PHP: Madlibs app

Mad Libs is a word game. Get parts of speech from the user. Then display them in a pre-written scenario.

NB: This is fraught with danger since students can write some off-color items.

*The creator of Mad Libs passed away recently – Leonard Stern.*

Design specifications:

GET a set of nouns, verbs, adjectives from the user.

//CALL beach.php

OPEN a file

WRITE data to the file in csv

CLOSE file

--

OPEN file for read

//remove the commas by using the explode function

ADD data to array

DISPLAY story with data added

CLOSE file

Allow user to create a new set of data (nouns, verbs, adjectives)

Here’s the story:

A trip to the beach
 Yesterday [OPPOSITE SEX] and I went to the beach.   We had a really [ADJECTIVE 1] time! First, we [VERB –ED] with my [NOUN1].";Then we ran down to the ocean and went [VERB IN -ING]!  Afterward, we barbequed  some [FOOD] for lunch. Before the sun set we had to [VERB] on the [NOUN2]. We were really [ADJECTIVE 2] to come home. We are hoping to go to the beach again soon!

Here are the files which the students are expected to generate:

<html>
<!--This program allows the user to type in a set of nouns, adjectives and verbs.

file: beach-getdata.html
It calls beach.php so it eventually tells a madlibs story.
-->
<head>
<title>Get Data</title>
<link rel="stylesheet" type="text/css" href = "madlib.css" />

</head>
<body>

<h2>Get the story started</h2>

<form action="beach.php" method=post>
<fieldset>

<legend>Parts of Speech </legend>

<p><label> Name - opposite sex </label></p>
<p> <input type="text" name="oppsex" /></p>

<p><label> adjective 1</label></p>
<p><input type="text" name="adj1" /></p>

<p><label> verb - past tense (-ed)</label></p>
<input type="text" name="verbed" /></p>

<p ><label> Noun 1</label></p>
<input type="text" name="noun1" /></p>

<p ><label> verb - ing</label></p>
<p ><input type="text" name="verbing" /></p>

<p ><label> food</label></p>
<p ><input type="text" name="food" /></p>

<p ><label> verb - something lively</label></p>
<p ><input type="text" name="verb" /></p>

p ><label> Noun 2</label></p>
<p ><input type="text" name="noun2" /></p>

p ><label> adjective 2</label></p>
<p ><input type="text" name="adj2" /></p>

<p  class ="submit" > <input type = "submit"  value = "Story Time" /> </p>

</fieldset>
</form>
</body>
</html>

--
<?php
/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
  file: beach.php

  called from beach-getdata.html
saves data to a text file with w access so it can be rewritten
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/
include('madlib-header.inc');
page\_header('Beach Story');

$oppsex = $\_POST['oppsex'];
$adj1 = $\_POST['adj1'];
$verbed = $\_POST['verbed'];
$noun1 = $\_POST['noun1'];
$verbing = $\_POST['verbing'];
$food = $\_POST['food'];
$verb = $\_POST['verb'];
$noun2 = $\_POST['noun2'];
$adj2 = $\_POST['adj2'];

//save the data to a file named beachstory1.txt as csv

$file = "beachstory1.txt";
$fh = fopen($file, "w");
$data = $oppsex.",".$adj1. ",".$verbed.",".$noun1.",".$verbing.",".$food.",".$verb.",".$noun2.",".$adj2. "\r\n";
fwrite($fh, $data);
fclose($fh);
//checking

echo "<hr />";

echo "<a href = \"beach-readstory.php\">Read the story </a>";
?>
--
<?php
/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
    file: beach-readstory.php
    opens text file beachstory1.txt
    and fills array
    outputs the story
 allows the user to enter new data or read the story again
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/
include('madlib-header.inc');
page\_header('Beach Story');

$file = "beachstory1.txt";
$fh = fopen($file, "r");
while($thisstoryline = fgets($fh, 2048))
{
  $field = explode(",", $thisstoryline );
  $oppsex  = $field[0];
  $adj1    = $field[1];
  $verbed  = $field[2];
  $noun1   = $field[3];
  $verbing = $field[4];
  $food    = $field[5];
  $verb    = $field[6];
  $noun2   = $field[7];
  $adj2    = $field[8];

  //output to story line

  echo "A trip to the beach <br />";
  echo "Yesterday $oppsex and I went to the beach.";
  echo " We had a really $adj1 time!";
  echo " First, we $verbed with my $noun1.";
  echo " Then we ran down to the ocean and went $verbing!";
  echo " Afterward, we barbequed  some $food for lunch.";
  echo " Before the sun set we had to $verb on the $noun2.";
  echo " We were really $adj2 to come home. We are hoping to go to the beach again soon!";
  echo "<br />";

}

fclose($fh);
echo "<hr />";
echo "<a href = \"beach-getdata.html\">back to get data </a><br />";
echo "<a href = \"beach-readstory.php\">Read the story again</a>";
?>
--
<?php
/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
file: madlib-header.inc
page\_header function
incorporates css

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

function page\_header ($title)
// Use this function to make an easy page header with a title.
// This version uses a CSS file to modify the appearance.

{
    echo "<html> \n";
    echo "<head> \n";
    echo " <title> $title </title>\n";
    echo " <link rel=\"stylesheet\" href=\"madlib.css\" type=\"text/css\">";

    echo "<body> \n";
    echo " <fieldset> ";

    echo " <legend>Beach Story</legend> ";
}
echo "<br /><br />";

?>

--

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
file: madlib.css

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/
html
 {
     margin:0;
     padding:0;

 }

body{

    font-family: arial;
    font-size: 16px;

    margin:2em 0 0 5em;
     padding:0;
     font-family: 'Palatino Linotype', Garamond, serif;
     background: #406E72; /\* pastel greenish \*/
     color: #FFF;

}

label {
 display: block;
 width: 200px;
 float: left;

 padding-left: 5px;
    text-align: right;

    font-weight: bold;

}
input {
   float: clear;
    display: block;
    width: 150px;
    float: left;
    position: relative;
    margin-left: 4px;
    margin-bottom: 15px;

}

fieldset
{
border: 1px solid #BF3044;/**\*reddish\***/
width: 30em;
padding-bottom: 20px;
padding-left: 10px;
}

legend
{
color: #fff;
background: #A8A8B3; /\*pastel light green \*/
border: 1px solid #FFFF66; /**\*reddish\***/
padding: 2px 6px;
}

.submit  input
{

color: #fff;
background: #5877B1;/\*gold \*/
border: 2px outset #FFFF66; /\*outset so it looks like a button \*/
margin-left: 4em;
margin-top: 2em;
font-weight: bold;
width: 100px;
padding-bottom: 5px;

}

h1{
    color: #666633;
}

a{
    text-decoration: none;

}
a:link{
    color:#000; /\* black \*/
}

a:visited{
    color: #000; /\* black \*/
}
a:hover {
    color: #DAE492; /\*grey \*/
}