You Can't Say That Web App

Support Contacts

**Hannah Williams**

hrw115@psu.edu

867-0202

**Ben Brautigam**

bjb40@psu.edu

867-4395

Overview

The "You Can't Say That!" mobile web application is a JQuery Mobile (JQM) implementation utilizing a bit of dynamic html.

The following files are fundamental to how it works:

**Index.html:** The homepage of the app which contains all basic html.

**info-panel.html:** Right-hand panel of the application.

past\_challenges\_panel.html: Left-hand panel of the application which contains all of the navigation for past challenges. Edit this file to maintain a history of challenges.

**challenge\_date.js:** This page contains all of the content that controls the way the web app delivers content. All new challenges will be defined in this file.

**logic.js:** This page contains all of the logic for how the dynamic html is fed into JQM's interface.

**images directory:** Place all images for the app in here.

**css directory:** css file is contained here.

Challenge\_data.js Array Documentation

The challenge\_data.js file contains two primary components.

1. a global variable called 'challengeNumber'

2. an array with many properties called 'challenge'

**var challengeNumber:** The setting of the global variable 'challengeNumber' will tell the code which item in the array should be presented on the index of the web app. Remember, arrays always start with zero.

**var challenge:** Setting specific items in each part of the array will allow the code to toggle through desired settings.

The Challenge Array

{challengetype: "structured", //options are "freeform", "structured"

question:"Do you eat your peas with honey?",

media:"image", //options are "image", "video", or "none"

videosource:"http://www.youtube.com/embed/LSFX9vrwJf8",

imagesource:"http://i4.mirror.co.uk/incoming/article1443682.ece/ALTERNATES/s615/Rowan%20Atkinson%20as%20Mr%20Bean-1443682",

imagedescription:"Mr. Bean",

answers:["always", "sometimes", "never"],

answertags:["always", "sometimes", "never"],

challengetag:"etstest2",

primarytag:"etstest"},

**challenge type:** This will determine what sort of question you are asking per the response structure you desire to see.

**question:** The challenge question!

**media:** If you desire to display an image, video, or no media at all with the challenge question, toggle through those choices.

**video source:** Source location of the video. Right now, youtube is the safest bet to embed. Make sure to use specifically the "embed" code address only. The url in the browser window will not render. To find the embed code:

1. locate your video in youtube

2. share -- > embed

3. You will find this entire bit of code in the embed area:

<iframe width="560" height="315" src="//www.youtube.com/embed/bjef4QiKWfg" frameborder="0" allowfullscreen></iframe>

You only need the src part however, so that you end up with:

videosource:"//www.youtube.com/embed/LSFX9vrwJf8",

**image source:** Location of the image you want to include. If including a file locally, dump it into the images directory on the file system.

**image description:** This is only required if you have an image you want to display. It represents that alternative text tag for the purposes of accessibility. Provide a meaningful and descriptive bit of text for each image.

**answers:** This section of the array can have as many comma-separated, quote-encased responses as you would like. Each answer you provide will produce one toggled drop down in the 'structured' interface.

**answertags:** Each answer you provide can/should have its own specific answer tag. Make sure that you have as many tags as you have answers. Also, do not include a hashtag in this list - just plain text.

**challenge tag:** This tag defines how you will identify this challenge for search ability purposes in twitter. Ex. #ycstCH2 or #Soc119Challenge3

**primary tag:** This is the main tag for the course. Ex: #ycst or #soc119

Create a New Challenge

1. Open challenge\_data.js

2. Copy the array including the comments and append it before the ]; below the last array

3. Edit content in the new array

4. Save and upload the file.

Updating the Past Challenges Archive

1. Open past\_challenges\_panel.js

2. Copy the last line from <p> to </p> and append to the next line (which should be the last line).

3. Update the Challenge number with the array value of the challenge you desire to retire within the anchor tag where the javascript exists. Ex: challengeNumber=1

- NOTE: Make sure to increment the numbers consistantly, otherwise the code may grab the wrong part of the array holding the data.

5. Update the Challenge number between the <strong> tags.

- NOTE: This value will be one number increment higher than that of the array value since arrays always start at zero.

4. Save and Upload the file.

Expected Behavior

**For Desktop Computers:**

* Twitter Mobile Link

**For iOS Devices:**

* Twitter Mobile link
* Instagram will open native app. The native app needs to be present on the machine, otherwise the link will fail.

**For Android Devices:**

* Twitter Mobile Link
* Instagram icon will yield a popup window telling people that they can launch the native app with the following tags. Instagram currently has no hooks that allow web apps to open native applications.