

A faint, light blue world map is centered on the page, serving as a background for the text. The map shows the continents of North America, South America, Europe, Africa, Asia, and Australia.

# Dynamic Network Device Mapping System (DNDMS)

Software Plan  
By  
SKYNET Software

# Welcome

Mr. Ken Swarner  
Senior Systems Administrator  
School of Science  
Siena College  
&  
Mr. Eric Crossman  
Assistant Systems Administrator  
School of Science  
Siena College

# Agenda

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

# 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

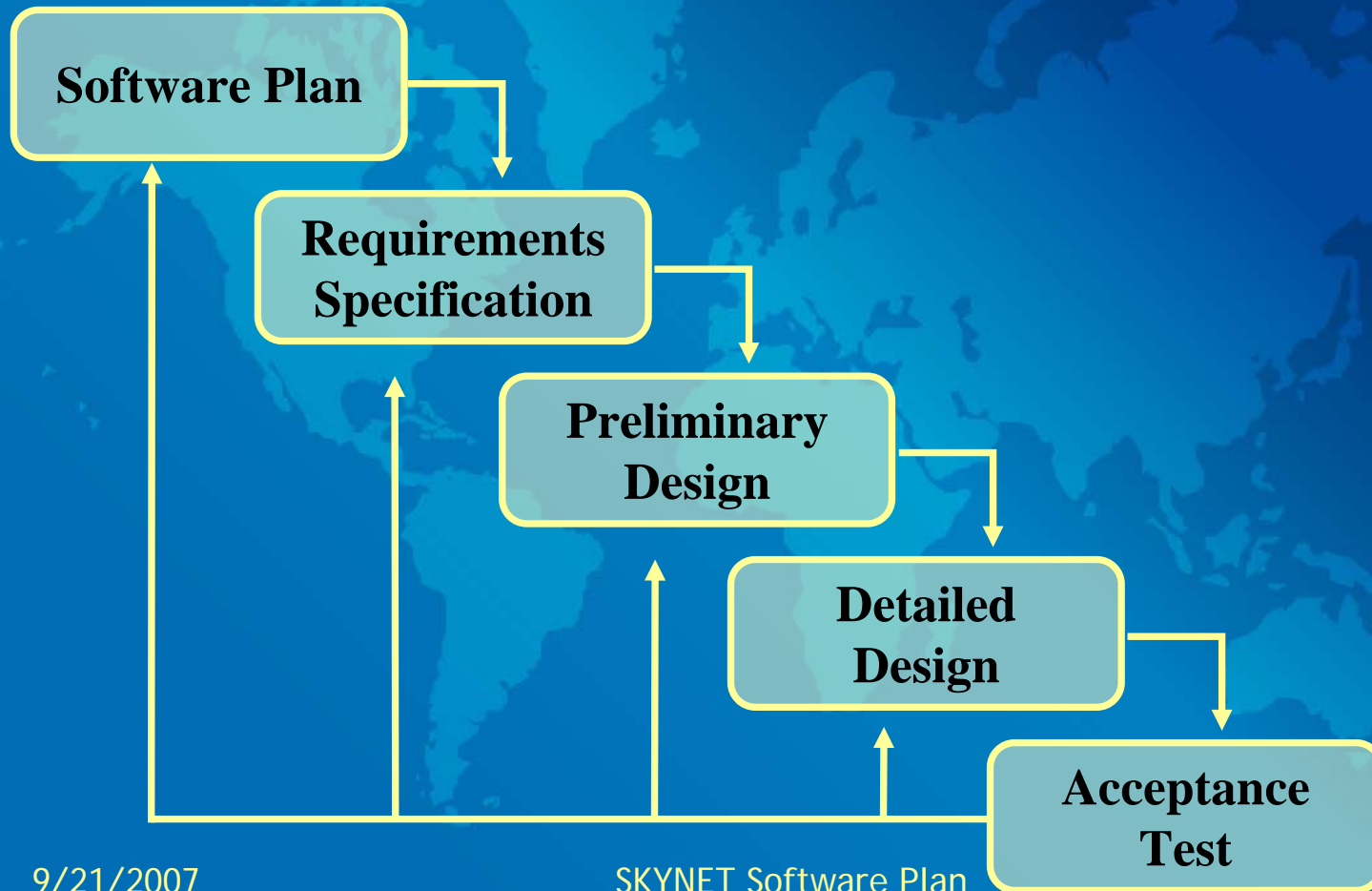
- Hardware
  - SE lab computers (Windows and Macintosh)
- Software
  - Dreamweaver, Fireworks, Flash, Oracle
- Human Resources
  - Ken Swarner, Eric Crossman, Dr. Lederman

# Justification & Goals

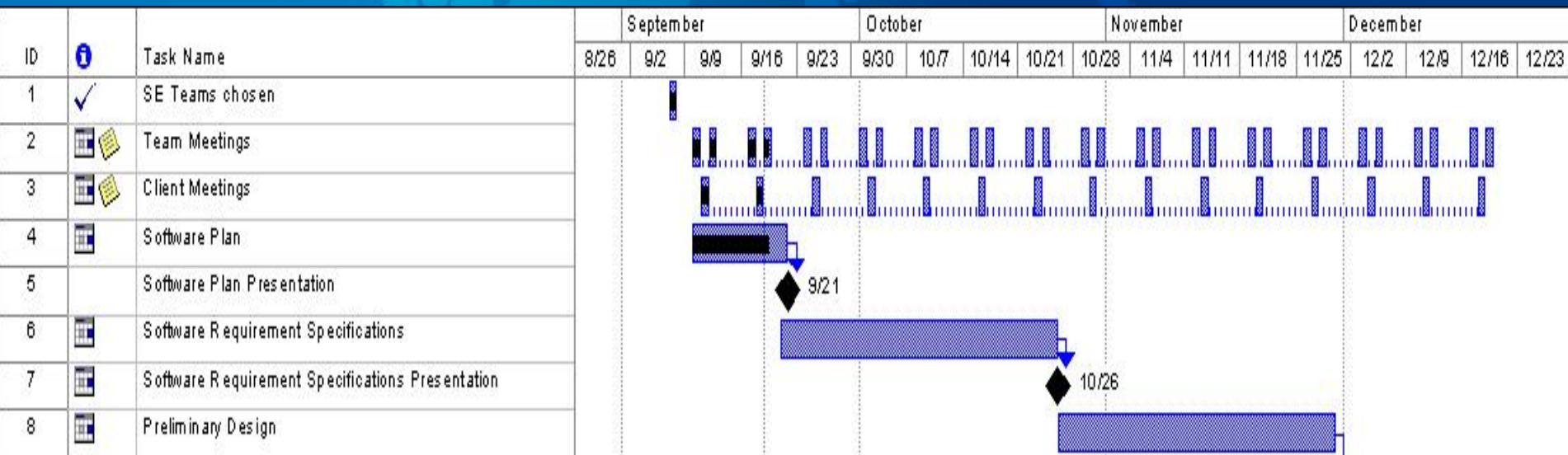
- Time and energy saving
  - Unified management of network devices
- Efficient Data storage
  - Organized database of connected components
- Extensible software
  - Can be updated based on Systems Admin's needs

# Waterfall Model

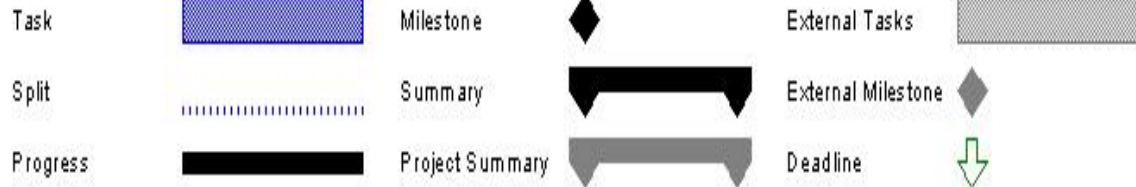
(Linear Sequential Model)



# Timeline



Team: SKYNET Software  
 Project: DNDMS  
 Date: 09/21/2007



# 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.