

Homework #2: Discussion of App Function

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Discussion:

In Homework #2, we were given the task to improve the design of the Quiz Maker application and add CSS to improve the application's look and feel. After examining the various choices for our base HTML code, we felt that the Clean Design best represented our goals for the application. In order to maximize usability, we implemented a flat design that kept unnecessary visual effects to a minimum, without compromising important features.

Functionality:

We based our HTML code off of the Clean Design, since we felt that their vision closely matched our intentions for Homework #1. However, many features that we included on our original design had to be added to the Clean Design. The new features and functionality include:

- **Quiz Name:** User will be able to give their quiz a name (e.g. Philosophy Final Exam).
- **Course Name:** User can specify the name of the course (e.g. ECON 171).
- **Professor's Name:** User can specify the name of the professor for the course (e.g. Smith)
- **Date:** User can give their quiz a date
- **Time:** User can give a time limit for their quiz
- **Instructions:** Users can add instructions to the quiz and its sections (e.g. "Check all correct answers).
- **Question Type:** Users can add True/False, Short Answer, Fill in the Blank, or Short Answer questions to the maker by dragging the left buttons to the appropriate area.
- **Point Value:** Users can assign a point value to each question.
- **Page Number:** Users can add questions to separate pages.
- **Preview:** Allows the user to preview their quiz before publishing it.
- **Save:** Users can save their quiz to prevent them from losing their work.
- **Publish:** Generates the quiz taking page, where students are able to take their quiz.
- **Top/Bottom of Page:** The arrows above the sidebar send the user directly to the top or bottom of the page.

CSS:

When coming up with a design, we felt that a flat design was consistent with current trends in web design. The page has been outfitted with varying degrees of blue with white text. In addition, many other sections have been redesigned. All of these cosmetic changes were implemented to increase usability to the user.

- **Header:** We changed the header from a centered, fixed width to one that covers the full width. This fluid design maximizes usability for both users of large and small resolutions.
- **Buttons:** When hovering over a button, both the text and background color change color. This minimizes the chances that the user will unintentionally select the wrong button.

- **Text Size:** The size of the section header text have been increased to provide greater visibility to each section.
- **Delete:** Image has been replaced to keep consistent with our overall design.