

Environmental Intelligence Network Systems
Remote Monitoring System
- Software Plan -

Welcome

Mr. Ken Swarner

Systems Administrator

Dr. Tim Lederman

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

Definition

- Security is an increasing necessity
- Stationery Environmental-monitoring

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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

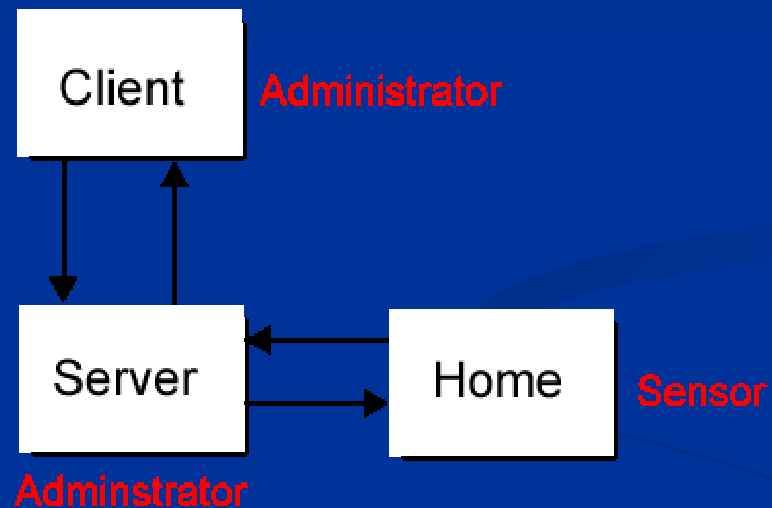
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Functions to be Provided

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

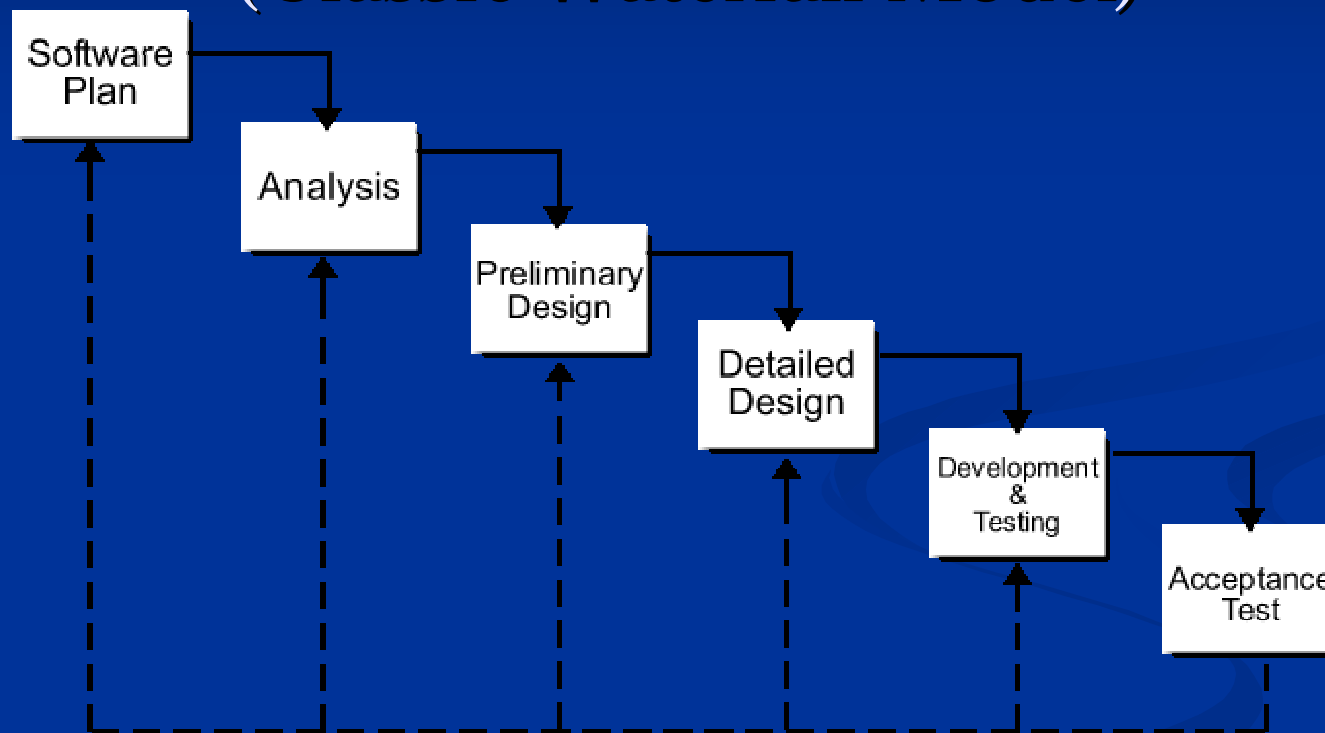
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Proposed Design



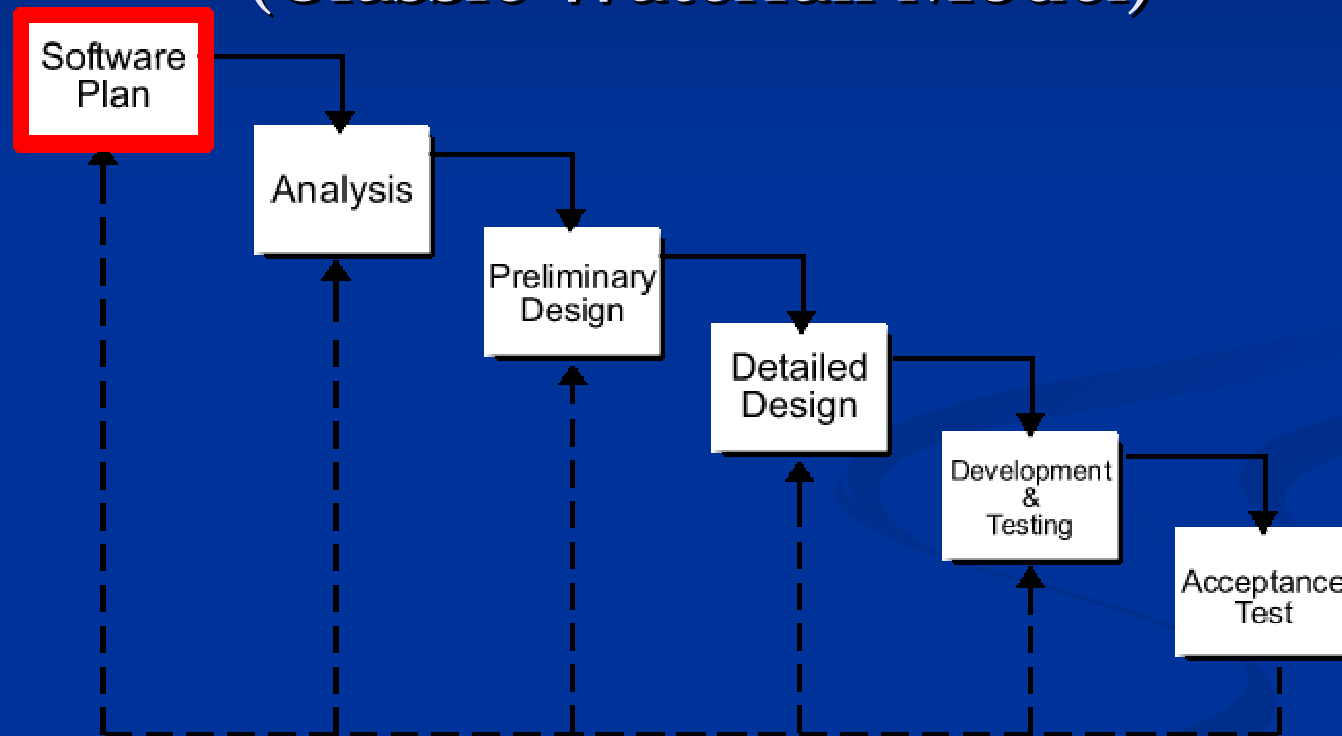
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Linear Sequential Model (Classic Waterfall Model)



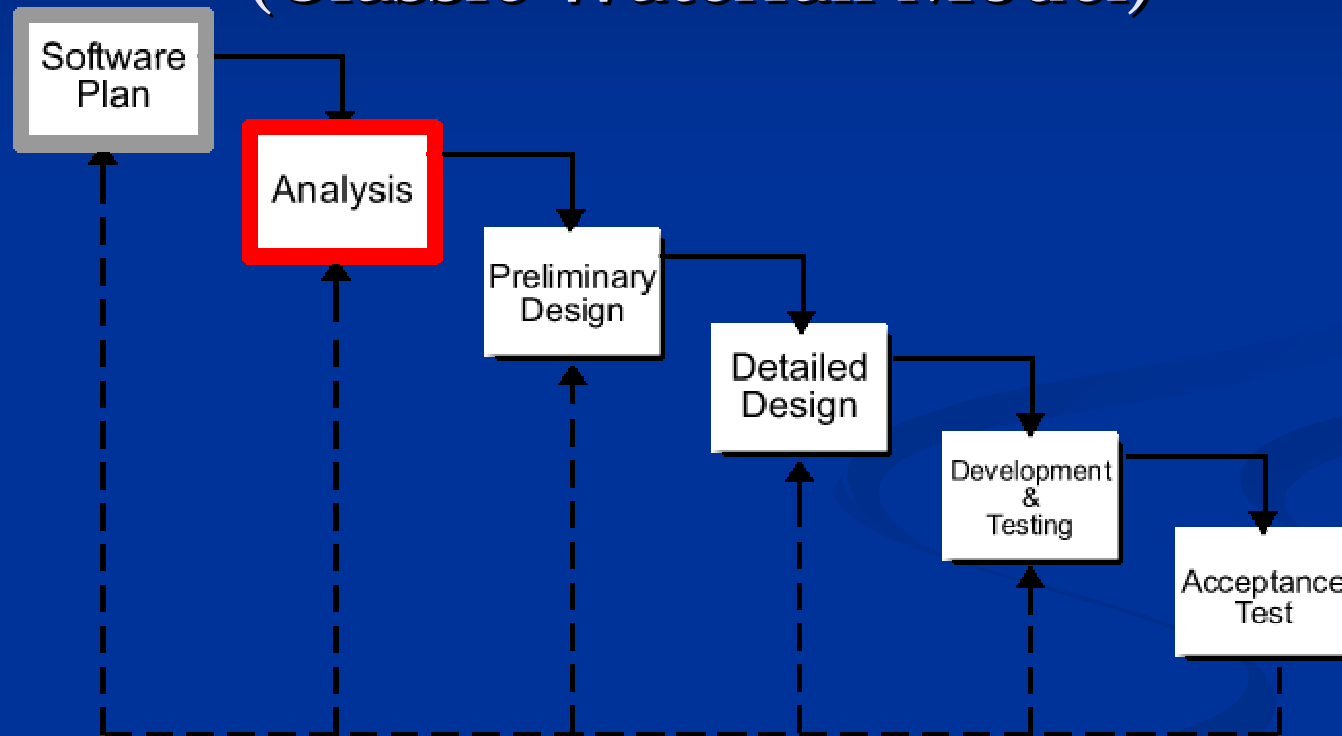
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Linear Sequential Model (Classic Waterfall Model)



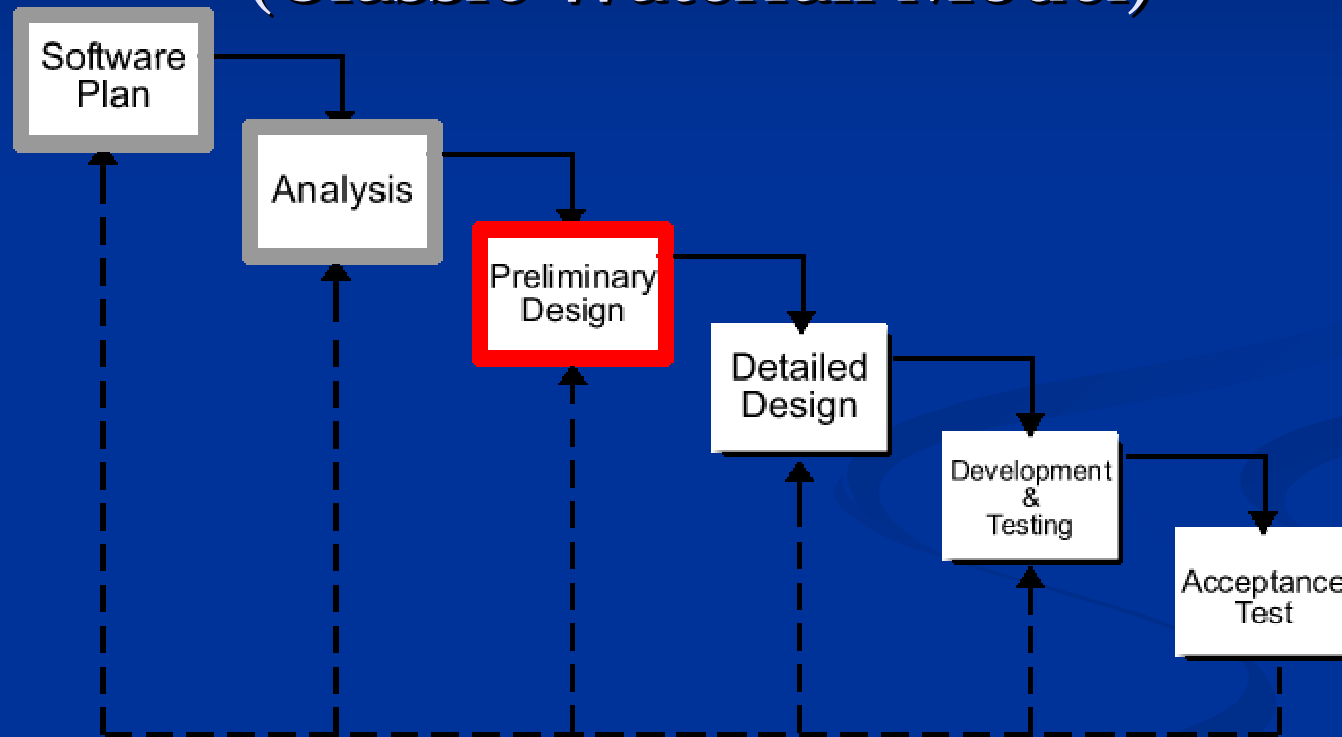
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Linear Sequential Model (Classic Waterfall Model)



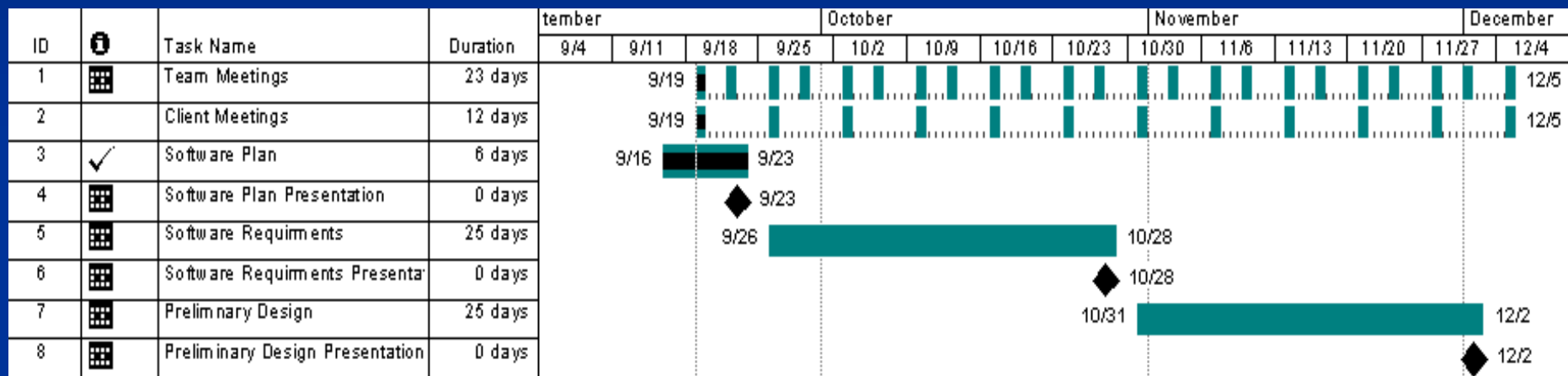
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Linear Sequential Model (Classic Waterfall Model)



Environmental Intelligence Network Systems

Development Plan



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

Task: [Green Bar]

Progress: [Black Bar]

Milestone: ◆

Summary: [Double Arrow Bar]

Split: ⋯

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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?