CS 3651 – Final Project Website – (Part 2/2)

Overview:

Your team will produce a webpage that documents your final project. You should build upon part 1 of this assignment, but be much more detailed. ***If you lost points on part 1 for any reason, you should resolve those issues or you will also lose points on part 2 for the same issues!***

Your webpage must include directions, schematics, diagrams and parts lists that would allow others to replicate your project. Your webpage will also include a space for a video overview of your project that demonstrates it functioning, (The video will be a different documentation assignment)

Details:

The website should feature your final project and team members. It can be based off of your part 1 website (but greatly improved) or it can be a completely new design. Include all the gory details now that you are done!

Content your webpage must include:

- Intro/Motivation: What is your final project? What is it good for? Why did you build it?
- How it works: Video placeholder, pictures, diagrams, text description.
- Parts used: Detailed parts list including suppliers, part numbers or any relevant specifications that would allow another to purchase all the same parts (or their equivalents). Directions on how to build any custom manufactured parts (including model files if CAD/CAM was used).
- Build Details: Instructions of sufficient detail to allow another person or team to replicate your work. Think how-to article in Popular Mechanics, or a good Instructables page. (If you want, you can make an instructables page and link to it for this requirement.) Include links to download any required software/code you have produced that is required for operation.
- A table, graph and/or spreadsheet outlining the hours you have spent on the project. You should separate out hours that the project will take to build following your directions from hours you spent on Research & Development that will be saved by following the directions.
- Enough photos of your completed prototype to accurately portray it. Include interior shots of needed. Include circuit diagrams sufficient to replicate any circuits.
- A photo, drawing, or other visual representation of each team member. Team members names, and at least a small amount of "interesting" information about them, possibly what roles they played in your project.
- A video (placeholder) showing the project in operation.
- A description of things that you tried that did NOT work, including a short description of why they didn't work, and how you worked around the problem.

You may include optional content such as pictures of work in progress, behind-the-scenes building stories, bloopers, etc.

Compatability Considerations:

- Your webpage must correctly render on a web browser running in a 1024x768 screen.
- You do not know which web browser your page will be judged with, so it should work with all of the major ones (IE, Firefox, Chrome, Opera, Safari).
- Your webpage will be downloaded and viewed using a 768 Kbps low speed DSL line, so your pictures shouldn't be larger than a few hundred KB each. You can provide links to the full resolution images if needed to see detail. Even better, provide zoomed in shots of the important details.
- You do not know what plugins are installed in the browser, or even what operating system the browser is running under. You may assume the judge has the ability to play flash and read PDF files.

To submit (as a group):

A zip or tar.gz file that contains a directory. In the directory you should have an index.html page that is your website. (You may choose to have other pages and files if you want, but your “landing” page must be called index.html) Any media needed for the page should also be contained within this directory or sub-directories. [I will post the directory on the class website, so try and keep it under 10 MB in size...]

One team member must turn in the zip/tar.gz file containing the directory with the website.

To submit (individually):

EVERY team member should turn in a text file that contains the names of all team members, a description of the roles they played in the project (what they did), and at a minimum an estimate of the total effort/work put in by each team member as a percentage of total team effort/work. (i.e. if four team members worked equally, they should each be allocated 25%). Extra comments about team member performances are taken into account (both positive and negative) when assigning grades.

You should base your evaluation of other team members upon the work they performed for the entire project, not just this documentation assignment. Please provide reasons for critical grades. And if a team member put in extra work, please let us know that as well.

CS 3651 Project Documentation Website (part 2)
Team Grading Breakdown

Project Team:_____

Members:_____

Followed Turn-In specifications correctly: _____ / 10 pts

Aesthetic Appeal of Website: _____ / 30 pts

30 – Looks like a startup that a VC would want to invest in
29 – A rocking class project page
25 – A normal class project page
20 – MySpace page
15 – Worse?

Included all required basic information: _____ / 30 pts
_____ Team Members w/ details
_____ Description of your project
_____ Motivation / Utility / Why build it?

Details about project process: _____ / 10 pts
_____ Time spent on R&D vs. actual building

Quality of detailed instructions for replicating the prototype: _____ / 40 pts
_____ Parts used, suppliers, specifications & costs
_____ Build instructions, completeness, photos/diagrams
_____ Build instructions, quality (can the project be replicated)
_____ Build time estimate (following instructions)
_____ What didn't work? What did you learn?

Team Total: _____ / 120pts

CS 3651 Project Documentation Website (part 2)
Individual Grade

Project Team: _____

Team Member: _____

Team Total:	_____ /	120pts
Your grade based upon team evaluations: (This grade is based upon your effort for the project as a whole, and not just for the documentation section of the project.)	_____ /	80 pts
Your total:	_____ /	200pts