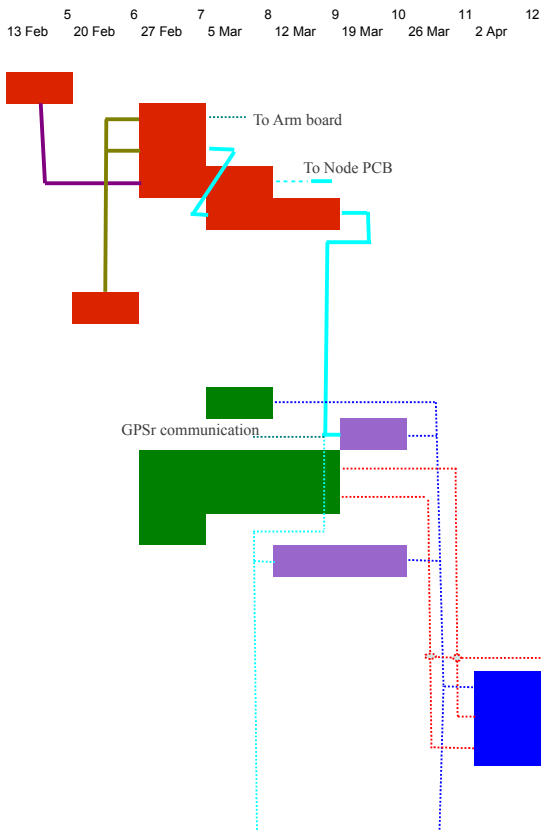
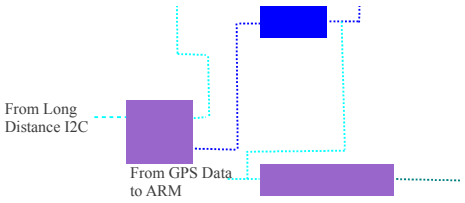
Tasks	Validation	Assignee	Deadline
Communication Primitives			
I2C Communication	Milestone 1	Via, Justin	–
GPSr UART communication	travelling over the UART. Then using a bus master device, request position data over I2C	Via	1 March
PIC to MiWi communication	Successful read & write to MiWi registers (e.g. set Tx power, then read to verify setting)	Via	1 March
Long Distance I2C Communication	Successful reliable communications along 75'+ of cabling	Mitch	6 March
MiWi <> MiWi communication	Sending predetermined bytestrings over MiWi with confirmed reception	Via, Mitch	16 March
PIC Software			
Adapt existing 2680 code to 45J10	Using a bus sniffer, verify I2C read/write operations are successful to all 45J10 devices	Via	28 February
Arm Board Software			
Test Position Data to Web Server	the webpage (even if the 'changing' data is just hardcoded at this time)	Andrew, Justin	9 March
GPS Data to ARM board	GPS position is displayed on ARM	Via, Justin	20 March
Filesystem	Successful text file creation on a computer-readable filesystem	Via	13 March
Fancy Display	The fancy display looks nice, and has spots for pertinent information to go	Andrew	13 March
Web Server	Custom content is displayed on the webpage	Andrew	1 March
Position Calculation on ARM	Position calculator output is fed to ARM display and other interfaces	Mitch, Justin	18 March
Integration			
Actual Position Data to Web Server	GPSr position data, and calculated position is displayed on the webpage	ALL the people	5 April
Position Data to Filesystem	GPSr position data, and calculated position is written to a flat text file	ALL the people	5 April
Position Data to Display	GPSr position data, and calculated position is displayed on the 'fancy display'	ALL the people	5 April
Final Project Demonstration	Project completed, demonstrated	ALL the people	24 April
Final Report	Report completed, submitted.	ALL the people	3 May



Tasks	Validation	Assignee	Deadline
Board Assembly	It works	ALL the people	20 March
Design Dependencies			
Position Calculation Algorithm	calculator provides some reasonable position output	Mitch	9 March
Node PCB design	It exists	Mitch, Andrew	9 March
Calibration Sequence	ARM Display or Web page displays GPS position of all three receiever nodes	Andrew	27 March



13 14 15 16 17
9 Apr 16 Apr 23 Apr 30 Apr 7 May