Welcome

Mr. Ken Swarner  Dr. Tim Lederman
Systems Administrator  Professor
Software Plan Presentation

Roger Bacon 328
September 23, 2005

Michael Devanandan: Introduction & Summary
Anthony Ruotolo: Definition & Justification
Michael Jakubowski: Constraints & Functions
Vernell Mitchell: Development Plan
Environmental Intelligence Network Systems

Team Structure

Ybelka Brito  Librarian
Michael Devanandan  Team Leader
Joseph Halvey  Software Developer
Michael Jakubowski  Project Engineer
Vernell Mitchell  Webmaster
Anthony Ruotolo  Team Coordinator
Environmental Intelligence Network Systems

Project Definition

- Security is an increasing necessity
- Stationery Environmental-monitoring
Environmental Intelligence Network Systems

System Justification

Justification

- Provides a sense of security for users
- Allows protection of home & business
- Easy to use, less stressful, and faster response
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Project Constraints

- Security
- Two distinct servers (Linux & Apache)
- No Active X controls
- Must work using Windows, Macintosh OS & Linux
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Functions to be Provided

- Database
- Apache Web server
- Accessible by most major Web Browsers
- Direct Communication between software & devices
- Security system
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Proposed Design

Client

Server

Home

Administrator

Sensor

Administrator
Environmental Intelligence Network Systems

Linear Sequential Model (Classic Waterfall Model)

- Software Plan
- Analysis
- Preliminary Design
- Detailed Design
- Development & Testing
- Acceptance Test
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Linear Sequential Model (Classic Waterfall Model)
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(Classic Waterfall Model)

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Development Plan

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Project: Remote Access Environmental Monitoring System
Date: Mon 9/19/05
Environmental Intelligence Network Systems

Essential Documents

- **Software Requirement Specifications**
  - Document Due: October 24, 2005
  - Date of Presentation: October 26, 2005

- **Software Preliminary Design**
  - Document Due: November 28, 2005
  - Date of Presentation: November 30, 2005
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Summary

Any Questions?