Dynamic Network Device Mapping System (DNDMS)

Software Plan
By
SKYNET Software
Welcome

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Agenda

- Introductions
- Problem Definition
- Resources
- Justification
- Waterfall Model
- Semester Timeline
- Supporting Documentation
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Team SKYNET

- Kevin Fealey ............... Team Leader
- Heimdall Imbert ............ Systems Administrator
- Stephanie Maloney ........... Documentarian
- Trevor P. March ............. Webmaster
- Andrew Warner .............. Systems Analyst
Problem Definition

- Current methods for obtaining network information are inefficient
  - Information should be able to be obtained digitally
- Data should be accessible from anywhere in the world
  - Web application is required
- A digital map with positions of all computer equipment must be made
  - Should display wired and wireless components
Resources

- Hardware
  - SE lab computers (Windows and Macintosh)
- Software
  - Dreamweaver, Fireworks, Flash, Oracle
- Human Resources
  - Ken Swarner, Eric Crossman, Dr. Lederman
Justification & Goals

• Time and energy saving
  • Unified management of network devices
• Efficient Data storage
  • Organized database of connected components
• Extensible software
  • Can be updated based on Systems Admin’s needs
Waterfall Model
(Linear Sequential Model)

- Software Plan
  - Requirements Specification
  - Preliminary Design
    - Detailed Design
      - Acceptance Test
Supporting Documentation

- Software Plan
  - Documents: September 21, 2007
  - Presentation: September 21, 2007

- Software Requirements Specification
  - Documents: October 22, 2007
  - Presentation: October 24, 2007

- Preliminary Design
  - Documents: November 26, 2007
  - Presentation: November 28, 2007
Supporting Documentation, cont.

- Detailed Design
  - Documents: February 2008

- Acceptance Test
  - Documents: April 2008
Summary

Any Questions?
Thank You!

We look forward to working with you on this project.