Final Project

You may do this individually or in a team with 1 other student. Use the Bulletin Board to help one another out with this project.

Your final project will combine your Javascript skills, along with Perl CGI programming, and Mysql.

As for the project itself:

Create an online Quiz that both grades itself and stores the results in a database. Quiz takers should be able to:

- Enter their names or some sort of ID code to create an account.
- Receive immediate feedback about their performance
- Be able to log on at a later date and see a record of their quiz score
- You should only be allowed to take the quiz once

The quiz can take the form of a multiple-choice test, a crossword puzzle, a spelling bee, an anagram puzzle, etc. The user should be able to log in to the game/test, play it, receive a score, and then later come back to re-login and check their score. (There should be between 5-10 questions on the quiz.)

Point Spread: 25 Pts Possible

Could I login the first time:	5 pt
Was there form validation for the Login Screen:	4 pt
Was there form validation for the Test/Quiz Page:	4 pt
Did it give me a score:	4 pt
Could I login a second time:	4 pt
Was my score saved:	4 pt

Assignment Sheet

- **Name:** *Project*
- **Course:** *Cisw 310*
- **Date Due:** *Dec 14*
- **Points:** *25.00*
- **Turn In:** *URL Required*

HELPFUL ADVICE:

The best thing to do is to use Javascript to validate the quiz and PERL for the database part of the project. For the javascript -- DON'T use FRAMES. This makes it pretty hard to validate. Frames are not particularly easy to work with in tandem with Javascript and you will run out of time if you have to learn an entirely new windows object.

Put the entire quiz on one page. Some people like to have one question per page, and the quiz advances to the next question only after you have answered the previous question. This is actually a harder script to write -- it is easier to simply have a single page with questions that give you one score at the end of it.

You only need to do ONE quiz. Don't waste too much time coming up with a whole bunch of quizzes. You'll run out of time.

To store the score from the Javascript page in your database, you will most likely have to embed your ENTIRE javascript page directly into a PERL script. This is relatively easy to do. You may however have to *slash out (escape)* characters. **This is the issue we covered in your first Perl assignment where you had to fix the regular expression and the alert().**

Keep it simple. The quiz should be no more than 10 questions long.