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 \*/   
}