

Paradigm Solutions

Welcome

Mr. Swarner

April 26, 2005

TCP/IP Packet Descriptor

Acceptance Test



Paradigm Solutions

Team Leader:

Jon Baker

Software Consultant:

Mark Mossman

System Administrator:

Mike Sebast

Librarian:

Justin Waterman

Senior Programmer:

Jim DeSario

Webmaster:

Ryan Fischer



Acceptance Test Presentation

Presentation Agenda

Jon Baker: Introduction & Conclusion

Mike Sebast: External Design

Jim DeSario: Internal Design

Justin Waterman: Testing



Agenda

Introduction

External Design

Internal Design



Live Demonstration

Testing

Conclusion



Agenda

Introduction

External Design

Internal Design

Testing

Conclusion



Testing Plan

- Semi-exhaustive Black Box Testing
- Attempt to check every facet of each page
- Tested on Internet Explorer, FireFox and Netscape



What being tested	Tested for	Pass or Fail	Comments
Internet Explorer			
Protocol Selector Screen (PrSS)	Does it load?	P	
PrSS	Is the protocol tree present?	P	
PrSS—Protocol Tree	Is HTTP connected to TCP?	P	
PrSS—Protocol Tree	Is FTP connected to TCP?	P	
PrSS—Protocol Tree	Is SCP connected to SSH?	P	
PrSS—Protocol Tree	Is SSH connected to TCP?	P	
PrSS—Protocol Tree	Is SMTP connected to TCP?	P	



Requirements Met

- Tested on a Windows computer with FireFox 1.0, Internet Explorer 6.0, Netscape Navigator 7.1
- Viewable in full screen
- Dynamically loads data from packets
- Active protocols work
- History Page present
- Three web-based pages
- Protocol Stack



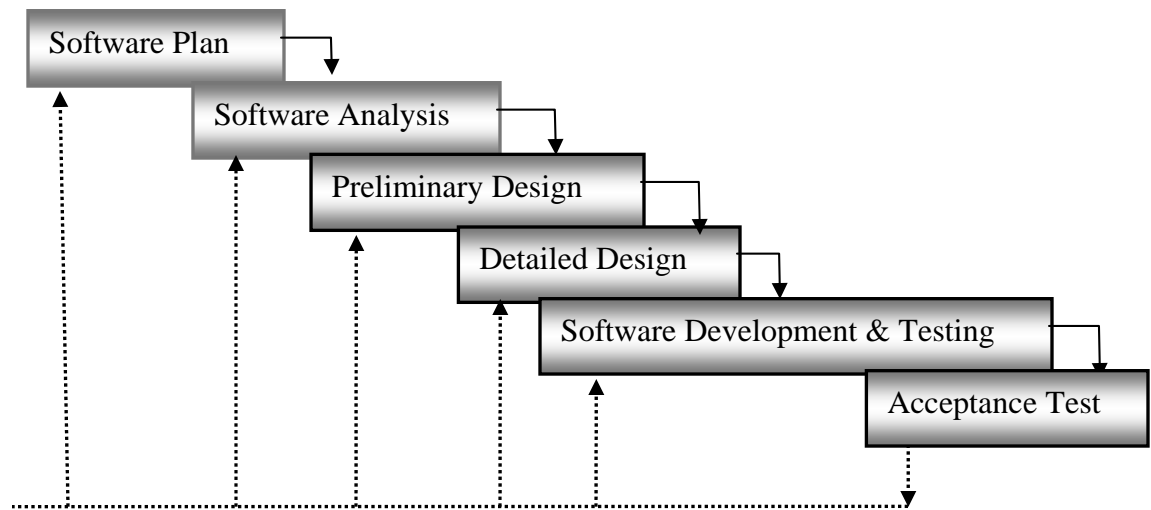
Requirements Not Met

- Not tested with Safari
- UDP Information Display does not work
- Occasional time out errors in SMTP and ICMP

Project Plan

■ Waterfall Model

- Software Plan
- Requirement Specifications
- Preliminary Design
- Detailed Design
- Acceptance Test

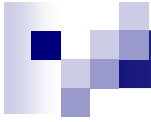




Upcoming Dates

Academic Celebration: **April 29th**

Software Engineering Party: **May 3rd**



Thank You

Mr. Swarner
and
Dr. Lederman



Thank You

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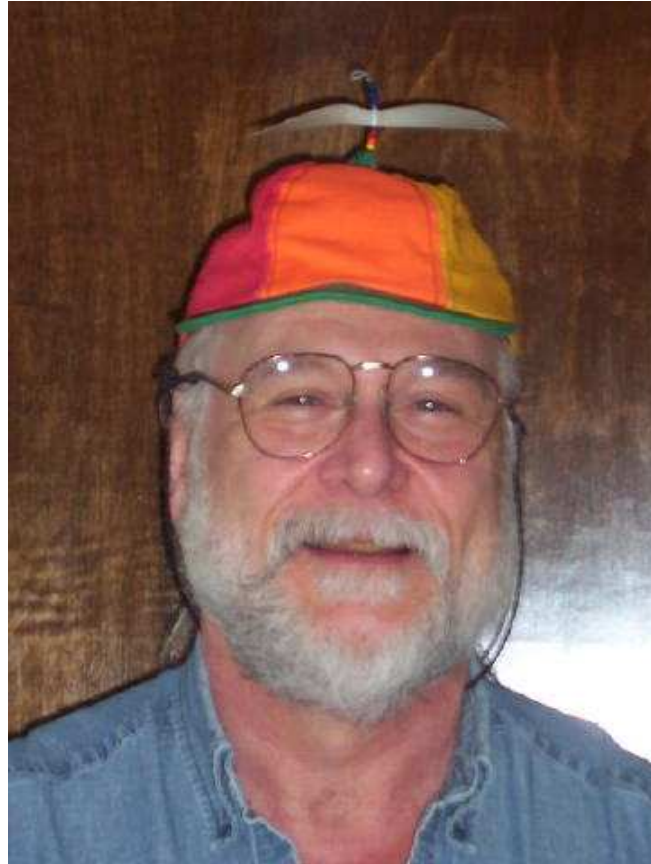
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IT'S TIME TO PARTY!!