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Team 20

Lab number 3

Milestones, Schedule and Work Breakdown Structure

March 3rd, 2013

Version 1.0

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By signing below, each group member approves of this document and contributed fairly to its completion.

Raymond Tang, Andrew McMillion, Archit Rupakhetee, Tyler Lenig

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On our honors, as students of the University of Virginia, we have neither given nor received unauthorized aid on this assignment.

Raymond Tang, Andrew McMillion, Archit Rupakhetee, Tyler Lenig

Contents

Milestones and Work Breakdown Structure

Our milestones are listed as the main headings while the breakdown of how each milestone will be accomplished.

- Final specifications signed-off by Archit Enterprises CEO - 2/25/13
    - Specification is considered complete and thorough
    - Cross-reference specifications to ensure consistency
- Plan for implementation of specifications is approved by customer - 2/25/13
    - Basic design document submitted to customer
    - Customer signs off if approved
- Finalize design document and get it signed-off by management - 2/28/13
    - Specifics of movement, sensing, communication, and UI
- Implement shell for designed program to be signed-off by management 3/4/13
    - Mock-ups
    - Validate shell
- End-to-end Prototype (signed-off by inspection report) 3/25/13
    - Basic
    - Enhanced
    - Iteration of prototypes
        - Each iteration reviewed and approved by partner group
- Full integration of enhanced interface prototype - 4/08/13
    - Interface successfully passes test-data suite
- Inspections completed - 4/15/13
    - Validation by testing our given specification
    - Verification by checking with customer
- System delivered to customer - 4/29/13
    - Code is streamlined and self-documented enough that it doesn't need to be expressly commented.
    - Documentation

Schedule

Each date is followed by what needs to be completed for that date.

- February 25
    - Review and cross-verify final specification for thoroughness
    - Implementation planning
    - Create design document
    - Send document to be reviewed by customer
- February 28
    - Finalize design document
- March 3
    - Design document signed-off by management
- March 4
    - Development tools and protocol
    - Implementation of shell for designed program
- March 12
    - Begin implementation of system
- March 18
    - System design due
    - Continue implementation
    - thorough testing during implementation
- March 25
    - End-to-end Prototype due
        - Component prototypes
        - Prototype Integration
    - Implementation of system complete (with basic interface)
    - Continue further testing
- April 8
    - Enhanced Prototype due
    - Full integration of system with interface
    - Full system testing
- April 15
    - Inspections
- April 22
    - Final testing
    - Final changes
- April 28
    - Presentations/Final documents
    - Set up for delivery
- April 29
    - System delivery