Week 4 – CSS and Individual Projects

* Tutoring
* First Things First
* Teams
* Office Hours
* Tello Cards
* Project ideas and Project Proposal
  + <https://github.com/gtjames/Project-Proposals>
* CSS Transforms and Transitions (LOTS of examples!)

**Special request**: if you have some challenges in the class please come to the office hours. I will be glad to look at your code. Also, the BYU Idaho Tutoring center is a wonderful resource. There are tutors specifically for this class. They can assist as well. The Tutoring link is in the top section of the Modules page.

# Office Hours

I know this class goes quickly but let me encourage you to find the time to come by occasionally. If you need some time different than these posted hours to talk about your project idea, just message me through Canvas. We will make it happen.

[https://byupw.zoom.us/my/**gtjames**](https://byupw.zoom.us/my/gtjames)

**Use this link to make sure you have the correct time for you time zone**

[**https://www.timeanddate.com/worldclock/converter.html?iso=20250202T030000&p1=tz\_ct&p2=tz\_mt&p3=1440**](https://www.timeanddate.com/worldclock/converter.html?iso=20250202T030000&p1=tz_ct&p2=tz_mt&p3=1440)

Tuesday 11:30 AM **Mountain 17:30 UTC**  
Tuesday 9:00 PM **Mountain 03:00 UTC**

# First things first

This class goes fast. So fast that sometimes I fail to pause and talk with you about the spiritual underpinnings of this class and all other classes at BYU-Idaho. I am concerned about helping you learn. I provide example after example and try to make myself available for office hours. But I want to point out one of the biggest resources you have available and that is the Holy Ghost. Learning to program is not any different from learning English, Dutch, or Spanish. Just as I prayed on my mission to learn Dutch you can do the same here with the same results. I know that the gift of tongues applies as much to JavaScript as it does to any other language. Your Father in Heaven is invested in your future and these BYU Idaho classes are your way to your future. Make sure you include prayer and fasting with your hard work. It will all bear fruit in due time. Don’t get so busy studying and writing code that you don’t stop and take time to ponder what you are learning and let the Spirit be involved in that process.

# Your Team needs you!

Don’t let your team down! This is the time in the block classes where it becomes very evident if people are carrying their share of the team assignments. You should be communicating and attending. Come prepared. Class is 50% complete as of this Wednesday! AND this is your LAST week to work together as a team.

# Individual Project (A.K.A the Portfolio Document)

This is the week to turn in your proposals for an Individual Project. Watch my Office Hour videos. I share many! **simple** ideas for a project. They are not everything you need to get a ‘A’, but they should give you some ideas to get excited about. Make sure to look for an interesting API to base your application on. Weather, Movies, Recipes, Sports, News, Books…….. Look at RapidAPI for some fun ideas. If you do not feel comfortable with APIs PLEASE come by my office hour to see how to make use of them. They are a must know topic.

You will start the project next week (officially) but you can certainly get going now. **After** you receive some feedback, make your decision on your project this week and get going. Your project MUST use **two** APIs. Between JavaScript, JSON and the TWO APIs they add up to 55% of your project grade AND 33% of the grade for the entire class! I have worked with many new grads and talked to them about their job interviews. A LOT of interviewers asked the candidate to implement an application using an API. Make this a priority to include in your application.

This is an individual project, but you can still meet with your team to ask for code reviews on your project. Bounce ideas off each other and help each other with their challenges. No doubt along the way you will pick up some ideas that will help you as well.

# Do we need to complete all Trello cards?

No. You do not lose points for not getting them all done. If you do not finish, make sure to look at the instructor solution to see what the completed code looks like. SleepOutside served as a platform to learn the ideas to be used in the Final Project. You are not graded on finishing all the cards.

# Project Ideas

In as much as the Final Project will be dominating your time these last few weeks. I have an example here of many simple ideas for projects. Not quite strong enough to get an ‘A’ in the personal project but there are plenty of API examples to get you familiar with the concept. This repo has over a 30 examples. I add some new examples every month. I will show them in the office hours. Not all of them work from GitHub. I have not put my private keys on GitHub for the world to ouse.

<https://www.github.com/gtjames/FetchExamples>

These examples only work from my laptop because the keys to run it are NOT PUBLIC. Attend the office hours and I will demonstrate all of them. Or watch the videos from last week and this week. You can register for the APIs yourself and the code will work for you. Find an API and make it your OWN. Do something cool! If there is something you saw in my demonstration you can see in my code what API I am using. You will need to go to that web site and register and get your own key. It will be a good experience.

These links DO work and do not require a registration key to experiment with: Books, Church Stats, Crypto Currency, Disney, OG Git Coins, Stars, Translate

# Project Proposals

What does a Project Proposal look like? I have taken a few from previous semesters and saved them to a GitHub repo. These are good examples of what is expected. If you do the work to think through your project, then the development phase will go better!

<https://github.com/gtjames/Project-Proposals>

# CSS Transforms and Transitions

The final project expects some good use of CSS. Here are several examples of what can be done with CSS.

|  |  |  |  |
| --- | --- | --- | --- |
| CSS |  |  | |
|  | <https://pratt-eric.github.io/> | E. Prat | |
| CSS + JS |  |  | |
|  | <https://alexandercalva.github.io/week7/index.html> | Alexander Calva | |
|  | <https://cook-amy.github.io/Assignments/cssJavaScript.html> | Amy Cook | |
|  | <https://camille-owens.github.io/examples/favoriteBooks.html> | Cami Owens | |
|  | <https://cboshy.github.io/CSS%20Triggering%20JavaScript/css3.html> | Chris Bollschweiler | |
|  | <https://cboshy.github.io/CSS%20Transforms/index.html> | Chris Bollschweiler | |
|  | <https://irwin-cristina.github.io/byucit261.github.io/assignments/CSSClassProperties/cssindex.html> | Cristina Irwin | |
|  | <https://garaix-davy.github.io/07-CSS-Class-Properties/> | Davy Garaix | |
|  | <https://rodriguez-hernan.github.io/pages/transitionsAnimations.html> | Hernan Rodriguez | |
|  | <https://sanchez-isaac.github.io/CIT-261-repo/7-Evidence%20CSS3%20using%20JavaScript/CSS3JS.html> | Isaac Sanchez | |
|  | [https://steffen-jason.github.io/Challenge\_7.html#](https://steffen-jason.github.io/Challenge_7.html) | Jason Steffen | |
|  | <https://kristinaplauche.github.io/cs261/css3_js.html> | Kristina Plauché | |
|  | <https://behling-mathew.github.io/fluency/javascript.html> | Mathew Behling | |
|  | <https://mooremelissa.github.io/cssAnimatTransitTriggerJavascript.html> | Melissa Moore | |
|  | <https://olive-spencer.github.io/CIT-261/a7.html> | Olive Spence | |
|  | <https://rodriguezoswaldo.github.io/cit261/updatecsswjs/updcsswjs.html> | Oswaldo Rodríguez | |
|  | <https://headleyrobbie.github.io/cit261/cssclassproperties/cssclassproperties.html> | Robbie Headley | |
|  | <https://tc1250.github.io/CIT261.io/7.%20Manipulating%20CSS%20Class%20Properties%20Using%20JavaScript/index.html> | T Christiansen | |
| CSS+JS+Transitions… | |  | |
|  | <https://johnson-robert.github.io/cit261/css_animation_transition/css_animation_transition.html> | | Rob Johnson | |
|  | <https://headleyrobbie.github.io/cit261/css3transitions/css3transitions.html> | | Robbie Headley | |
| Animations |  | |  | |
|  | [https://jester-andrew.github.io/css  Andrew Jester](applewebdata://EEC72511-1255-44E1-82C1-BE5CF5C3FF17/%09https:/jester-andrew.github.io/css) | |  | |
|  | <https://reed-jason.github.io/projects/Animations_Transformations.html> | | Jason Reed | |
|  | <https://koenig6.github.io/CIT261/cssWithout.html> | | Jody Koenig | |
|  | <https://rodriguezoswaldo.github.io/cit261/animation/animation.html> | | Oswaldo Rodríguez | |
| Transforms |  | |  | |
|  | [https://vang-kachia.github.io/code/transition.html](applewebdata://EEC72511-1255-44E1-82C1-BE5CF5C3FF17/%09https:/vang-kachia.github.io/code/transition.html) | | Kachia Vang | |
|  | <https://johnson-rebecca.github.io/topics11_12.html#t3> | | Rebecca Johnson | |
|  | <https://headleyrobbie.github.io/cit261/css3transforms/css3transforms.html> | | Robbie Headley | |
|  | <https://cboshy.github.io/CSS%20Transforms/index.html> | | Chris Bollschweiler | |
|  | <https://irwin-cristina.github.io/byucit261.github.io/assignments/CSS3Transforms/csstransformindex.html> | | Cristina Irwin | |
|  | <http://cit261.feliciawarner.com/FluencyEvidence/transformsFluencyEvidence.html> | | Felcia Werner | |
|  | <https://kyman-irena.github.io/topics/topic-12.html> | | I Kyman | |
|  | <https://kyman-irena.github.io/topics/topic-12.html> | | Irena Kyman | |
| Transitions |  | |  | |
|  | [https://aaroneiche.github.io/cit261/scene.html](applewebdata://EEC72511-1255-44E1-82C1-BE5CF5C3FF17/%09https:/aaroneiche.github.io/cit261/scene.html) | | Aaron Eicke | |
|  | [https://cook-amy.github.io/Assignments/cssTransitions.html#](https://cook-amy.github.io/Assignments/cssTransitions.html) | | Amy Cook | |
|  | <http://byui.online/o11.html> | | Gary Moser | |
|  | <https://kyman-irena.github.io/topics/topic-11.html> | | Irena Kyman | |
|  | <https://behling-mathew.github.io/fluency/css3-transitions.html> | | Mathew Behling | |
|  | <https://rodriguezoswaldo.github.io/cit261/transitions2/transitions.html> | | oswaldo Rodríguez | |
|  | <https://rpollard.com/cit261/hats.html> | | Roger Pollard | |
|  | <https://slight-shannamae.github.io/project.html> | | S Slight | |
|  | <https://harristimothy31.github.io/JSONandAJAX.html> | | T Harris | |