

Cy Dixon – Project Report – Phase 3 CS 396

Intro

Phase 3 of this project includes the implementation of student Grades and score analytics. This can all be viewed by the teacher accounts and students can view their own scores. This phase was slightly shorter in length compared to the previous phases, but includes a lot of useful functionality.

Quiz App

For the Quiz app I have changed a few models. I optimized a lot of the current models in the quiz app and added some more fields to the SubmissionAttempts. One field added into QuizTaker model as well, which is percentage and attempts models.

Account App

The Account app now houses some new models as well. These new models include Subject, LetterGrade and changes to the Grade models. The Grade model now has a percent field that stores the percent of the students scores. These new models are used to look at student performance and show students their grades.

Templates

Newly added templates for this project include a scores.html page and search results pages for different criteria. There is also a new attempt.html page to show user attempts for various quizzes. These templates are all handled within the views of their respective app. A form was set up within the Account app for setting a student's grade, which is passed into the scores.html so that an admin can set grades per weights.

Summary

In all this project has taken me a large amount of time and energy to complete. I am very happy with it and all the new functions I have added to it. I have learned so much about web design and Django and hope to use it more in the future.

