

CS 290 Final Project Check List

(100 points) Due Friday Week 10 at 11:59 pm. Complete and add comments to assist in grading

Project Description: (2-5 paragraphs and URL) (5 points)

<http://web.engr.oregonstate.edu/~edwardrh/cs290/project/home.html>

Idea of my project is a website that will bring friends together online in order to plan parties/get-togethers mostly for the reason to play board games and/or card games. The user will create an account of log in to their existing account when first greeted by the website. There will also be a contact page for access.

Once they are signed into their personal account, they are able to find and/or contact friends through their interface. From their personal profile, they are then able to create new parties and/or contribute ideas to existing created parties by their friends. Another action they can perform is research new board games or card games through the website, and will be able to have access to outside links for certain games' rules and also links to where to buy a particular game by Amazon.

Website Layout: (draw layout) (10 points)

- ☐ At least 5 pages including a Login, About (or Contact) and Main/Home.
- ☐ Most pages should have navigation bars, headers and footers.
- ☐ All instructions/directions on how to use the website should be included on the webpages or on a help page.

HTML5 Requirements (5 points)

- ☐ Validate html pages.
- ☐ Use HTML5 features when possible.

CSS Requirements (5 points)

- ☐ The website should look "polished".
- ☐ You should have at least one external CSS file.

JavaScript Requirements (15 points)

- ☐ You should have at least one JavaScript
- ☐ At least five JavaScript functions.

Database/SQL Requirements (15 points)

- ☐ At least 2 tables with 5 non-primary key attributes. Give structure of tables.
- ☐ One table to store username/password.
- ☐ You must use at least four INSERT, UPDATE, DELETE and/or SELECT SQL statements.

PHP Requirements (5 points)

- ☐ PHP will be used to generate webpages from the database content.

User Accounts Requirements (15 points)

- ☐ You will need to support user accounts and you have to implement this yourself.
- ☐ A user must be able to add rows to a database and see the results and they should be tied to users.
- ☐ The login functionality should use Ajax for error handling. If a user enters an invalid username and password, they should be notified via an Ajax call rather than a full page reload.
- ☐ Have the user: Admin with password: Admin15 in your database

Complexity (at least two of the items listed below) Explain which you used and where. (20 points)

- ☐ Have a place to handle non-string input (dates, prices etc).
- ☐ Have a shopping cart.
- ☐ Have data entry requirements from users that can be validated and are validated (dates within a range or text of a minimum or maximum length)
- ☐ Use Ajax where appropriate (and if you don't have several places where it is appropriate, your application may be too simple).
- ☐ Add a chart or graph. https://developers.google.com/chart/interactive/docs/quick_start
- ☐ Use Bootstrap
- ☐ Use jQuery

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- ☐ Be able to handle images or some other type of media.
- ☐ Use google maps or other google api.
- ☐ Be able to share information between users of your site if they want to.
- ☐ Other – **Explain**

What to submit in Canvas. (If you are working in a group each student must submit a copy) (5 points)

- ☐ Zipped folder containing all files.
- ☐ Completed copy of this document
- ☐ Screenshots of the content and structure of your database tables.