COP4813/COP5819 Internet Programming
Final Project Guideline
Spring 2017
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IMPORTANT DATES

PROPOSAL/TEAM CONTRACT DUE:	**4/5 (Wed)**
SLIDES/VIDEO DEMO/SOURCE CODE:	**4/26 (Wed)**
IN-CLASS PRESENTATION:	**4/26 (Wed)**
SYMPOSIUM:	**4/21 (Fri)**

PROJECT GUIDELINES

This is a team assignment. You should form a team of **up to three people** to complete this project. For your project, you must develop a Web application. There are the three requirements:

1) It must be a working Web application using the languages or techniques discussed in the class.
2) It must contain dynamic contents.
3) It must provide at least one of the following three functionalities:
    a. It provides a graphical interface to interact with the user (ex. drag and drop).
    b. It uses Web APIs.
    c. It contains a server-side script.

PROPOSAL GUIDELINES

A proposal (a Word/PDF file) must be submitted via Canvas by April 5 (Wednesday, end of day). The proposal should contain the following information about your project:
1) Names of team members
2) The topic
3) The goal and the scope of the project
4) A plan: a timeline describing who will be doing what and complete each part by which date

The team contract must be submitted on Canvas on the same date.

IN-CLASS PRESENTATION GUIDELINES

Each team must make a **10-minute presentation** about their project in class on April 26 (Wednesday), 5 - 7pm. All the team members must attend the presentation. Your presentation should contain the following information:

1) Introduction of the project, including objective
2) Description of the program/system design and difficulties encountered
3) Demonstration of the developed web application

SUBMISSIONS

Submit the following items on Canvas before on April 26. 10 points are deducted for each missing items on the due date.

1) Proposal/team contract
2) PowerPoint slides for in-class presentation
3) Source Code
4) Peer evaluation
5) A 3-minute long video tutorial for your web application (video can be taken by screen capturing)

SYMPOSIUM PRESENTATION GUIDELINES

All selected teams must present their poster on April 21, Friday (time: 3pm – 6pm) at the SoC Student Symposium. Selected teams will receive **5 extra points** in their final project. All the team members must attend the symposium. Your presentation should contain the following information:

1) Introduction of the project, including objective and any necessary background material.
2) Demonstration of the developed web application.

A PowerPoint file of your poster design must be ready two weeks before the symposium. The size of the power is 36" x 48", and the orientation must be landscape. The template for poster design can be found at
http://www.unf.edu/cirt/services/Poster_Gallery.aspx

A guideline for poster design can be found at
http://www.unf.edu/honors-scholars/research/poster/Poster_Message.aspx

GENERAL GUIDELINES

Plagiarism is defined as the use, without proper acknowledgment, of the ideas, phrases, sentences, or larger units of discourse from another writer or speaker. Please cite the sources where you obtain the ideas from.

GRADING RUBRICS

This assignment is 100 points, contributing 15% of your final grade. 50 points are based on the materials that you submit on Blackboard (see the section above). The other 50 points are graded by the instructor and other teams using the grading rubrics.

Rubrics

	Unsatisfactory	Needs improvement	Fair	Good	Excellent
A working website	Points: 1 - 2 The website does not work.	Points: 3 – 4 The website sometimes works but has bugs.	Points: 5 – 6 The website works as expected.	Points: 7 – 8 The website works well and smoothly on various browsers.	Points: 9 – 10 The website works well and smoothly in various scenarios such as on a mobile browser.
Using the languages or techniques discussed in the class	Points: 1 – 2 The website uses none of the language and/or techniques.	Points: 3 – 4 The website uses basic HTML and CSS.	Points: 5 – 6 The website contains HTML, CSS, JavaScript.	Points: 7 – 8 The website contains HTML, CSS, JavaScript and uses DOM and JSON.	Points: 9 – 10 The website uses the languages and techniques properly and effectively.
Dynamic content	Points: 1 – 2 The website has no dynamic content.	Points: 3 – 4 The website has some dynamic content.	Points: 5 – 6 The website has dynamic content based on user's input.	Points: 7 – 8 The website has mostly dynamic content based on user's input.	Points: 9 – 10 The website has mostly dynamic content based on user's input and has frequent updates.
Functionalities	Points: 1 – 4 The website has very limited functions. It is mainly used for displaying information.	Points: 5 – 8 The website provides basic functions such as a form.	Points: 9 – 12 A graphical interface for user interaction	Points: 13 – 16 It uses Web APIs.	Points: 17 – 20 It contains server-side scripts.