Virtual Network Device Mapping System

Requirements Specification

By

MAJIK Software Solutions

October 25, 2006

Welcome

Mr. Ken Swarner

Systems & Operations Manager

School of Science

Siena College

&

Mr. Eric Crossman

Assistant Systems and Operations Manager

School of Science

Siena College

Team MAJIK

- Kelly Morgan – Team Leader
- Amanda Danko – Information Specialist
- Kevin Johnson – System Administrator
- Ian Kost – Project Engineer
- Mark Riley - Webmaster

Agenda

- Introduction – Kelly Morgan
- Use Cases – Ian Kost
- Data Flow Diagrams – Ian Kost
- Functional Requirements Inventory – Kevin Johnson
- Prototype Screens – Kevin Johnson
- Going Forward… – Mark Riley

Requirements Specification

- Identifies, in detail, the functional and non-functional requirements
- Outline of what the system MUST do

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Use Cases

- Three Users
  - Administrator User
  - Faculty/Staff User
  - Special User

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Data Flow Diagrams

- Shows Processes and Data Flow within the System
- Diagrams Included
  - Context Free
  - Level 0
  - Level 1
  - Level 2

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Functional Requirements Inventory

- Administrator User
  - View all floors and rooms of Science buildings
  - View all devices on the network
  - View all information about each device
  - Edit information regarding devices
  - Search
  - Grant access to special users

Functional Requirements Inventory

- Faculty/Staff User
  - View rooms only related to them (office, classroom)
  - View information about devices only related to them
  - Search on a limited criteria

Functional Requirements Inventory

- Special User
  - Use varies depending on privileges granted to them by administrator

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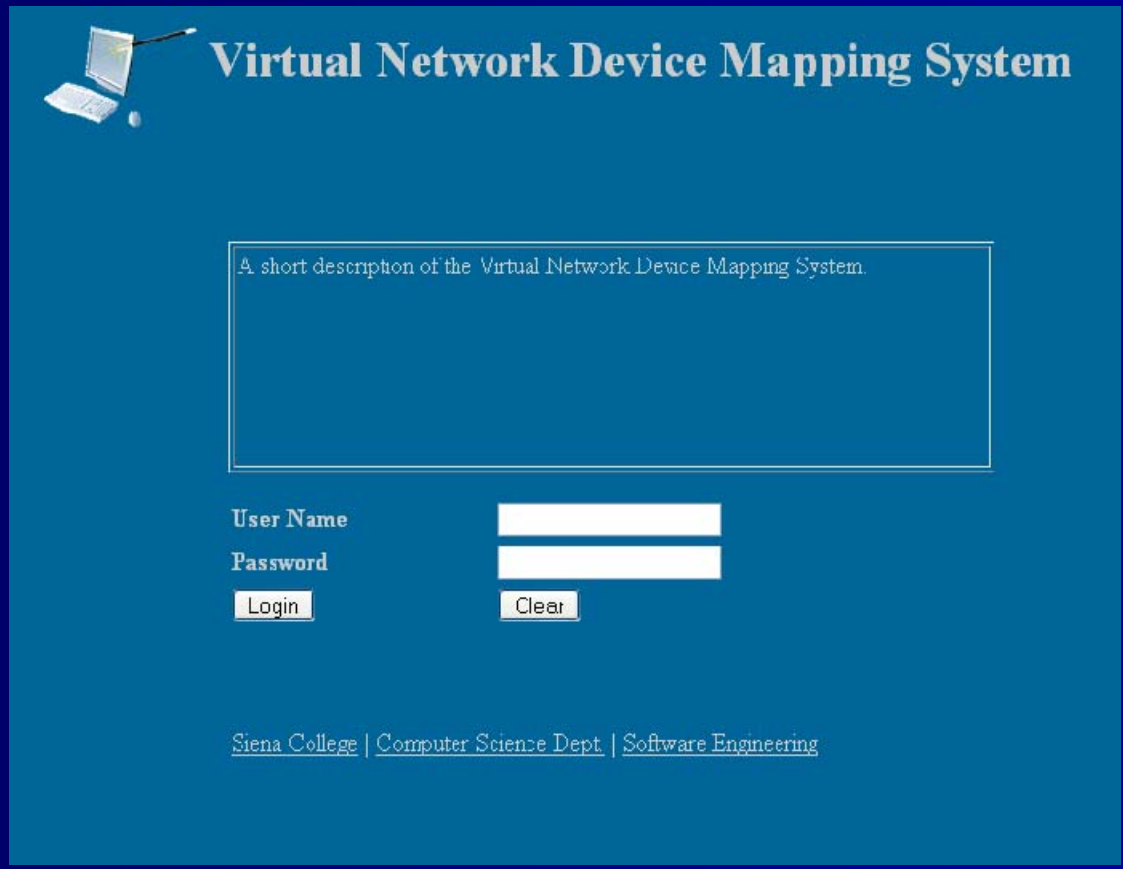
Prototypes

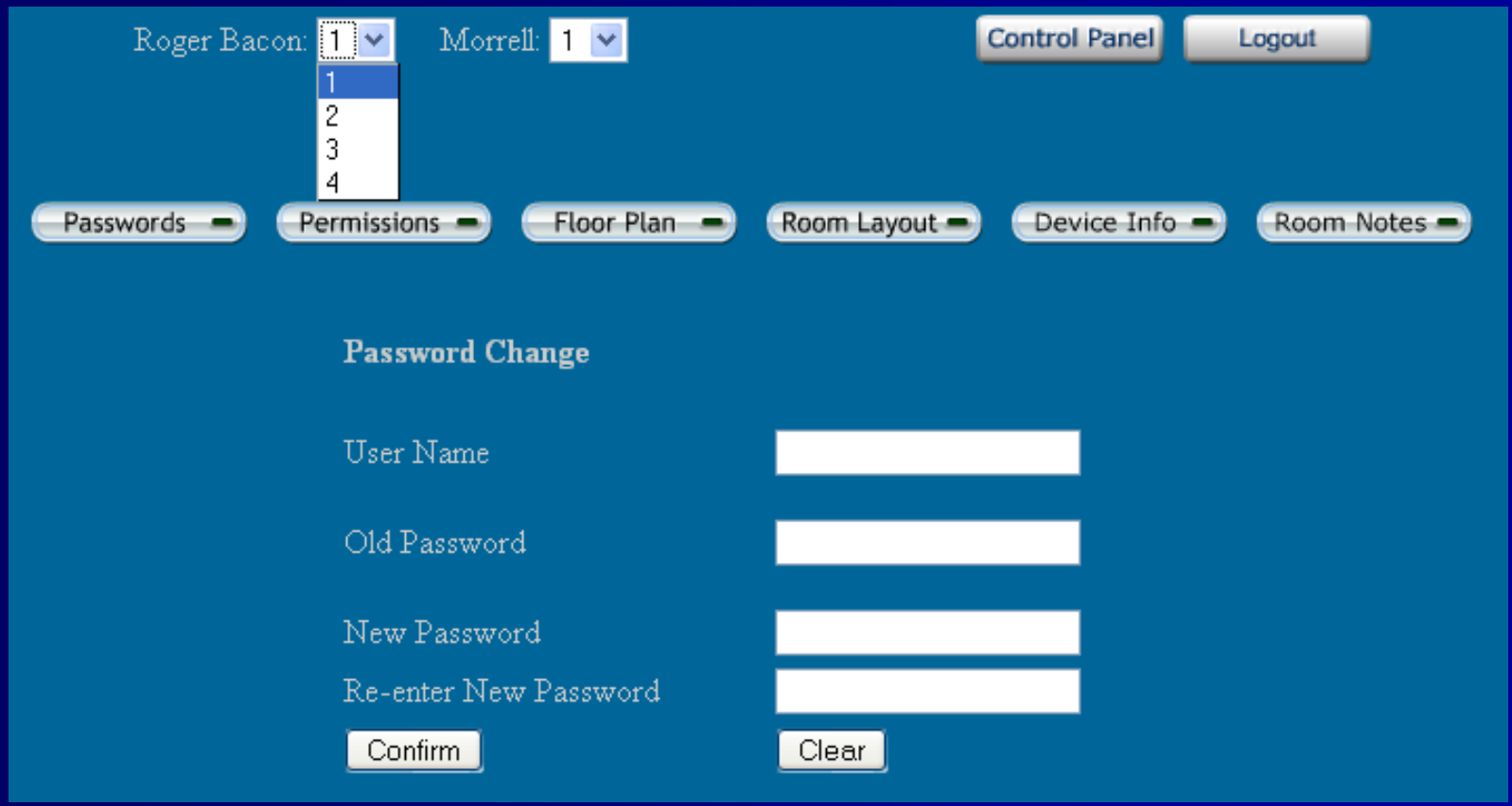
- Index Screen
- Logged In Screen
- Administrator Control Panel Screen
- Floor Plan Layout Screen
- Room Layout Screen
- Search Screen

Index Prototype Screen

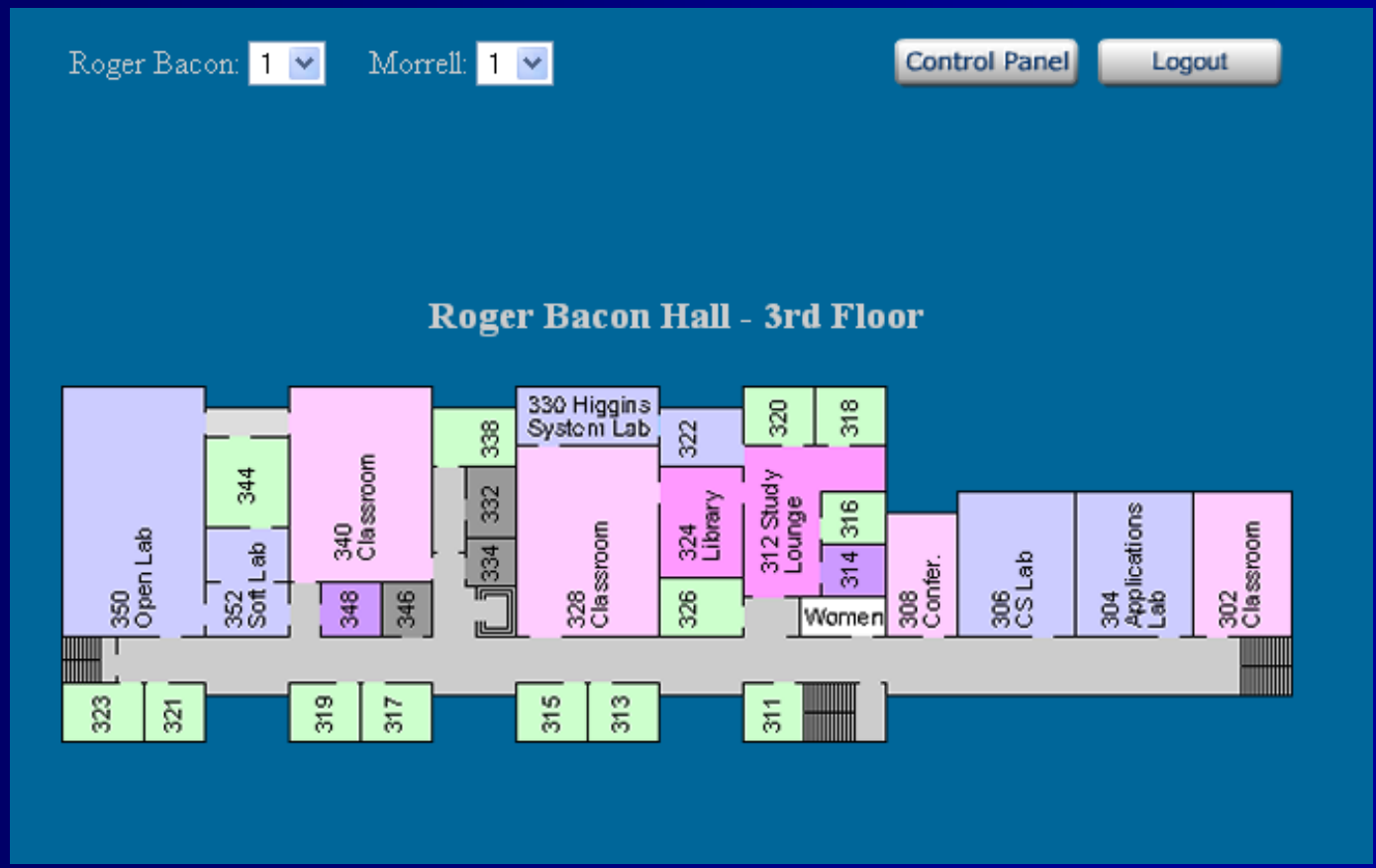


Logged In Prototype Screen

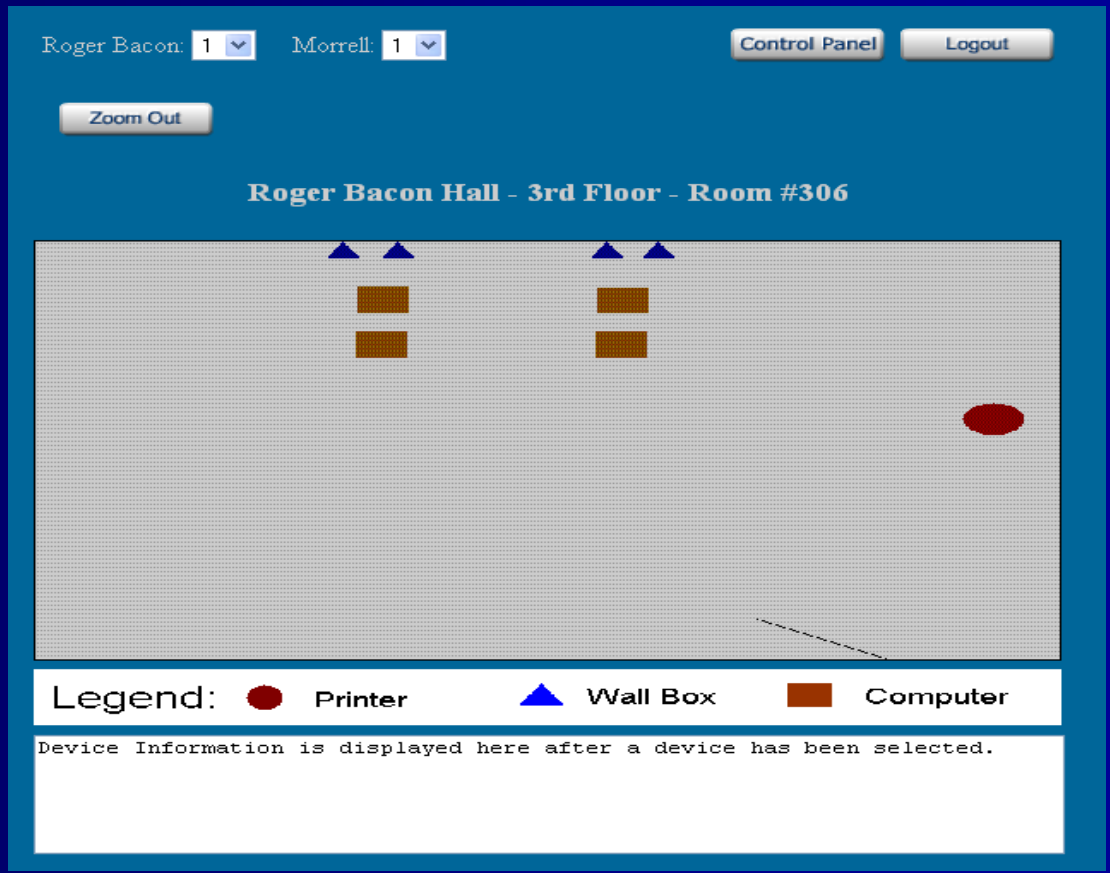
Control Panel Prototype Screen



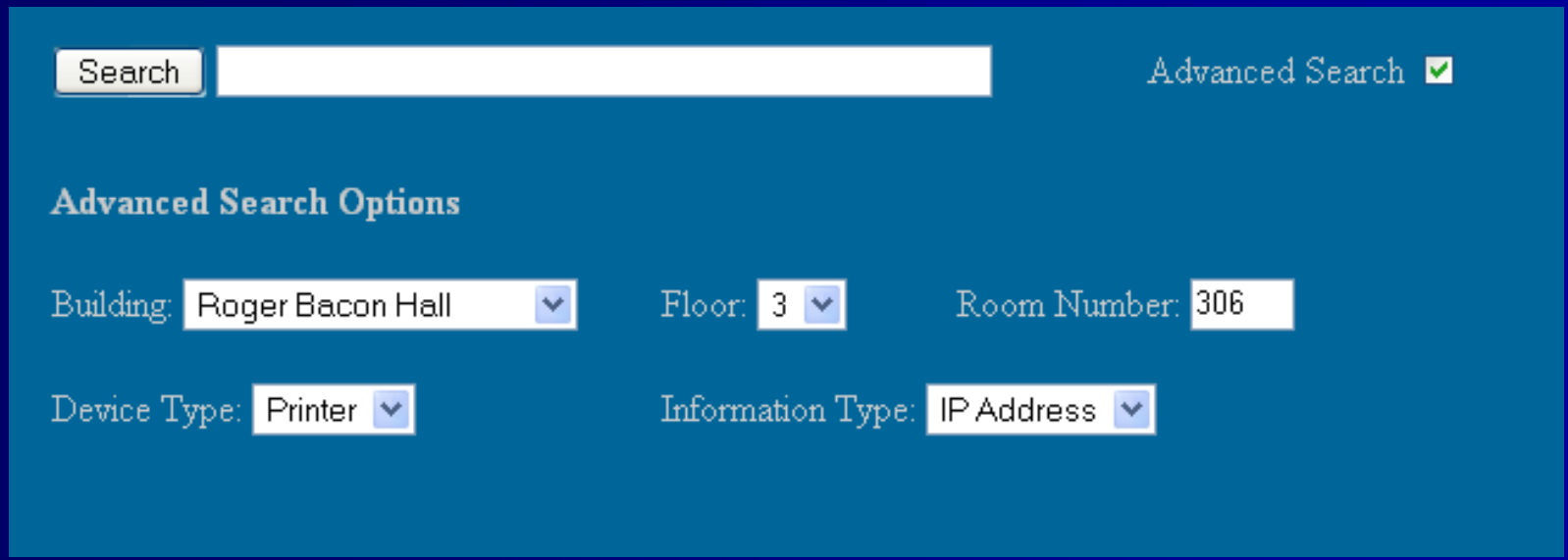
Floor Plan Prototype Screen



Room Layout Prototype Screen



Search Prototype Screen



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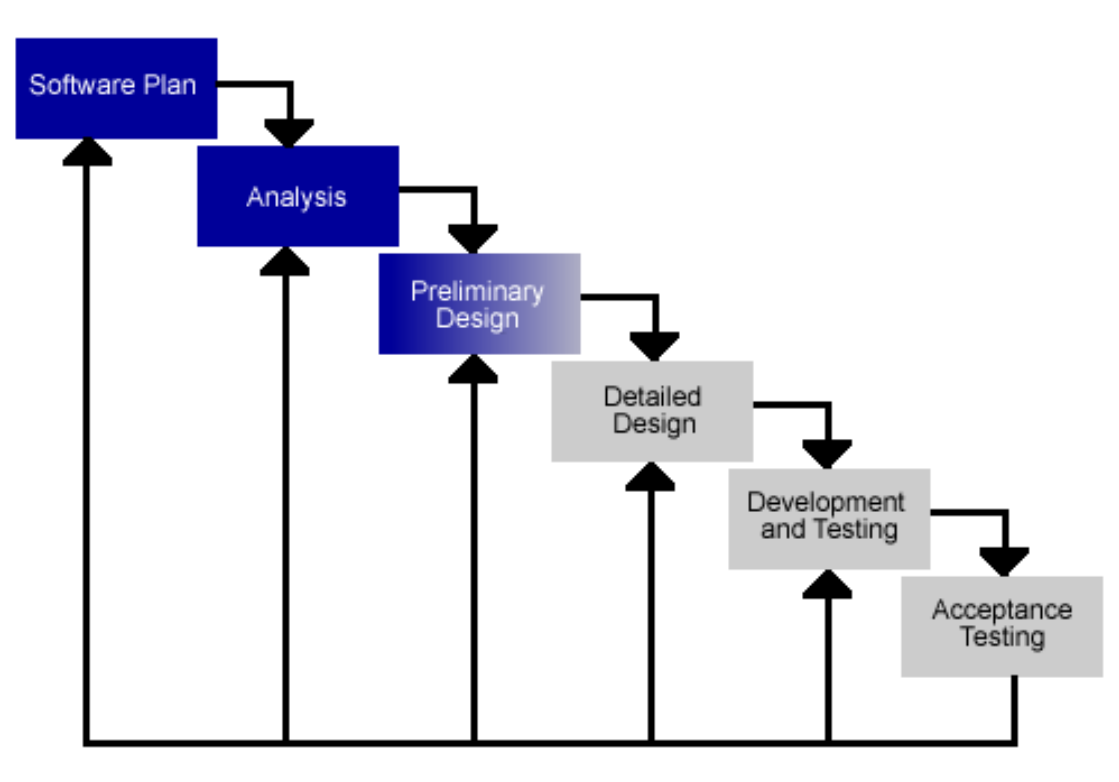
Summary

- Any Questions?
- Coming Up...

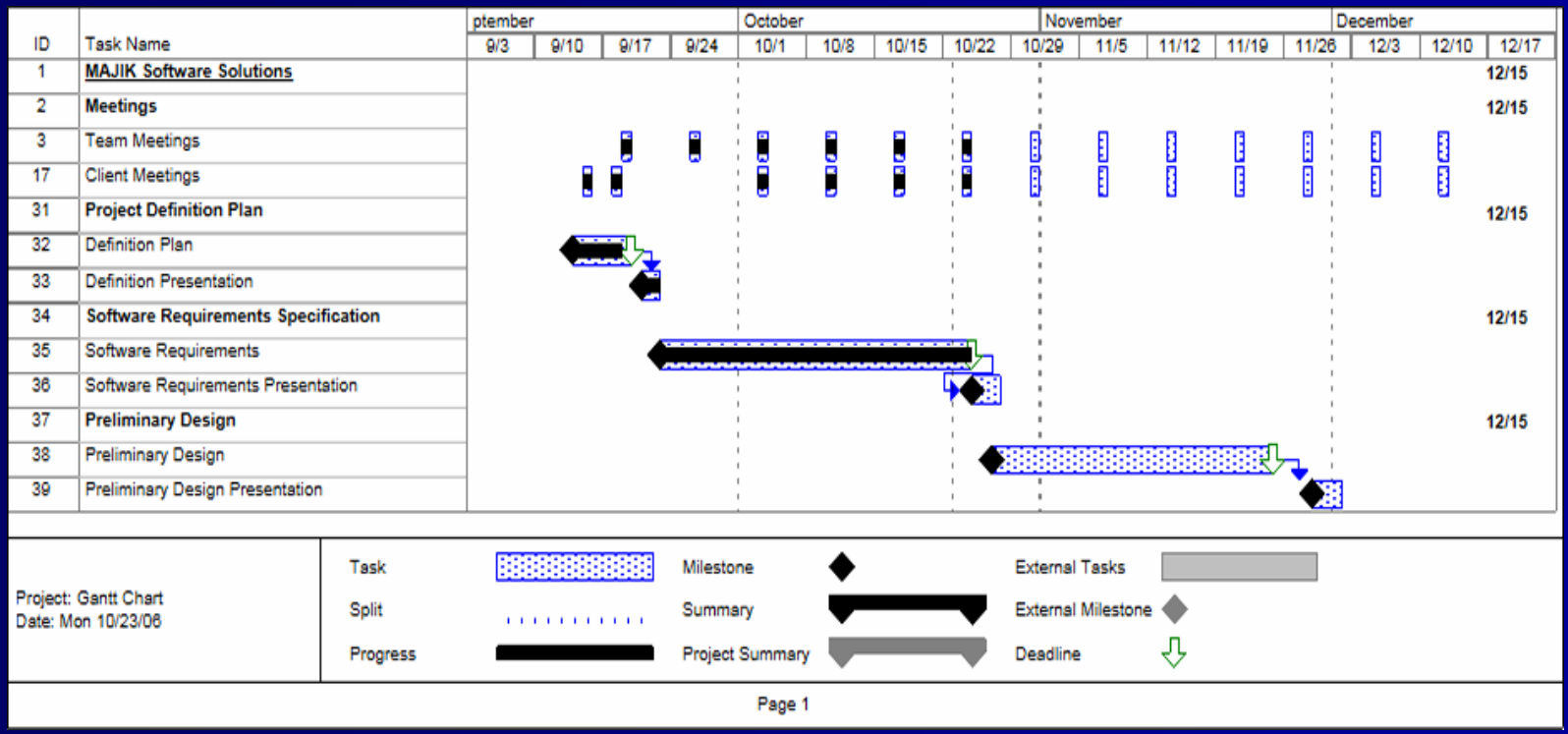
Project Status



Supporting Documentation

- Preliminary Design
  - Document: November 27, 2006
  - Presentation: November 29, 2006
- Detailed Design (Tentative)
  - Document: February 28, 2007
  - Presentation: March 2, 2007
- Acceptance Test (Tentative)
  - April 15, 2007

Timeline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October
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December
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10/1
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11/5
11/12
11/19
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ID
Task Name
1 MAJIK Software Solutions
2 Meetings
3 Team Meetings
17 Client Meetings
31 Project Definition Plan
32 Definition Plan
33 Definition Presentation
34 Software Requirements Specification
35 Software Requirements
36 Software Requirements Presentation
37 Preliminary Design
38 Preliminary Design
39 Preliminary Design Presentation
12/15
Project: Gantt Chart
Date: Mon 10/23/06
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Split
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Milestone
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External Milestone
Deadline
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Thank You!

We look forward to continue to work with you on this project.