

Project Plan RF mid-range II group

Nov 15, 2010

P11208

Project managers:	Ting Lik To
Dates:	Sep 10, 2010 - Nov 18, 2010
Complete:	100%
Tasks:	24
People:	4

The Mid-Range RF-2 MSD Project is part of the Wireless Open-source/Open-architecture Command and Control System (WOCCS). The system's intent is to create a wireless channel to for data transmission from a controller to a mobile receiver. Together there are six teams that comprise the WOCCS family: Power, Packaging, Test Bench, two Mid-Range RFs, and a Long-Range RF group. The three RF groups' final boards are required to be interchangeable to allow for the final device to be used in multiple settings and distances. This project, the Mid-Range RF-2 team P11208, is intended to transmit wireless information over a mid-distance range, determined to be approximately 200m line of sight.

Team members include:

- Jeffrey Abbott
 - Romain Derval
 - Ting Lik To
 - Lingzi Ye
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Tasks

Name	Begin date	End date
Write one-page summary ("Pinto Explosion" - Needs&Specs)	9/10/10	9/17/10
Create Customer Needs	9/10/10	9/24/10
Create Engineering (Design) Specifications	9/10/10	9/24/10
Write one-page summary ("Boeing Case" - Importance of the customer involvement)	9/17/10	10/1/10
Complete Project Plan	9/17/10	9/24/10
Update Team norms/values (including ethical considerations and plans to realize)	9/17/10	9/24/10
Perform Peer Review	9/17/10	9/24/10
Create Risk Assessment	9/24/10	10/8/10
Proceed with the System Design Review	9/24/10	10/8/10
Create Functional Tree	9/24/10	10/8/10
Create Relationship Matrix	9/24/10	10/8/10
Generate Product Concept	9/24/10	10/8/10
Perform Peer Review	10/1/10	10/15/10
Create Bill of Materials	10/15/10	11/3/10
Update Drawings/Schematics	10/15/10	11/3/10
Create Feasibility Analysis	10/15/10	11/3/10
Update Risk Assessment	10/15/10	11/3/10
Plan to meet Customer Needs/Engineering Specifications including a Preliminary Test Plan	10/29/10	11/4/10
Prepare for Detailed Design Review	10/29/10	11/4/10
Perform Peer Review	10/29/10	11/4/10
Prepare MSD I Execution vs. Plan ("Do, check, and act" phases) (TEAM GRADE)	11/4/10	11/18/10
Prepare MSD I Execution vs. Plan (INDIVIDUAL GRADE)	11/4/10	11/18/10
Create Schedule for MSD II	11/4/10	11/18/10
Update Risk assessment	11/4/10	11/18/10

Resources

Name	Role	Default role
Ting Lik To	Team Leader, PCBLayouts	project manager
Romain Derval	Interface manager, Budget & Schedule	undefined
Jeffrey Abbott	Electrical schematics, Feasibility analysis	undefined
Lingzi Ye	Documentaiton, Schematics	undefined

Gantt Chart



