Individual Pet Project (20% of total course grade)
Part 1: Pitch Meeting (3% in Week 8)
Part 2: Project Submission (14% in Week 14)

FORMAT: *A student-negotiated independent project.*

REQUIREMENTS (See rubric on page 2)

You will create a small web application that utilizes the techniques covered in this course, and that is in line with your own personal interests. For example, you might create an assignment estimator and timer; or a grocery list for a specific store that you shop at; or, if you are a fan of board games (like me), you might create a helper app to go along with a board game. It should be relatively simple in complexity - maybe create a simpler version of something that you would like to build later - so that you will have a working version by the end of the semester. You will meet with me in Week 8 (after Reading Week) to pitch your idea and establish its scope and list of features. Once approved, you will have the remainder of the semester to build your project. You are encouraged to reach out for assistance from me whenever you need it. Do not feel that you have to go off on your own to complete this.

NOTE: *No CSS frameworks (Bootstrap, Font Awesome etc.) are permitted for this assignment. jQuery is allowed.*

ABOUT PET PROJECTS

Pet projects are small applications that we play with occasionally when we have time, or after we have acquired new techniques, that are of personal interest to us. The secret that I have learned is to start simple (as you are doing with this assignment) then improve parts of it when you find time. Maybe the next stage is advanced functionality, or styling, or a dynamic data source, or maybe a new technique will guide your next steps. Below are the stages of a barbecue timer that I built for myself...

Sean's BBQ Timer

v1: Select the number of minutes; a "thermometer" style GUI counts down the selected time.
v2: Set multiple timers, with one master timer tracking total minutes.
v3: Use the navigator object to make the phone vibrate when time expires.
v4: Add a list of timer presets for commonly barbequed items.
v5: Incorporate Google text-to-voice API to announce the minutes elapsed when time expires.

Pitches That Will Be Rejected

This project is meant to tap into your creativity and, therefore, be unique in nature. It does not have to be complicated, and you don't have to know how to do everything that you want, but I should not be able to Google your idea (trust me, I will) and find dozens of tutorials for your proposal. Some pitch ideas that I will reject: To Do lists; Pomodoro timers; tip calculators; and workout calculators.

Marking Rubric

Criteria	Proficient		Competent	Novice
Pitch Meeting	3		2	0
	You identify: functionality priorities; your plan for how you will do it; and, any potential barriers.		Some of the project aspects are not clarified with the instructor.	No clear idea or plan is approved in Week 8.
Error Free	2		1	0
	The application loads and operates without any errors in the JavaScript console.		Minor errors occur that do not affect the operation of the application occur.	Fatal runtime errors occur.
UX Design	3		1	0
	The purpose of the application is clear based on content (text and images) and design elements.		The purpose of the application is not consistently supported by its content and design elements.	It is unclear what this application is for; or a CSS helper such as Bootstrap or Font Awesome has been used.
Separation of Concerns	2		1	0
	All JavaScript is in .js files, and all styling is in .css files.		Fewer than two instances of cross-concerns code.	More than two instances of cross-concerns code.
Features	6	4	2	1
	The application meets Must Have and Should have feature levels.	The application provides sufficient features to achieve its purpose at a minimum viable product level.	The application is missing minor functionality that should be there at the minimum viable product level.	The application is missing important functionality at the minimum viable product level.
Popups	2		0	0
	No popups are used to provide content to, or collect content from the user.		Popups are used.	Popups are used.
Commenting	2		1	0
	All project files contain helpful commenting.		Most files contain helpful commenting.	Files are missing helpful comments.
Critical Fail	**0 for a submitted project that was not approved.**			