

Project 1

CSC 4370/6370 WEB PROGRAMMING

Summer 2018

Due date: 09/13/2018

Presentation begins 09/11/2018

Overview

A team would ideally consist of about **three members**, but may have as few as one or as many as **2 members**.

- ☐ **ALL Graduate STUDENTS WORKS ALONE.**
- ☐ **Undergraduate must pair with an Undergraduate ONLY.**

This is an excellent opportunity to improve your skills as a *team player*, a highly-desirable type of worker in the real world. (See [Becoming a Successful Team Member](#).)

The project will consist of a five-minute PowerPoint presentation to the class on anything related to the course material. Here you get to choose a topic of interest to you, to be creative, and to show the fruits of your labors to the class. The project does not have to be anything complicated. Be creative and have fun.

Today

- 1. Form teams**
- 2. Introduce yourself to your teammates**
- 3. Exchange email addresses**
- 4. Choose a leader - liaison to the instructor**
- 5. Brainstorm ideas**
- 6. Plan how you will collaborate/communicate**
- 7. Choose someone to "integrate" the parts done by the team members**

CSS SAMPLE CODE AND EXAMPLES

This project objective is the show/design the user interface/Front-End.

- You should choose one team member as leader for purposes of coordinating the project and reporting to the instructor.
- keep track of how much time each team member is required to spend on the project.
- Each team shall make a PowerPoint presentation lasting five minutes in which you present your completed project. At the beginning of the presentation the leader shall present to the instructor a single **TYPED** sheet of paper which states the following:
 - Leader's Name
 - Project Name
 - Description: a one-sentence description of your project
 - Team Members: a list of your team members (last and first names) and their project responsibilities.

REQUIRED: Prior to the time of the presentations, it is strongly suggested (though not required) that your team copy to Codd server a folder containing all the files for your project and place code on GitHub. Upload all code and work from start to finish on GitHub. I may ask at any time to show me all work and dialog via account.

Please use either the leader's name or the project name as the folder name.

Suggestions for development and presentation

- You may organize your team any way you like. One way is user, designer, coder/programmer, and tester. Another way is an architect/chief programmer with a team of programmers each of whom works on one part of the program.
- The presentation could be structured as follows for **(5 minutes)**:
 - a PowerPoint slide show to introduce the problem
 - a demo run of the program
 - a display and explanation of some of the code
 - a question and answer period

Sample Project Ideas.

A design for a popular

- **Card game interface**
- **Dice game interface.**
- **Board Game**
- **Casino game interface**
- **Parking lot design**
- **Interactive Hiking Map**

(Be creative).

You can develop your own concept/title consult with me if unsure of relevancy

Requirements - The use of HTML and CSS ONLY

☐ **NO JavaScript is ALLOWED**

- ☐ Decide the responsibilities for each team member. E.g.
 - All members are Designers - work with the User to determine the program requirements.
Sketch the User Interface. Design the program - determine the classes, fields, methods, objects, etc. Write pseudocode for all methods.
 - All members are Programmers - Create the interface and write all the code.
 - All members are Testers—(if applicable) Develop a test plan including test procedures, test data, method of tracking and reporting bugs, and assigning priorities to bugs. May also help write code to fix bugs. Put together the PowerPoint slide show using input from the other team members.

Graduate Students must create sometime of extra feature or special concept be creative

- ☐ Decide on a schedule; estimate hours for each phase; determine when, where, and how you will communicate and coordinate your work. Part of class time will be available for team work and I will be available to help you. Email is a good way to communicate.
- ☐ PowerPoint slide show could include the following:
 - **User** - statement of problem, and general requirements (inputs, outputs, etc.)
 - **Design** - Overview of solution, key design features, user interface, UML class diagrams, pseudocode.
 - **Testing** - (if applicable) how tested (e.g., test plan, data used, tracking and reporting bugs, bugs fixed/not fixed, etc.)

Please see the [Presentation grade sheet](#) link to be clear on what you will be graded on.

- Choose one or more presenters. You may choose to have one person do the entire presentation. Or perhaps one will do the slide show, and a second team member will demo the program. Or, each team member may wish to present his own work.

- **Please use PowerPoint to present be sure to insert code snippets with slides**

Grading

Your grade will be determined by:

- Effective application of the "state of being."
- Presence of a title
- Correct HTML/CSS
- Aesthetic choices:
 - Font choice
 - Color choice
 - A clear focal point.
- Creation of a reasonably complex layout (multiple divisions/content areas), although there may be exceptions to this expectation.
- Creativity
- An appropriate design for the selected "Topic"
- Consistent design for the entire site
- Easy-to-use and logical navigation
- Application of good design principles
- Effective use of images, color and typefaces
- "Everything working"

As long as you meet the requirements (see the **Requirements** section above), you will receive full credit. Your team must turn in the paper as specified above and do the presentations in order to get credit. It will not be sufficient to simply turn in the files to **icollege** please have it posted on CODD sever and All Members MUST upload project to dropbox .