

Computer Science 215

Final Project

Instructions:

With up to one partner, you will need to research a modern web technology that has or will not covered in class, deliver a tutorial-style presentation on this technology, and also create a GitHub website which implements what you learned. The instructor will coordinate the division of the features/examples to be used in the individual Web sites. You must get approval from the instructor on your topic and plan for individual implementations.

- The presentation must be 10 minutes, and each presenter must talk for at least 4 minutes. Professional dress is required. Typo-free, tutorial style PPT slide set is required. Your last two slide must include 3 questions and answers (no true/false or yes/no questions) which are from the content of your presentation.
- Each student on the team must create a public website that demonstrates a feature/etc or example project of the technology they are researching. Students on the team must coordinate this effort so that websites don't overlap. Whatever you do, you must implement it yourself, and so it can include (non-sensitive) content about you, your degree program, or whatever.
- During the presentation, each student should demo their website and what they implemented.

General Outline of Slide Presentation:

Slide 1. Title - identify Web technology
Name(s)

Slide 2. Intro
What is it?
What is it useful for?
When was it released?

Slide 3. Popular/Familiar Example
Screen grab of a popular Website that uses this technology.
Image should clearly highlight use of the selected technology.
Do more than just grab the homepage or logo.
Put the URL of the Website in notes

Slide 4. Hello World Web Example
Code Listing and/or short example code

Slide 5. Hello World Web Example
Show screen capture of short example code running in Web browser

The following slides are different if your team have two members:

Slide 6. Instructions to install

Link to Web Page Demo

Slides 7 - 11. Details of Demo

Explain how several useful commands/functions worked in your demo

Proposal Submission

- a. Individual or team work (your teammate's name)
- b. In a short paragraph, state what web technology are you going to research and provide related references(URLs) .
- c. Both members have to submit in Oaks

Final Submission:

1. Follow the [Assignment Policy](#)
2. Submit your .ppt file in OAKS
3. In the comments part: put the **URLs** of your GitHub final project link and your GitHub website link if you have one