

# NSG Software Development

Acceptance Test Presentation

May 2, 2006

# Welcome

Ms. Jami Cotler  
&  
Dr. Scott Hunter

# NSG Software Development

- ~ Justin Spegele - Team Leader & Webmaster
- ~ Matthew Warner - Lead Programmer & System Administrator
- ~ Kristen Dobreski - Librarian
- ~ Daniel Lomanto - Development Manager

# Agenda

- ~ Functional Requirements
- ~ Testing Procedure
- ~ Demonstration

# Functional Requirements

# Functional Requirements

- ~ There are three parts of our software:
  - ~ Parser
  - ~ Database
  - ~ Interface

# Parser

- ~ Compare a student's spreadsheet with the one given by the Course Coordinator.
- ~ Extract certain parts of each spreadsheet that is supplied.
- ~ Compare the two parts to see if the student is correct.
- ~ If student is wrong then that question is marked wrong and flagged for review by the Lab Instructor.

# Database

- ~ Organizes every student and lecturer in to appropriate tables in the database.
- ~ Students separated by both lab and lecture section of which they belong.
- ~ The database will hold information from past years classes.



# Database Cont'd

- ~ Some of the information that each student will have is:
  - ~ Name
  - ~ SID Number
  - ~ Lab Section
  - ~ Lecture Section
  - ~ Submitted Labs
  - ~ Grades of Labs

# Interface

- ~ The Interface is going to be on the web that both students and faculty will interact with on a regular basis.
- ~ Since it is used on the web, the software will be able to be used on any type of platform, using any type of web browsing software.

# Interface Cont'd

- ~ This system will need to output grade summaries to the following:
  - ~ Single labs for each student
  - ~ All labs graded for each student
  - ~ Grades for a single section for a single lab
  - ~ Grades for all labs for a single section
  - ~ Single question for a single section
  - ~ Single question for all sections

# Testing Procedure

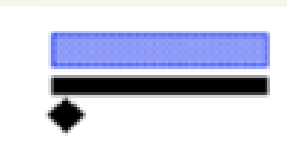
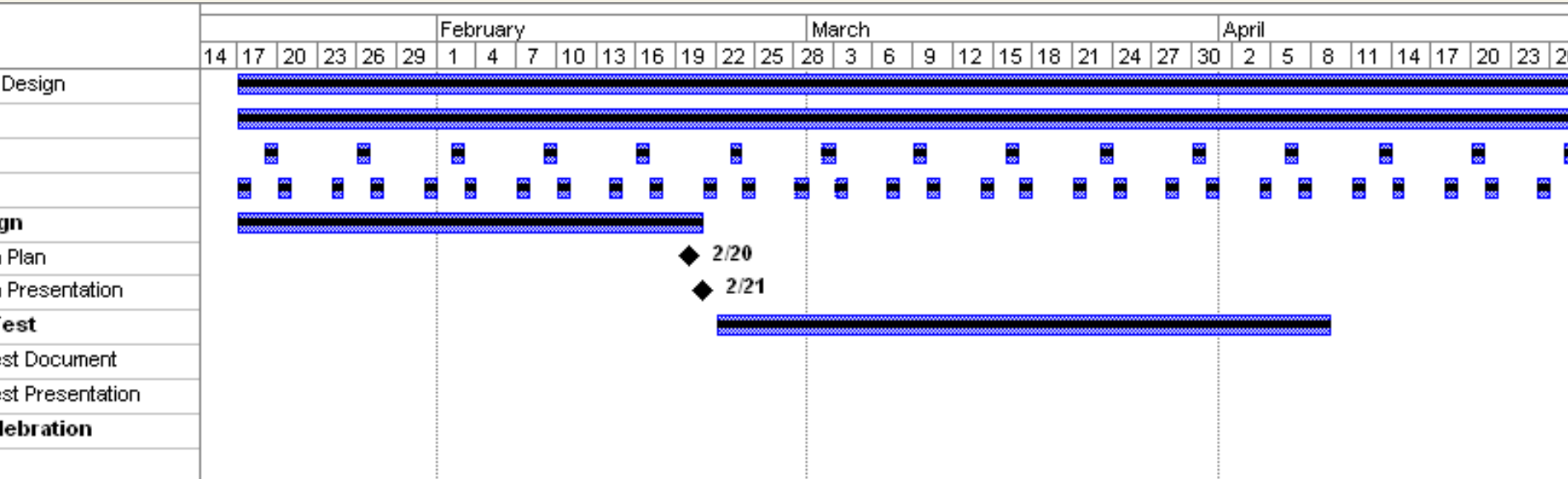
# Testing Procedure

## Sample Test Sheet:

<b>Screen: AEGIS Login Page</b>				
<b>Date: April 24, 2006</b>				
<b>Tester: Kristen Dobreski</b>				
<b>Screen: AEGIS Login Page</b> <b>Pass: X</b> <b>Fail:</b>				
<b>Field Name: "Username" Text Box</b>				
<b>Attempted</b>	<b>Expected Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Comments</b>
1. Right Click	Menu pops up	X		
2. Left Click	Allows user to enter text.			
<b>Field Name: "Password" Text Box</b>				
<b>Attempted</b>	<b>Expected Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Comments</b>
1. Right Click	Menu pops up	X		
2. Left Click	Allows user to enter text.			
<b>Field Name: "Login" Button</b>				
<b>Attempted</b>	<b>Expected Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Comments</b>
1. Right Click	Menu pops up	X		
2. Left Click	Calls the "Login" Function; Takes user to their splash page.			
<b>Field Name: "Register Now" Link</b>				
<b>Attempted</b>	<b>Expected Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Comments</b>
1. Right Click	Menu pops up	X		
2. Left Click	Takes the user to the new student registration page.			

# Demonstration

# Schedule



# What's Next?

- ~ May 5, 2006 - Academic Celebration
- ~ May 8, 2006 - End of Semester Meeting  
(Alumni House)



Thank You For A  
Great Year!

Any Questions?