CSCI-4448/5448: Project Description Spring 2016

Team member

Yen-Teh Liu , Bader Alshemaimri, Catherine Dewerd

Title

Online Quiz Web Application: a quiz application platform enables students to take the quiz and teacher to post the quiz.

Description

We want to build a platform that allow teachers to post their quiz on it, and the students can directly finish the quiz online. The main format of the quiz will be true/false problems and multiple choice problems. Every quiz sheet will have its corresponding gold answer sheet so that once the student's answer is submitted through the App, the App can automatically reply the score to both the student and the teacher. We could think of the student as the customer side that they only can take the quiz, get their own score report and make a request to the teacher for questionable problems. On the other hand, the teacher will be the client side that they have authority to post the quiz, view all the students' score and the overall quiz circumstance (mean, variance, how many students failed, ...etc) to check if the quiz is too hard or too easy or just fine. Besides, the teacher can send public message to all the students (maybe answer the students' question or clarify the problems during the quiz).

Programming Languages

Languages\Students	Yen-Teh Liu	Bader Alshemaimri	Catherine
PHP	Beginner	Intermediate	Intermediate
Javascript	Intermediate	Intermediate	Intermediate
HTML	Intermediate	Intermediate	Intermediate

CSS	Intermediate		

Functionality

- Teacher(client) to post the quiz and gold answer
- Teacher can have access to every student's score
- Teacher can get overall quiz report
- Teacher can broadcast message to all the student who is taking the test
- Student with authority can take the quiz online
- Student can get their own grade after he finish the quiz
- Student can throw message to teacher.