CREATING a Slide show Application

TERM PROJECT

Due on 8-23-2018

Late Date on 8-27-2018 (-10 points)

**Description**

Create a Slide Show application using JavaScript and jQuery.

**Part 1.**

**Create a Web Page** using HTML and CSS

It must include the following elements, but not limited to:

* + Heading
  + Image to be used as the placeholder for the slide show’s images
  + Caption for the image
  + Three buttons to play the Slide Show

The example below shows how the page might look like:



**Part 2.**

Add necessary JavaScript and jQuery code to do the following:

1. The Slide Show should start on page load with only one button in the middle being enabled. This button should display “**Pause**” initially. Make images change every 2-3 seconds. This button is to be used to pause/play an automatic Slide Show. For the automatic slide show the current image and caption should fade out over one second and the new image and caption fade in over one second as well.
2. Two other buttons should display “**Previous**” and “**Next**” and be disabled initially. Those buttons will be used by the user to manually run the Slide Show.
3. Add the code that stops the automatically playing slide show on odd clicks of the middle button and starts it on even clicks. When the slide show is stopped, the value of the middle button should be “**Play**”. When the slide show is running, the value of this button should be “**Pause**”. Also, the other two buttons should be enabled when the slide show is stopped and disabled when the slide show is running.
4. Add the code that displays the next slide when the **Next** button is clicked. The **Next** button should become disabled if the last slide is displayed. Also, the **Previous** button should be enabled if the **Next** button was clicked at least once.
5. Add similar code that displays the previous slide when the **Previous** button is clicked. The **Previous** button should become disabled if the first slide is displayed. Also, the **Next** button should be enabled if the **Previous** button was clicked at least once.

**Part 3.**

**Document your project’s design and functionality**.

It must include the following information:

1. **Cover Page.**
2. **Description** of the design and functionality.

**Part 4.**

**To submit:**

Submit the document with the project description and all your project files in a .zip folder**.**

**Submit on Blackboard**

**Filename: Full Name1, Full Name 2 – CIT 215 Term Project**

**Attach Project files**

**In Class Presentation Dates: 8/28/2018;; 8/30/2018;; 9/4/2018**

PowerPoint 10 slides

GRADING STANDARDS for the PROJECT

|  |  |  |
| --- | --- | --- |
|  | Description | Number of points |
| 1 | Code Quality:   * All the requirements for the functionality are met | Up to 35 |
| 2 | Project Description:   * Description sufficiently explains the functionality (max 10 points * The code includes comments that sufficiently explains the code (max 10 points) | Up to 10 |
| 3. | Design and/or functionality enhancements | Up to 10 |
| 3 | Ability to answer Instructor’s question about the project | 15 |
| 4. | Presentation - PowerPoint | 30 |
|  | Total: | 100 |