Overall Design Document
Group 3 - Team Awesome

Architecture/Code Structure

HW4 = Main Folder
- css folder = Folder that contains three CSS files which style the Maker, Taker and Preview html files.
  - joyride-2.1.css
  - maker.css
  - taker.css
- img folder = Folder that contains several png images that are used in the html files.
- js folder = Folder that contains all of the JavaScript files used in our implementation of the html files.
  - jquery-1.10.1.js
  - jquery.cookie.js
  - jquery.joyride-2.1.js
  - maker.js
  - modernizr.mq.js
  - preview.js
- Maker.html = HTML file that contains the QuizMaker.
- Taker.html = HTML file that contains the QuizTaker.
- Help.html = HTML file that contains the help feature for the QuizMaker.

All of the code has been commented for easy viewing of what each part does.

Features

1. Question Add
   - Ability to add a question chosen from the Question type section through drag and drop as well as double tapping a question.
2. Question Delete

- Ability to delete a question by clicking on a the trash icon next to a specific question.
3. Question Edit
- Ability to edit any of the questions you so choose.
4. Drag Reorder
- Ability to reorder questions by dragging and dropping the questions in whichever order you choose.
5. Keyboard Navigation
- Ability to navigate the web page using the tab key.
6. Point Counter
- Ability to change the amount of points on each question which is then reflected in the point counter at the top of the webpage.
7. Preview Feature
- When finished creating the quiz, you are able to preview the quiz by pressing the preview button under the Options section.
8. Sectioning mechanism
- The Quiz Maker has several sections including:
- **Header**
- Maker
- About
- Contact
- Help
- Tutorial
- **Question Type**
- True/False
- Multiple choice
- Fill in the blank
- Fill in after
- Short answer
- Image
- Instructions
- Section title
- Page break
- **Options**
- Class
- Random question order
- Quiz time
- Start/End date
- Choices of

- Preview
                        - Publish
                        - Save
                        - Clear
                    - Saved Quizzes
                - Question Preview
                        - Quiz title
                        - User inputted questions

9. <u>Answer mechanism</u>
        - All of the question types have different answering mechanisms. E.g. true and false options for True/False, multiple options for Multiple choice, etc. etc.

10. <u>Clear</u>
        - Button which allows the user to clear all of the inputted data in order to restart creating the quiz.

11. <u>Save</u>
        - Button which uses ajax to package the json object and send it to a "server".

12. <u>Publish</u>
        - Button which publishes the created quiz.

13. <u>Load</u>
        - Button which uses ajax to receive the json object from the "server".

14. <u>Help</u>
        - Able to view an HTML file which contains a new page which displays how to use the website.

15. <u>Tutorial</u>
        - Much like help, this feature shows the user exactly how to use the website through a step by step guide.