Environmental Monitoring System

Software Plan

by

*Saint*Soft

Welcome

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Systems Administrator

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&

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*Saint*Soft Team Organization

- Daniel Schuldt - *Team Leader*
- David Moore - *Systems Administrator*
- Christian Damberg - *Webmaster*
- Hannah Palmer - *Librarian*
- Luba Mikhailova - *Design Consultant*
- Tina Ting - *Software Developer*

Agenda

- Introduction and Conclusion
  by Daniel Schuldt
- Problem Definition and Project Plan
  by David Moore
- Development Schedule
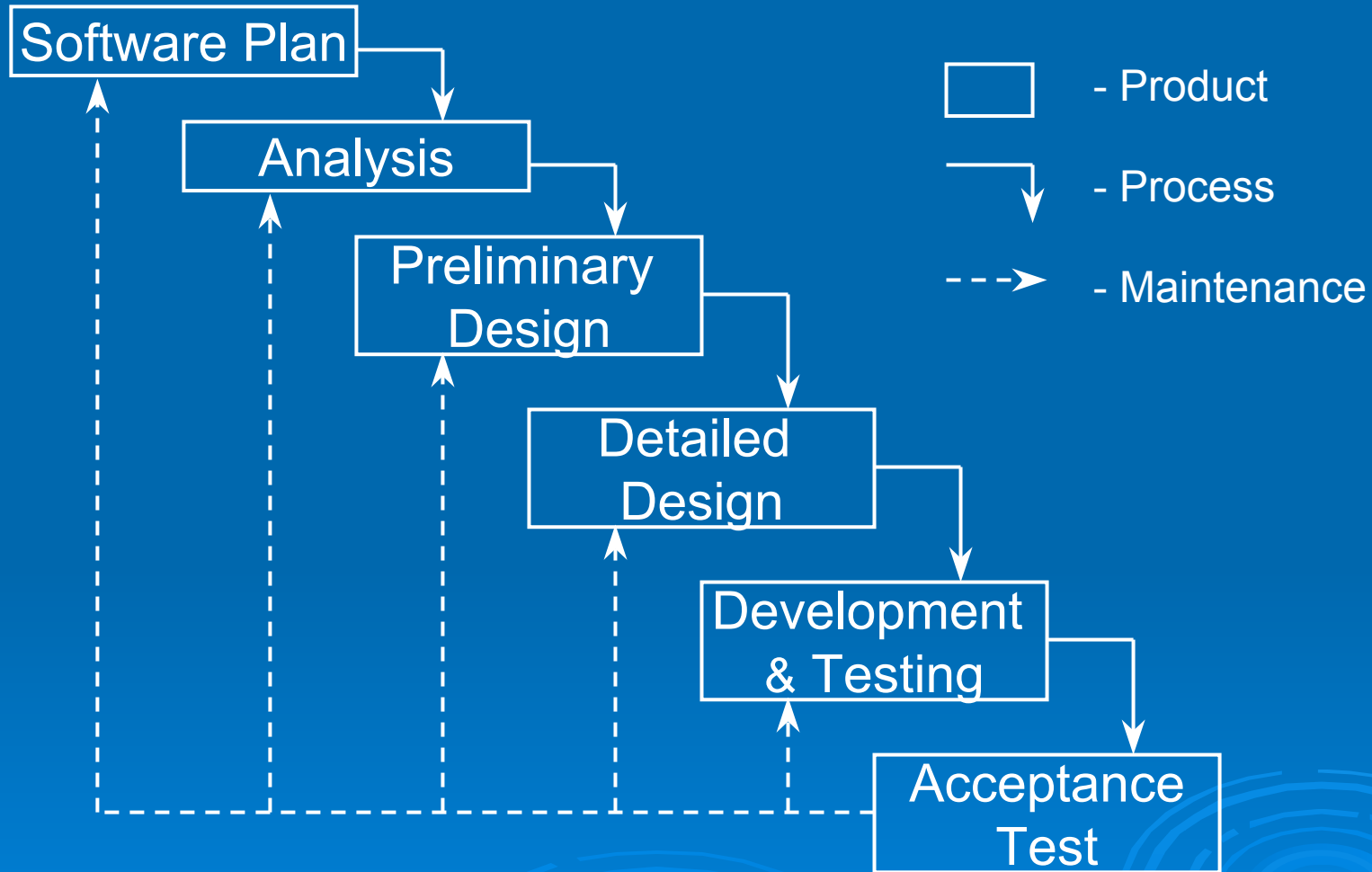 by Christian Damberg

Problem Definition

Client
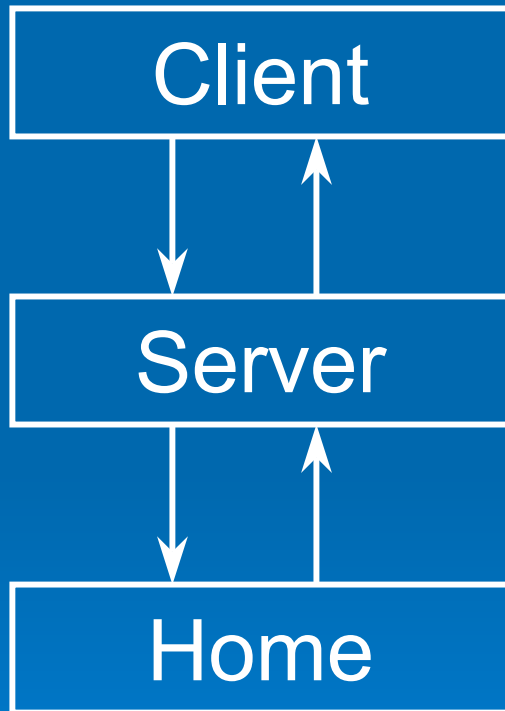
Remotely view status of sensors through a web browser

Server

Linux server running apache

Home

Motion sensors and video cameras monitor the temperature and water levels

Linear Sequential Model

Software Plan

Analysis

Preliminary Design

Detailed Design

Development & Testing

Acceptance Test

- Product

- Process

- Maintenance

Project Plan

Software Plan → Analysis → Preliminary Design

Fall 2005

- Completed
- In Progress
- Incomplete

Detailed Design → Development & Testing → Acceptance Test

Spring 2006

Development Schedule

	ℹ	Task Name	September					October				November				December	
			8/28	9/4	9/11	9/18	9/25	10/2	10/9	10/16	10/23	10/30	11/6	11/13	11/20	11/27	12/4	12/11
1	✓	Formation of Group		◆ 9/9														
2	✓	Initial Team Meeting			◆ 9/12													
3	▦	Weekly Team Meetings																
4	✓	Initial Client Meeting			◆ 9/15													
5	▦	Weekly Client Meetings																
6	▦	Definition/Project Plan Development																
7	▦	Definition/Project Plan Presentation				9/23												
8	▦	Debriefing On Presentation																
9	▦	Requirements Specifications Development																
10	▦	Requirements Specifications Presentation									10/28							
11	▦	Debriefing on Presentation																
12	▦	Preliminary Design Development																
13	▦	Preliminary Design Presentation															12/2	
14	▦	Debriefing on Presentation																

Legend:

▬▬▬	Task	◆	Milestone
··············	Split	▬▬▬	Progress
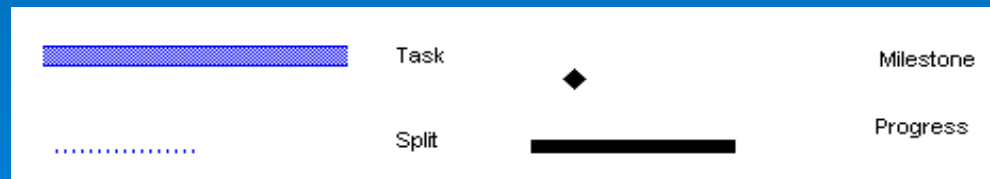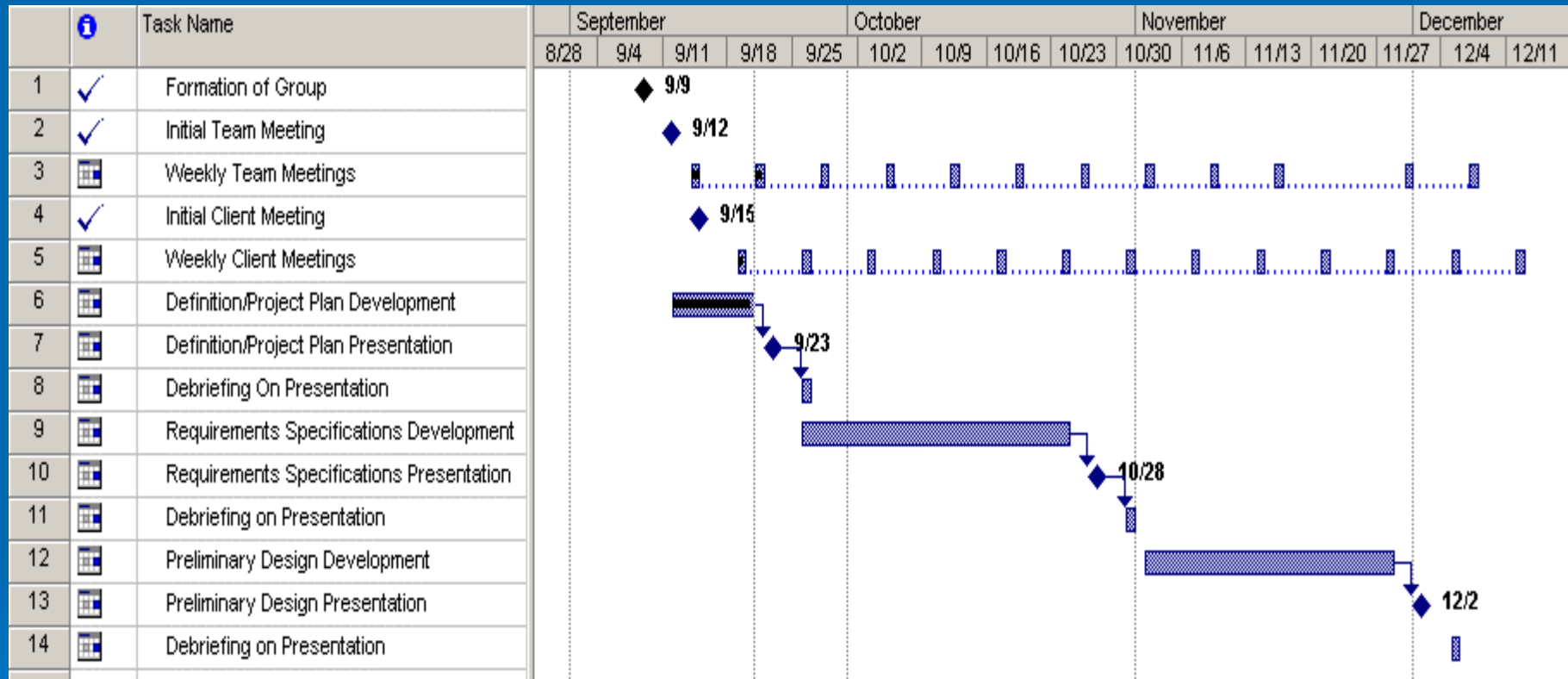
Supporting Documents

- Software Requirements Specifications
  - Documentation: October 24, 2005
  - Presentation: October 28, 2005

- Preliminary Design
  - Documentation: November 28, 2005
  - Presentation: December 2, 2005

Supporting Documents, cont.

- Detailed Design

  - Documentation: Spring 2006

- Acceptance Test

  - Documentation: Spring 2006

Summary

- What's Next?
    - Comprehensive Understanding of Problem

Any Questions?

Thank you !

We look forward to working with you on this year-long project to get this software working.