CSC 4370/6370
WEB PROGRAMMING
SUMMER 2017
PROJECT 2 -PHP
DUE DATE: 07/10/2017

Overview

A team would ideally consist of about TWO OR THREE **Under-Graduate** members, but may have as few as one if you already notified me.

ALL **Graduate** you will work as ONE

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

The project will consist of a **five-minute** 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 very complicated however I will need to see good logic.
Be creative and have fun.

Today

1. **Same Teams as project 1 or You can create a new group**
2. **Choose a leader - liaison to the instructor**
3. **Brainstorm ideas**
4. **Plan how you will collaborate/communicate**
5. **Choose someone to "integrate" the parts done by the team members**

Requirements - CSS for the front end design and PHP

This project objective enhancing your CSS and PHP skill set from the PHP assignment and Project 1 using CSS

NO JavaScript what so EVER OR E-COMMERCE WEBSITES
NO JavaScript what so EVER OR E-COMMERCE WEBSITES
NO JavaScript what so EVER OR E-COMMERCE WEBSITES
NO JavaScript what so EVER OR E-COMMERCE WEBSITES

- **You shall choose one team member as leader for purposes of coordinating the project and reporting to the instructor.**

- **Each team shall make a presentation lasting five minutes or less in which you present your completed project. At the beginning of the presentation the leader shall present to the instructor a TYPED single sheet of paper which states the following:**
- **Leader's Name**
- **Project Name**
- **Description: a one-sentence description of your project**
- **Please select project from the TOPICS below**

- **Provide Team Members: a list of your team members (last and first names) and their project responsibilities.**

    - **Optional: 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

- Please 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.

- This presentation should be structured as follows:
  - **PowerPoint slide show (To introduce the problem)**
  - **Demo run of the program**
  - **Display and explanation Source code via slides**
  - **Question and answer period**

- **Project TOPICS YOU MUST Choose from are as follows:**
- **A Mystery Board which uses of clues etc. to solve**
- **A Popular games show**
- **A Video Game**
- **A Logic and IQ/Game (This should not be survey driven)**

(Be creative and please make it solvable)

- **Do not create any Card Games**

Decide the responsibilities for each team member. e.g.

  - All 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 are Programmers - Create the interface and write all the code.
- All 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.

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 **MUST** 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 etc.

- Testing - (if applicable) how tested (e.g., test plan, data used, tracking and reporting bugs, bugs fixed/not fixed, etc.)

- 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.

Grading

As long as you meet the requirements (see the **Requirements** section above), you will receive credit however full credit will be based on group that used creativity and whom went above and beyond my requirements. 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 and have it posted on codd. Post the URL or Project to your student account.**

AWARDS

ONE GRADATE

THREE (3) UNDERGRADUATE GROUPS I.E 1ST,2ND ,3RD