

PAM: PERSONAL AMBIENCE MONITOR
PROGRESS REPORT FOR WEEK-ENDING 2005-09-13

Previous week's Milestone Chart (9/6 to 9/13):

	Task	Responsibility TS=Tim BM = Bhushan SP=Shawn	Scheduled Completion Date	Modified Completion Date	Comments
1	Finalized Project Proposal	TS,BM,SP	09/08	-	Done
2	Power Point Slides For Design Review	TS,BM,SP	09/13	-	Done
3	Buy Remaining project material	TS, BM, SP	09/09	-	Done
4	Finalize RF component purchase for project	TS	09/13	-	Done

Current week's Milestone Chart (9/13 to 9/20):

	Task	Responsibility TS=Tim BM = Bhushan SP=Shawn	Scheduled Completion Date	Modified Completion Date	Comments
1	Develop rough read routine for 1-wire sensors	SP	09/20	-	
2	Develop text fields for PIC to update glasses display	BM	09/20	-	
3	Develop base station CLI with serial I/O and event handling (for attachment to GUI)	TS	09/20	-	

Questions, difficulties, successes
<ul style="list-style-type: none"> Unable to order single BlueTooth embedded chip from BlueRadios due to time restraints and corporate marketing. Compromised to using Class 2 BT interface for Mobile Unit; this reduces the RF range from 100m to 10m. Also, the new chip is cheaper per unit, larger, and consumes more power. Also, encryption is no longer available on-chip (not part of the original proposal anyway). Otherwise, the BT functionality of the Mobile Unit has not changed significantly. The lower-quality chip will still be sufficient for prototyping the system/product.
<ul style="list-style-type: none"> Tim made contact to obtain extra glasses, same interface, different manufacturer, for no cost to the team (anticipating refurbished equipment to be donated to team).
<ul style="list-style-type: none"> Tim has also found a 2nd potential project sponsor. (Bhushan already has one potential project sponger.)

Timeline

