**Tentative Course calendar:** *This course schedule is tentative and subject to change based on the instructor’s judgement as to how well the class as a whole is moving through the topics.*

*January:*

*Week 1: Welcome to the course, Hmw 1 and In Class Assignments assigned, Group Teams Setup*

*Week 2: Aws and github setup and tutorial, Hmw due and assigned (first 10 weeks there will always be hmw due and assigned) (aws, github)*

*Week 3: Wordpress Specifications due before next class and gone over in class, Group Team website scrum phase 1 assigned, Wordpress setup and tutorial on aws, quick tour of wordpress backend (Php, mysql)*

*February:*

*Week 4: Advanced javascript - DOM and making shapes*

*Week 5: First scrum team website assignment due and presented in class, advanced javascript Dr. Dan and Audrey’s game.*

*Week 6: In class exercise app specs for ionic app with team, cordova tutorial node tutorial (cordova, node.js), wordpress and aws workshop*

*Week 7: Finished wordpress website due, presented in class, bootstrap setup and templates, dreamweaver connected to aws.Team website scrum assignment gone over*

*March:*

*Week 8: Bootstrap and adding a navbar with php tutorial. (bootstrap, php)*

*Week 9: Second team website scrum assignment due and presented the ionic framework and typescript tutorial*

*(Spring break)*

*Week 10: Google maps keys distributed and google maps sdk gone over,*

*setting up firebase with javascript (firebase, googlemaps sdk), Personal bootstrap websites due*

*April:*

*Week 11: using ionic and firebase realtime database tutorial, authentication*

*Week 12: Workshop for apps in progress, any remaining topics not yet covered, possibly unity and firebase*

*Week 13: Workshop for apps in progress, any remaining topics not yet covered, possibly unity AR, Firebase, and Geolocation*

*Week 14: Workshop for apps and games in progress, any remaining topics not yet covered, possibly unity AR, Firebase, and Geolocation*

*May:*

*Week 15: Finished app prototype due with database functionality and googlemaps sdk, firebase functionality on website and app due.*

*Finals: Scrum team website assignment 3 presented in class with team app*

Class 0: Bio introductions, something fun quirky unique, course goals, Prezi and course skills, student favorite song

Class 1: Javascript randomizer explained, Scrum groups what everyone has done, what you plan to do, demo, any blockers, aws (basic linux commands, mobaxterm) and github tutorial (basic git commands, github), Team Website assigned, Student led discussion.

Class 2: Scrum groups demo, MAMP, wordpress setup and quick tour of backend php on aws and more linux commands, student led discussion (prep them with some example topics this time, draw their attention to philosophical implications and thinking deeply and creatively about their abilities and their knowledge), go over upcoming assignments.

Class 3: wordpress setup with backend tour for php, scrum groups and demo, student led discussion, go over upcoming assignments, time permitting advanced javascript with dom making shapes code tour, ide’s and web dev with version control.

Class 4: Team website presentations. Assign tutorial bootstrap intro with navbar and links to tutorial series of bootstrap and github for next week. Final tweaks on wordpress, have a link to the full tutorial series in an announcement. Tour of php when you do those final tweaks. Student led discussion.

Class 5: (workday - bootstrap and dreamweaver tutorials)

Class 6: Dreamweaver and aws setup. Javascript crash course and advanced functions with square circle. Student led discussion. Scrum groups. In class exercise for app specs within group. Quiz 1 Last minute help on any aws wordpress problems.

//NOTE: apache gets ownership over files in the wordpress setup, you have to change it back to apache and ec2-user with the initial lamp setup tutorial commands or just ec2-user with chown and chgrp -R ec2-user /var/www to be able to upload things yourself rather than go through the wordpress to apache upload process.

Best practice is following the linux apache LAMP aws tutorial commands and not modifying in wordpress any permissions that aren’t necessary.

**To change wordpress file upload limitations;**

sudo vim /etc/php.ini

Change: upload\_max\_filesize to 120M, post\_max\_size = 120M (change these back after you’re done uploading big files if you have any problems with ec2 crashing.

**CREATE USER '*daniel*'@'localhost' IDENTIFIED BY '*gimm300*';**

**GRANT ALL PRIVILEGES ON `*wordpress-db*`.\* TO "*daniel*"@"localhost";**

**Who did what, rotate team leaders, test run of using agile methodology point out**

**First team presentations: Show github, trello boargithub and trello stuff.d,**

**Group names and presentations for Thursday:**

Coin Flip, Kale Adriel, John Rachel, Alissa, john hover effects, adriels styling, everyone did own pages.

Pappa Spatula: Dakota, Anthony, Zack:

Zack css, anthony nav bar, dakota bio assets,

Scrumbags: Andrew P, Devon, Jonathon Gaige (absent), Christian Todd(absent): everyone added bios, devon did most html and styling, christian helped out with styling, joe did picture, christian edited bios,

Dev Elements: Marie, Casy, aden DJ,

DJ taught github, marie made webpage, everyone added bios,

Tired: addison, tim, harrison, corey

Corey - bootstrap, everyone did own pages, trello needs work for next time

The internet explorers: Shawn, Andrew M. Liam, Christain E, Mike

Mike banners width, basic skeleton images andrew, Liam html shawn css. Shawn scrum master.

Team Sloth: Joey, Wendy, rebecaa, brendon:

Wendy: api for trello board, wendy bio, brandon rebecca formating stuff, individually adding changing.

**Group names and presentations for Monday:**

Code Quackers: oscar, coby sage: sage - graphics, overall design, custom cursor; oscar coding, animation, coby, background images, linking

Golden: payton, daniel, eli: payton Gold, eli: picture and bio,

JAAM: aaron, alex, mckinna jaznmin: aaron, mobile freindly, everyone did own page. Trello management.

GIMM Anxiety: james, zack carlin, bradyn;

Carylin, initial design, color palet, braydin, zack html and css… karlin, specfic coding.

Girl GIMM Gang: alex (absent), devon, Taylor, lexie: atom packages, atom preview.

Fluke Masters: mckinzie, tucker, megan: megan styling, color palet, layout, tucker initial layout, mckinzie css stylesheet.

Bronto Burts: Dylan, Tyler -

Aggressive horses: Bryan(absent), Gabe, Colvin, bryan html, styling and design.

Triumph emoji: Quein, Keegan, Reid: half html keegan, quin styling: