**6/24/20 (WEDNESDAY)**

-Pre-Peter:

-Summarize what Justin discussed with Jason.

-Should take notes and plan further out.

-Suggested finish coding by Week 4; dedicate Weeks 5-6 to deployment.

-Discussion of need to organize Git repository / be mindful of it in the future.

-Need to add Nathan to Git repo.

-Christina: configured FireBase and has static HTML pages after login.

-Demonstrated Firebase functionality.

-Next steps: implement "Launch Game" and connect to database.

-Rohaid:

-Added seed functionality to letters-to-numbers.

-Working on algorithm to support multivariable expressions.

-Implemented 10 turn limit.

-Peter will send comments via email; would be nice if seed was optional.

-Justin:

-Demonstrated Web Scraper.

-It would be good for Christina to work on skeleton some more.

-Nathan:

-Made script to add TogetherJS functionality to an HTML script; needs to test it.

-Peter: Will aim to have another game task to make by next Wednesday.

-Jason has arrived.

-For next time:

-Christina, Justin, Rohaid will work on skeleton HTML and database creation.

-Nathan and Justin will work on the script to add TogetherJS and look at logging things on TogetherJS server.

-Rohaid will make modifications to Letters to Numbers.

-We should ask Peter about styling in the future.

-Specifically, styling of the UI - not the individual games, since that is at the discretion of the teacher uploading them.

**6/26/20 (FRIDAY)**

Nathan and Justin talked about TogetherJS logging.

* There is a built-in Logger class in the TogetherJS server code.
* Possible to output log information to file, whose name is passed as a parameter.
* Recommend pass the session name in as an argument so that each session has a log file created.

Christina has been working on Firebase and accessing files on the backend after they have been uploaded by the user.

Rohaid has completed the functionality of the Letters to Numbers

* There are some synchronization issues with TogetherJS; it will not update fields on HTML elements that were added after the page was rendered, unless manually coded to do so.

To-do by Monday:

* Christina: Database and GitHub pages functionality.
* Rohaid: Iron out TogetherJS and letters-to-numbers synchronization.
* Nathan: Script to add TogetherJS to HTML files; contact Peter and determine some style choices.
* Justin: Work on TogetherJS logging -> create unique file for each session.
* Justin / Christina will attempt to get Rohaid’s Letters-to-Numbers hosted on a GitHub pages site to determine the feasibility of this.
* Nathan will update the contract to better reflect our projected timeline.

Next week, we should move our focus to working primarily on Firebase things (e.g. adding games to database, loading URLs, etc.

**6/29/20 (MONDAY)**

Rohaid:

* Progress made on Letters to Numbers.
* Addressed TogetherJS inability to display HTML that is not preloaded by putting everything on the page initially.
* Counter / Confirmation button added; but would need to know how many people are in the group.
* Event handlers were added to synchronize equations across sessions.
* Changes were committed to Rohaid’s branch.

Christina:

* Worked on file upload buttons / putting them on the server.
* Going to work on making TogetherJS functionality added before the files are uploaded to Firebase server.

Nathan:

* Has been brainstorming names for the app.
* Updated contract to reflect progress that we would like to make each week.
* Peter would like to prioritize getting the Letters to Numbers activity in a passable state with good presentation.
* Looked over Figma; Peter thinks it looks good.
* Talked about time limit; best way to implement would probably be to add a clock on the page so that students are mindful of the time.
* Talked about names some. Decided on Coefficient?
* Peter would like us to present some possible themes; it is okay if we make our own aesthetic choices.

Justin:

* Looked at progress with logs. Can output a log to a file.
* Peter would like to make sure information about which button is pressed is passed to logs; should be able to make this happen if each element is given an ID in the HTML.

Peter:

* Proposed a new activity - dataset for each state about Covid-19 cases.
* Show a map and let you click on each state, for example.
* Let’s think about the problem of letting teachers supply data sets that go with the game.
* Perhaps add a field in file upload screen that lets teacher upload an optional data set alongside game.

Next Steps:

* Rohaid: continue to improve Letters to Numbers; we would like to start styling. Google Chrome vibes?
* Christina and Justin: Make database and start working on getting files hosted.
* Nathan: Design stuff.

**7/1/20 (WEDNESDAY)**

Rohaid:

* Member count is now implemented; each page load is considered a member.
* Small synchronization issues remain.
* Asked Peter about whether page should load information from session if a user joins late.
* Justin will try to host Rohaid’s files so that they are available.

Christina / Justin:

* Connected database to web application. Can now post games to database and load an individual’s games.

Nathan:

* Been working on design - logo and Landing Page have been designed.
* Talked about colors; we like the ones that Nathan has selected already.
* Christina mentioned that existing login page won’t play nicely due to Google login box. Nathan says it should be okay as long as everything else can be updated.

Peter:

* Showed us data set for Covid-19 activity.
* Data is formatted a certain way; would like to make an activity that you can share and make use of different data sets.

**7/6/20 (MONDAY)**

Peter:

* Not a chance to look at Letters to Numbers yet.
* Justin will push the latest version that Rohaid has worked on.

Justin and Christina:

* Configured AWS web services so that uploaded files can be hosted and a new website is generated.
* Posts the new game’s URL
* Christina tried to demo; ran into CORS issues.
* Ran a special instance of Chrome that allows CORS; showed the functionality. Uploaded game files, created a bucket for the files, posted game’s URL to database.

Rohaid:

* Fixed some bugs with text display in Letters to Numbers.
* When refreshing the page, all information is preserved.\
* Confirmed structure of game with Rohaid - one HTML, CSS, and JS file.
* Peter is okay with the constraint that you can only upload one of each file.

Nathan:

* Created more designs; looking great.
* Will now try to style the static pages that Christina and Justin have been working on.

Next Steps:

* Justin: host Rohaid’s files; work on implementing sessions, resolve CORS issues.
* Christina: work on implementing sessions, resolve CORS issues.
* Rohaid: test new version of Letters to Numbers a bit more, work on new task once Peter has posted writeup.
* Nathan: style existing pages.

**7/8/20 (WEDNESDAY)**

Justin:

* Working with Amazon Lambda to circumvent CORS issue with uploading games to buckets
* Added in upload to handle asset files

Christina:

* Has linked to the game select page to the group set up page and is now working to send that information to the web scraper script
* Added in upload to handle asset files

Nathan:

* Setting up UI for the entire web page using the Figma CSS

Rohaid:

* Set up an API key for Geo Maps and researching relevant JS libraries
* Set up an outline of web page for Covid-19 exercise

Peter:

* Wants to focus on the UX for students
* Wants to add Letters-to-Numbers to Figma and get CSS
* Wants to keep all the information of the webpage on one screen without scrolling
* When functionality is finished wants visuals to be at the top of the list

Next Steps:

* Justin: Continue working with Amazon Lambda and resolving CORS issues
* Christina: Continue working on passing information between web pages
* Rohaid: Continue working on Covid 19 Exercise
* Nathan: Continue working on styling.

**7/10/20 (FRIDAY)**

Justin and Christina:

* Got Amazon Lambda URL scraper to work.
* Created REST API so that Lambda function can be called on demand, with number of URLs and groups supplied as a parameter.
* Tested an example run of generated sessions; it worked.

Nathan:

* Designed CSS for Login page and Home page.

Rohaid:

* Set up Google Maps API; currently using personal payment information and would.
* Currently uploading file to access data because JavaScript has issues accessing local files.

Next Steps:

* Justin and Christina: work on front-end to connect with Lambda and Database.
* Nathan: work on CSS for Launch page and Upload page.
* Rohaid: continue work with Google API and accessing file information through JavaScript.

**7/13/20 (MONDAY)**

Justin and Christina:

* Continued work on front-end.

Rohaid:

* Implemented sliders on map activity.

Nathan:

* Could not attend, will post updates later.

Peter:

* Would like to focus on Letters-to-Numbers and having it student-ready by the end-date.
* Mostly needs UX adjustments so that all information is available on screen, screen is right size w/ less need for scrolling, instructions are present.
* We recommended that Nathan and Rohaid work on this together.

Next Steps:

* Finish connecting front-end and back-end for teacher portion.
* Make UX adjustments for student portion.
* Deploy and document.

**7/15/20 (WEDNESDAY)**

Justin and Christina:

* Connected front-end with AWS Lambda function; can now generate URLs in a copyable format.

Rohaid:

* Wrote some instructions and reformatted Letters to Numbers to be a table format.
* Met with Nathan to discuss styling.
* Some outstanding display issues in Safari; focus on Chrome for now.

Nathan:

* Helped Rohaid with Letters to Numbers; made a skeleton for the game.
* Peter would like the styling to be UNC-themed for the colors.

Peter:

* Create a demo video for letters-to-numbers (screen recording).

**7/20/20 (MONDAY)**

Justin:

* Sanitized the Git repository; deleted unnecessary branches.
* Merged Nathan’s styles into front-end.
* Began writing documentation for project.
* Would like to meet with Peter down the line to get a production version deployed for him.

Christina:

* Added Delete button to “Saved Games” page.
* Merged Nathan’s styles into front-end.

Nathan:

* Completed styles for everything except for URL generation (with current style, URLs do not appear on page).

Rohaid:

* Added keyboard inputs and expression checking.
* Asked Peter if the confirmation page before submission should be removed; Peter says yes.

Next Steps:

* Justin: Documentation about AWS and TogetherJS.
* Christina: Documentation about Firebase, integrate Nathan’s new style changes.
* Nathan: Render generated URLs; assist Rohaid with Letters-to-Numbers styling.
* Rohaid: add game victory / loss pages; make some styling additions.

**7/22/20 (WEDNESDAY)**

Rohaid:

* Added victory / loss pages.
* Will try to find a way to load stuff on page if somebody shows up late.
* Add a clock if it’s easy.

Christina and Justin:

* Worked on documentation.
* Will work with Peter to deploy project after the deadline since he is busy.

Nathan:

* List generation works now; need to test.