COMP1223 Web Development Fundamentals

Final Project – V 1.0

Objectives

To give students the experience of undertaking and completing a project, applying the skills learned throughout the semester, including the technical skills of analysis, design, and implementation. To be able to: work individually developing a project, plan, manage and coordinate development activities, make realistic work commitments, present the work done effectively to a deadline.

Note

Please note that failure to follow the guidelines and/or sloppy, unprofessional writing and/or code will count against your grade. So be sure to read and follow the guidelines carefully. **The longer you wait, the greater the crisis you are likely to create for yourself.**

Overview

Professional Web designers must be able to adapt to the constantly changing landscape of the Web and the evolving responsibilities of their positions. As such, they must be able to teach themselves and others new material and apply that material in practical ways to their job responsibilities. They must also be able to learn from others, despite a wide range of teaching styles. To those ends, the individual project is meant to serve multiple roles within the framework of this course:

- It allows you to independently achieve significantly greater expertise with on a variety of topics.
- It gives you experience in sharing that expertise with others; and
- It provides everyone in the class an opportunity to experience a wide range of teaching styles as they benefit from the newfound expertise of their classmates.

1. Pick a unique topic.
2. You will prepare project Timeline:
3. You will create the mockups of the tutorial website.
4. You will build an online tutorial website
5. You will develop and give a presentation for the class;

Pick a Unique Topic

You will be choosing a unique topic and expected to develop your own expertise in that particular area of the chosen topic using appropriate resources, such as books, articles and/or the Web. You will then share your newfound expertise with your classmates in the form of a tutorial website.

You will register your topic using Iprezent App. Your instructor will send the instruction to join the event.

Android: https://play.google.com/store/apps/details?id=ca.nextphasecorp.iprezent

iPhone: https://itunes.apple.com/us/app/iprezent/id1206667051?mt=8

Prepare Timeline:

The timeline must contain the detail tasks to complete the project. Plus, start, end date, and status. You must use the assignment two timeline template. Download it here

- o There will be two timelines
    - Initial timeline containing your initial tasks and related time/status (file name init-timeline.pdf) do not touch this file after its due date.
    - The current timeline is the copy of initial timeline, but it contains the current status of your tasks. (file name current-timeline.pdf)
- o Upload the pdf versions of your initial and current timeline to assignment3/docs/ folder.

- You must update the current timeline file regularly when the status of a task is changed.
- The timeline must contain detail tasks and detailed information for each task (time, status…) No mark will be awarded for the incomplete timeline.
- Make sure to break the project into small tasks.

Tutorial website mockups

You are required to create the mockups of your tutorial website before coding the site.

- You are going to use https://www.draw.io/ or any similar application to create the mockups of your project.
- Export your mockup and save it as mockup.pdf (export as PDF) and uploaded to assignments3/docs/ folder.
- The complete mockup of all the pages is required.

Build a tutorial website

Your tutorial website may span as few or as many Web pages as you feel that are necessary to get the job done, but in determining how many pages, you will use you should carefully consider how best to organize and compartmentalize the material you intend to present.

The explanatory text should be **your own words** and thoughts, not long quoted passages or paraphrases from other resources. The illustrations and examples should be **your own original creations**, not those from your sources. **I am sure you don't want to present someone else's hard work as your own!**

Given sufficient time, your classmates are just as capable of reading your source materials as you are. Therefore, **your tutorial should be an effort to give the reader something more than your various sources can**

All example code should be thoroughly tested in at least two different mainstream browsers (Firefox, Chrome, Safari, Internet Explorer, etc.) and **all content should be carefully spell-checked and proofread** before your tutorial is posted.

Decide how many pages you will need for your tutorial and create one copy of the template.html file for each page, naming each one accordingly. Your first page should be named **index.html,** and your last page should be named **sources.html**. You may have as many additional pages as you wish, and their files may be named whatever seems most appropriate to you.

sources.html - contains the bibliographic information for each of the sources you have used in the process of preparing your tutorial website, including any source you have referenced as part of the project whether you are using it directly or not.

The tutorial website files must be stored in comp1223/assignments/assignemnt3/ folder

Total mark: **40%**	
Valid html 5	**6%**
Valid CSS	**6%**
Layout and design	**6%**
Accessibility – easy to use	**5%**
Browser Compatibilities	**1%**
Original content and examples (none original content result in zero grade)	**0**
Easy to understand (10 years old should be able to learn)	**5%**
Content Readability	**5%**
No broken link, image, page not found …	**5%**
Resource page	**1%**
	40.00%

Presentation

Your last deliverable for this project is to prepare and deliver a presentation on your selected topic to the class. This presentation should be designed to complement your tutorial website, but it should not simply be your tutorial read aloud. It is fine (though by no means required) for there to be significant overlap in the material that you choose to cover in both, but you should give careful thought to how best to convey that material in the two different media (written word and live presentation).

Your presentation should be designed to last at least 5 minutes and no more than 7 minutes. Presentations shorter than 5 minutes or longer than 7 minutes will be penalized in the grading. If a presentation reaches the 5 minutes' mark, the instructor will notify the presenter and allow the presenter precisely two more minutes of time to wrap things up. This ensures that one presenter will not deprive others of the time they have been allotted.

During the presentation, you will have access to all the technology our classroom has to offer. This may include a computer, projection system, audio system, video system, whiteboards, and/or overhead projector.

Although their use is not required, if do you use electronic materials, such as PowerPoint slides or handouts, during your presentation, you must upload a digital copy of those materials to **assignment3/docs/** folder before the start of your presentation.

- Presentations must be professional.
- You should plan to fill the allotted time without exceeding it.
- You will be expected to arrive fully prepared and ready to begin.
- Your presentation should proceed fluently and without significant fumbling or delays.
- You should be comfortable enough with your material to tolerate questions from your audience.
- You should also endeavor to engage your audience to the greatest extent possible, through the use of eye contact, gestures, questions, examples, demonstrations, exercises and similar techniques.
- You should practice your presentation beforehand with a group of friends, classmates, or roommates. The more you practice, the better you will get the timing down and polish off the rough edges.

Due date **Week 13 during lab hours -** Total mark: **40%**	
Organized - Clear introduction, content, and conclusion	**5%**
Demonstrated an understanding of the material.	**5%**
Demonstrated time management skills by delivering a clear, concise presentation in 5 to 7 minutes	**5%**
Use of visual aid	**3%**
Make eye contact with audience	**5%**
Did not read the presentation	**5%**
Voice Clarity – spoke loudly and clearly	**5%**
Number of sources	**2%**
Enthusiasm - Facial expressions and body language	**5%**
	40.00%

Project Milestones

There are a few milestones for your final project. It is critical to note that **no extensions will be given** for any of the project due dates. Projects submitted after the final due date will not be graded. If you anticipate any issues, you need to send an email to your lab instructor at least one week in advance.

Date	*Description*	
Nov 09, 2018 11:59PM	Topic selection	
Nov 09, 2018 11:59PM	Initial timeline (upload to assignment3/docs/ folder)	5%
Week of presentation	Current timeline (upload to assignment3/docs/ folder)	5%
	Website mockups (upload to assignment3/docs/ folder)	10%
Nov 25 ,2018 11:59 PM	Tutorial website (upload to assignment3/ folder)	40%
Nov 26 to Dec 14	Presentation (during lab hours)	40%

- You are not allowed to change your initial topic once you register your topic.
- You will be notified in case your topic gets rejected.
- Make sure all the documents are in comp1223/assignments/assignemnt3 folder.
- You will be scheduled for the date and time of your presentation by your Lab Instructors.

prepared with the help of document created by Mike Gilder sleeve,

Tips on presentation:

- http://www.skillsyouneed.com/presentation-skills.html
- http://www.businessballs.com/presentation.htm
- http://www.ljlseminars.com/elements.htm