PROJECT 2 – PHP-HTML-CSS
CSC 4370/6370 WEB PROGRAMMING
SPRING 23
DUE DATE: 03/26/2023 @11:59 PM
FOR (ALL GROUPS)

Overview

ALL **groups** are assigned See – I-college or discord for any new additions

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 **10 – 15-minute** presentations (**roughly**) on the related course material/topics. Each group will have the opportunity to choose a topic of interest to you, be creative, and demonstrate the fruits of your labor to the class. The project does not have to be anything very complicated however I will need to see GREAT logic. I encourage all to be creative and have fun.

1st group meeting Agenda

1. **Some are the same members as group 1- A partial change was made see listing in discord.**
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**
6. **Decide the responsibilities for each team member. e.g.**

Requirements – HTML CSS for the front-end PHP design

Objective enhancing your CSS and PHP skill set used in all the PHP assignment and Project 1 using CSS.

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 via the instructor.

Each team shall make a presentation lasting 10 - 15 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 – link it to your project:

- ✓ Leader's Name
- ✓ Project Name
- ✓ Description: a one-sentence description of your project
- ✓ Please select project from the TOPICS below
- ✓ All 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 the project files to the CODD server. Create a folder and place all containing files for your project and place the code on GitHub. Upload all the code work from start to finish on GitHub. We will randomly at any time to show me all work and dialog via account for every project assigned.

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**

Project Topics: YOU MUST Choose from are as follows:
1. A Mystery Board, which uses of clues etc. to solve using user define levels of difficulty.
2. A Popular game show – "Who wants to be a millionaire", "Deal or No deal with banker", "Wheel of fortune "and "Jeopardy".
3. A Video Game or a Popular Dice Game using various 3-4 level of difficulty
4. A Logic/IQ, Puzzle (This should be survey driven with multiple **(6 or more)** levels and stages) –logic using a mapping algorithm of the brain and determine some outcome.
5. Should you do a Hangman it must incorporate at least **6 or more levels** of difficulties along with clues using advance level of animations along with a displaying the solution in some animated form after the tries and clues are maximized.

(Be creative and please make it solvable) Do not create any Card Games

Requirements for this project- grading caritas
1. **cookies/sessions to display a temp leader board for users**
2. **Form processing**
3. **Logins-- for registration and users**
4. **Implementation of logic used**

Required Key for the design see the following: >> <u>Scrum methodology</u>

- ✓ <mark>Please provide a 1ppt- slide brief assessment how this framework benefited you on the project</mark>
- ✓ **All members are Designers** - work with the User to determine the program requirements.
- ✓ **Implement a sketch for the User Interface**. Design the program - determine the classes, fields, methods, objects, etc. Write pseudo code 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 teamwork, 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, pseudo code etc.
- ✓ **Testing** - (if applicable) how tested (e.g., test plan, data used, tracking, and reporting bugs, bugs fixed/not fixed, etc.)

Presenters

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. Each team member may wish to present his own work.

Grading

Meet the requirements (see the **Requirements** section above), you will receive credit however full credit will be based on group that used creativity and who went above and beyond my requirements. Your team must turn in the paper as specified above and do the presentations to get credit. **It will not be sufficient to simply turn in the files to   I-College and have it posted on codd. Post the URL or Project to your student account.**

Online Youtube -Presentation day Requirements

1) Create a PowerPoint - See Below for Requirements
2) Create the YouTube channel – See Below for Requirements

PowerPoint slide show should 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, pseudo code using Transforms, Transitions, and Animation.

✓ 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. Each team member may wish to present his own work.
✓ Please use PowerPoint to present be sure to insert code snippets with slides then incorporate the following below
✓ Give your Group a Team Name that's tied to Web Technologies/ Development

About the YouTube Channel

Create a YouTube Video this will be a test run for the Final Presentation
Title Video: "Name of the task CSS Project 01_TeamName "

✓ **This video should range from 10- 15 minutes.**
✓ **Every team member must participate in this video.**
✓ **Use your smart phone camera. Make sure the voice is clear.**
✓ **Create a channel at YouTube and name it as your group name**

How to create a YouTube channel? Let's start with the basics

1. Sign into YouTube and click on the user icon at the top right of the screen.
2. Click on the gear icon to get to your account's YouTube Settings.
3. Click on Create a new channel.
4. Then choose "Use a business or other name"
5. Add your Brand name and click create.

✓ Once ready, upload the video to your channel.
✓ Include the link to this channel with your submission and you will
✓ Incorporate the video for the core of your PowerPoint presentation.
✓ Use this channel for uploading future videos.

Grading Criteria - Please see the Presentation grade sheet link to be clear on what you will be graded on.

Your grade will be determined by the following criteria:

o Effective application of the "state of being."
o Presence of a title
o Correct HTML/CSS
o Aesthetic choices:
   o Font choice
   o Color choice
   o 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 (implementing the use of Transforms, Transitions and Animations)
- 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 drop box.