

CSCI-4448/5448: Project Description Spring 2016

Team Members

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Title - QuizApp

Online Quiz Web Application: a quiz application platform lets a teacher post a quiz and answers, students to take the quiz, and the teacher to view the results.

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 each 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).

Platform/Environment

Php backend for a website accessible via desktop web browser.

Programming Languages

Languages/Experience	Yen-Teh Liu	Catherine dewerd	Bader Alshemaimri
PHP	Beginner	Beginner	Advanced
Javascript	Intermediate	Intermediate	Intermediate
HTML	Intermediate	Beginner	Intermediate
CSS	Intermediate	Beginner	Intermediate

Functionality

- Teacher(client) to post the quiz and gold answer sheet
- Teacher receives a unique code to give to students
- Teacher can have access to all student scores
- Teacher can get overall quiz report

- Teacher can message all the students who are taking the test
- Student with correct code can take the quiz online
- Student can get their own grade after they finish the quiz
- Student can message the teacher.