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Interactive

**Proposed Project:
Student/Staff Programming Problem and
Solution Manager (S²P²ASM)**

**Software Plan Presentation
Client: Dr. Darren Lim**

Friday 9/25/09

Welcome

Client:

Dr. Darren Lim
Assistant Professor
Siena College

Instructor:

Dr. Timothy C. Lederman
Our Professor
Siena College

The Team

- Lawrence Gregory - Team Leader
- Christopher Hughto - Webmaster
- Connor Vander Bogart - Organizational and Informational Manager
- Erik Stegmann - Lead Graphics and Interface Designer
- Jedidiah Turnbull - Systems Administrator

Agenda

- Software Engineering Team
- Problem and Software Justification
- Constraints and Goals
- Development Tools and Methodologies
- Development Timeline

The Problem

- Student's programming projects are time consuming to grade.
- Paper printouts are costly.
- Manual testing is inefficient.
- Manual grading is inefficient.

Software Justification

- Time once consumed for testing and grading will now be available for other things.
- Client no longer needs to individually test and grade each students work.
- Students will be able to receive instant feedback on their work.

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Constraints

- Variety of configurations of browsers and computers.
- System must only accept Java™ code.
- Specific input and output.
- Cross Browser Accessible (All major browsers supported).

Goals

- Fully functional, web based, programming environment.
- Flexible Framework.
- Instant Feedback.

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Development Tools

Tools:

- Microsoft Office 2007 Suite
- Microsoft Project
- Macromedia/Adobe Creative Suite 4

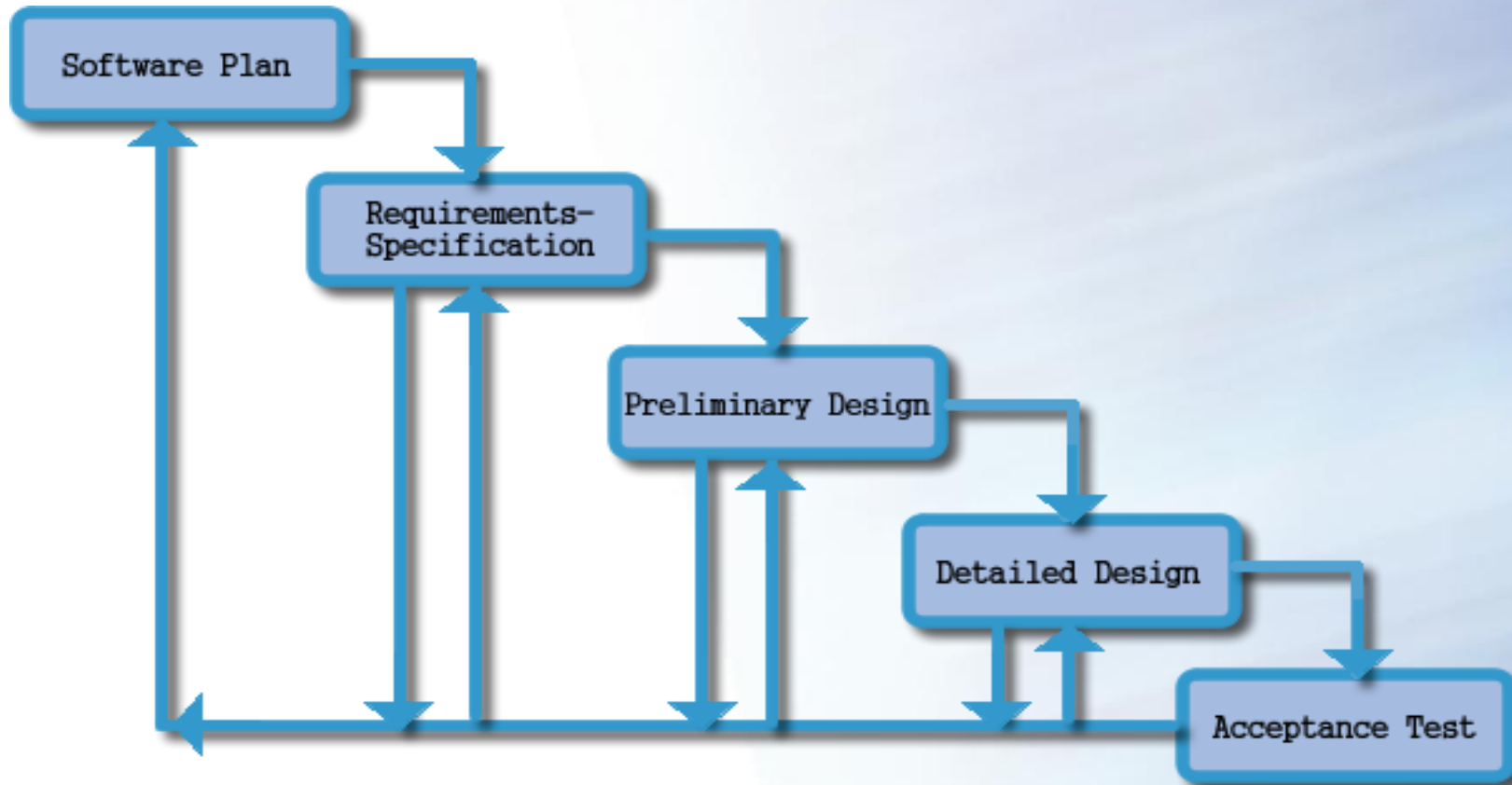
Programming Languages:

- XHTML
- CSS
- PHP
- MySQL

Resources:

- Computers in Software Engineering Lab (Refer to Software Plan for more information)
- W3C: Web Standards
- Dr. Lim, Dr. Lederman

Our Development Model

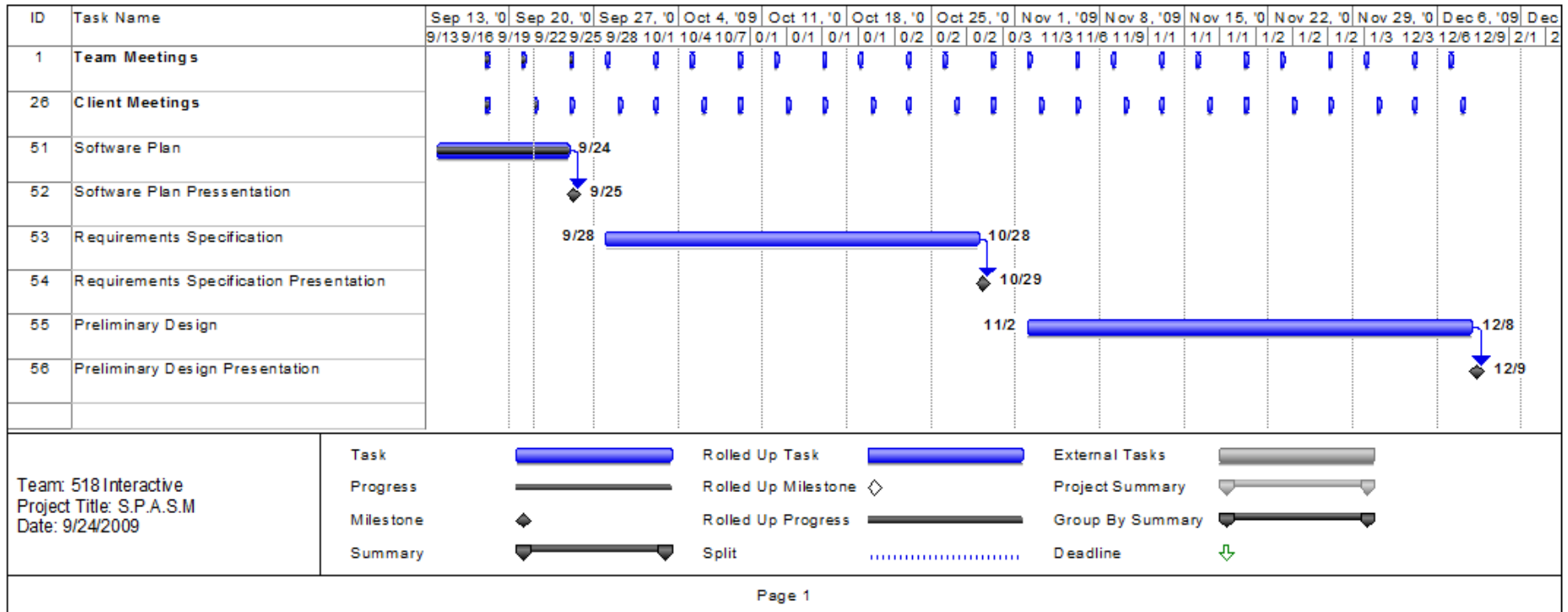


Based off of the Classic Waterfall Model
(A Linear Sequential Subtype)

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Timeline (Gantt Chart)



What's Next?

- Requirements Specification 10/28/09
- Preliminary Design 12/8/09
- Detailed Design T.B.D.
- Acceptance Test T.B.D.



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Questions?

Comments?

Thank You for Coming

Friday 9/25/09