer Calibration	1 day	Fri 4/15/11	Fri 4/15/11		**Peng,Mohamed,Tracey**
46	Gyroscope calibration	1 day	Fri 4/15/11	Fri 4/15/11		**Peng,Mohamed,Tracey**
47	path correction algorithm testing	2 days	Thu 4/28/11	Fri 4/29/11	44,45	**Peng,Mohamed,Tracey**
48						
49	**Build system**	**46 days**	**Mon 3/7/11**	**Thu 5/5/11**		
50	Vector creation code	8 days	Mon 3/7/11	Wed 3/16/11		**Mike**
51	Finalize server setup	6 days	Fri 4/15/11	Fri 4/22/11		**Mike**
52	Debug server communication code	6 days	Fri 4/15/11	Fri 4/22/11		**Mike**
53	Meet with Brock to setup server at RTS	6 days	Fri 4/15/11	Fri 4/22/11		**Mike**
54	Debug GPS vector application	4 days	Sat 4/23/11	Wed 4/27/11	50,51	**Mike**
55	Installation of software on netbook	4 days	Mon 4/18/11	Thu 4/21/11		**Irem**
56	C# code conversion to initiate and obtain data from Razor IMU	4 days	Sat 4/30/11	Wed 5/4/11	47	**Irem**
57	Get server communication code on netbook	1 day	Wed 4/27/11	Wed 4/27/11	51	**Irem**
58	Accelerometer and compass timeing code creation	3 days	Sat 4/30/11	Tue 5/3/11	41	**Peng**
59	coding Position and heading coding from accelerometer and compass	1 day	Sat 4/30/11	Sat 4/30/11	47	**Peng**
60	Compile code to use C# with path correction algorithm	4 days	Sat 4/30/11	Wed 5/4/11	47	**Peng,Irem**
61	Compile code on netbook and test functionality	1 day	Thu 5/5/11	Thu 5/5/11	60	**Mike**
62						
63						
64	**Imagine RIT**	1 day	Sat 5/7/11	Sat 5/7/11		**Team**
65						
66	**Technical Paper**	**29 days**	**Fri 4/8/11**	**Fri 5/13/11**		**Team**
67	Abstract	16 days	Fri 4/8/11	Thu 4/28/11		**Irem**
68	intro	16 days	Fri 4/8/11	Thu 4/28/11		**Irem**
69	nomenclature	16 days	Fri 4/8/11	Thu 4/28/11		**Irem,Mohamed**
70	Overview	16 days	Fri 4/8/11	Thu 4/28/11		**Mohamed**
71	Testing	16 days	Mon 4/11/11	Fri 4/29/11		**Mohamed**
72	Results	16 days	Mon 4/11/11	Fri 4/29/11		**Mohamed**
73	Future Work	16 days	Mon 4/11/11	Fri 4/29/11		**Mohamed**
74	Acknowledgments	16 days	Mon 4/11/11	Fri 4/29/11		**Mohamed**
75						
76	**75% due**	1 day	Fri 4/29/11	Fri 4/29/11		**Team**
77	**100% due**	1 day	Fri 5/13/11	Fri 5/13/11		**Team**
78						
79	**Poster**	11 days	Fri 4/8/11	Fri 4/22/11		**Irem**
80						
81	**Project Review**	1 day	Fri 5/6/11	Fri 5/6/11		**Team**
82						
83	**Final Review**	1 day	Fri 5/13/11	Fri 5/13/11		**Team**



Project: Proj_Plan
Date: Mon 5/16/11

Task | Split | Progress | Milestone | Summary | Project Summary | External Tasks | External Milestone | Deadline