

**Welcome  
Mr. Matthews  
and  
Dr. Vandenberg**

**SEG**

**Acceptance Test**

**April 26th, 2005**

# SEG

## Acceptance Test Presentation

Programming Contest Scoreboard and Submission

Thomas Hyne – Introduction and Conclusion

Melissa Hoffmann & Paul Califano – Program  
Demonstration

Mark St. Hilaire – Testing and Functional  
Requirements

# Programming Contest

[Team Contest Web Pages](#)

[Judge's Contest Web Page](#)

[Scoreboard](#)

[Outside Websites](#)

# Testing Plan (Teams Websites)

Course of action	Pass/Fail	Comments
Securely login to their team home page, ensuring a lower security risk?	<u>P</u>	F
Select whether they want to submit a solution to a problem or ask a question about a problem to the judges?	<u>P</u>	F
Submit a solution to the judges, for one particular problem, and also indicating which programming language it was developed with. Teams will be notified to use a specific naming convention when naming their solutions, which will allow the submission application to find the file and copy it into the judge's directory?	<u>P</u>	F
Ask a question to the judges about any problem by selecting the problem they have a question about, and entering text describing their inquiry?	<u>P</u>	F
View a message board of all question asked by other teams, as well as the judges response, which should be ordered by the problem number?	<u>P</u>	F
View the scoreboard of the contest they are competing in, which ranks teams based on number of problems answered correctly and the amount of time used to produce their solutions?	<u>P</u>	F
View the website with history of the contest, previous problems, and previous winners, before the day of the contest?	<u>P</u>	F

# Functional Requirements

- Team Websites
- Judge Websites
- Outside Websites
- Administration

# Team Websites Functional Requirements

- A display to allow teams to log into a system which allows them to see the status of all problems, submit solutions to problems, submit questions to judges, and have access to the message board and the scoreboard. - PASSED
- A submission link will bring teams to another page to allow them to submit solutions to different problems. With a specific naming convention, the program will automatically take a teams file and submit it to the judges into the “Submitted\_And\_Not\_Judged” directory on ORASERV. - PASSED

# Team Websites Functional Requirements (Continued)

- A “Submit Question” link will bring the teams to a page allowing them to ask the judges questions. - PASSED
- A message board where teams can view all questions asked by other teams, and the Judges’ answer. - PASSED
- A scoreboard link will allow teams to view the standing of the contest based on the number of questions answered, and how long, in total time, a team has taken. – PASSED
- The scoreboard should show teams in ranked orders. - FAILED

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# Judges Websites

- The Judges website contains a file browser that will allow judges to receive teams' submitted solutions and submitted questions. - PASSED
- After the judges run and evaluate the teams' solution, the judge can send the appropriate team the outcome of the solution. - PASSED

# Judges Websites (Continued)

- The Judges' website will allow judges to receive text files from teams on specific problems. – PASSED
- Judges can answer the teams' questions and send them to a message board to allow all teams to view the question and answer. – PASSED
- Judges can answer a teams' questions and send them ONLY to the team to view the answer. - FAILED

# Functional Requirements

- Team Websites
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# Outside Websites

- Outside users can view a website that will contain history of the contest and how to sign up. – PASSED
- Outside users can view a website that will contain a list of problems from old contests. – FAILED
- View a scoreboard with information from the current/most recent contest. – PASSED
- Teams should be sorted in rank order on the Scoreboard, based on number of questions answered correctly and total time used. – FAILED

# Functional Requirements

- Team Websites
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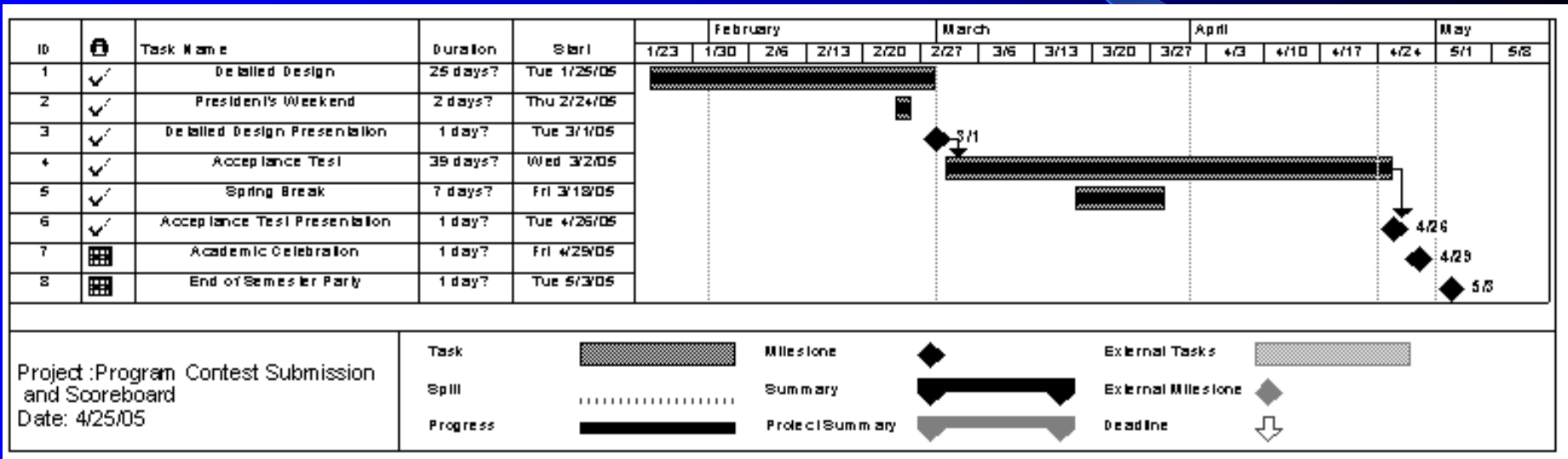
# Administration

- The Administrator must update all the websites to make sure all the correct information is present. Could include adding problems, programming language that could be used, etc.. – PASSED
- Update the Previous Problems website with problems from the past contest and update the history page to display the new contest winner - PASSED

# Administrator (Continued)

- Insert all of the team names onto the scoreboard for an upcoming contest – PASSED.
- Make sure all the correct information is displayed on the message board and scoreboard – PASSED.
- Make sure the copying/moving of files from one directory on Oraserv to another. - PASSED

# Gantt Chart





# Upcoming Dates

- Academic Celebration – April 29, 2005
- End of the Semester Party – May 3, 2005

Thank you for a wonderful  
year.  
Any Questions?