

# Web Development – Mr. Turner

## Project – Mad Libs

### Project Overview

A Mad Libs is a story where several words are left out. The player sees just the types of words they need to fill in (nouns, verbs, adjectives, places in Europe, etc...). Once they're done filling in the words, they get to see the story with their words filled in. It's hilarious!

### Display

The page is broken up into 2 parts.

- The first part is the user interface part.
  - There will be a list of available stories.
  - There will be a selection that says, "Choose a random story".
  - It gives the user the list of word types they need to fill in and a place to fill them in.
  - It should have a submit button for when the user has completed filling in all of the words.
- The second part is the story display.
  - The display is hidden until the user clicks the submit button in the first part.
  - The display will show the story with the user's words put into the right places.
  - The user's words will be highlighted in some way to indicate that they were inserted by the user.
  - Each of the user's words will have an indication of the word type near it so that the user has that point of reference.
  - There will be a "choose new story" button.

### Functionality

When the page loads, the page will make a request to the server for a list of available stories. That list will be displayed in the user interface section.

When user selects one of the listed stories, the page will make a request to the server for a story. The story is stored in a text file with indications of the blank spaces and what types of words should be put in there. There is no restriction on the types of words the stories can ask for. They can be as generic as **noun** or as specific as **underwater creature**.

After the story is loaded, the system will parse out the word types and display them with text boxes so that the user can begin their entry. The page should only show as many word types and boxes as exist in the loaded story.

There should be no restrictions on what the user can type in as their words. The purpose of the page is not to police the user's responses.

The submit button should not work unless all of the word fields are filled in.

Once the submit button is clicked, the story should appear in the second section as detailed in the display portion of this document.

### **Enhancements**

- Keep track of how many times each of the stories has been played. Display that information next to the story and highlight the story that has been played the most and the story that has been played the least.
- Create a "build your own mad libs" page that allows the user to write their own story. They will be able to choose which words are removed from the story and define their word types. Those stories will be added to the list of available stories when the page is loaded.