Note

VenueViews.js

* File where homepage is

VenueViews2.js

* File where Venue button leads to
* It has been discovered the VenueViews and VenueViews2 are copied codes with minor changes

EventView.js

* File when clicking on a certain day of the calendar to create a new booking

DocumentationView.js

* File where the Generate Forms button view is
* Uses methods that are within the Index.js folder
* Connects the “ok” button to the methods from index.js (such as genereateSendSaveAll)

Index.js

* Found in functions folder
* Connects the handlers to do the Generate Forms functionality (email, google drive …)

Bug:

* Login where you double type the first letter for lowercase
  + Solution, make it not case sensitive? FIXED
* Venue titles are looking funky in the calendar view
  + Solution, removed the drop down function and figured out how the venue information was being passed to be able to display the current venue
* Firebase not updating information and Generating Forms crashing
  + Solution, to change the firebase permissions so that everyone logged in could change the database

Fixes:

* Removed Bookings and Document
* Removed random double calendar

Installs:

npm install firebase-admin --save

Notes for Firebase Cloud Functions:

* Before the project was on the Spark plan, which caused a lot of errors within the emailing code because they were using google cloud containers (which you had to pay for)
* Therefore we upgraded to Blaze plan (it was a process with verifying the billing account)
* Now running “firebase deploy --only functions”, we ran into more errors with it not recognizing firebase-admin, I tried everything and running npm install inside the functions folder was NOT the solution.
* The solution was right clicking node\_modules folder (which contains almost everything you need, such as firebase and googleapis and nodemailer) and deleting and then running “npm install”
* Then running the deploy command over and over until you install/fix each issue you run into, because sometimes npm install does not install Cheerio or “googleapis” which you need for this project.
* “firebase serve --only functions”
  + This command in the terminal (in the project directory) will test the functions and see if there are any errors
  + Note: When I ran this, I kept running into errors, especially with the env
  + Error: “Error: Port 5000 is not open on localhost, could not start functions emulator.”
    - Solution: Run “lsof -t -i tcp:5000 | xargs kill”
  + Error: “⚠ Your requested "node" version "10" doesn't match your global version "14" i functions: Watching "/Users/sarahpham/Documents/school/SeniorDesign/functions" for Cloud Functions...
    - Solution: Update Node to 14 in package.json inside the engine object

⚠ It looks like you're trying to access functions.config().drive but there is no value there. You can learn more about setting up config here: <https://firebase.google.com/docs/functions/local-emulator>

⚠ TypeError: Cannot read property 'web' of undefined at Object.<anonymous> (/Users/sarahpham/Documents/school/SeniorDesign/functions/handlers/driveHandler.js:6:61)”

* + - Solution: Run “firebase functions:config:get > .runtimeconfig.json”
    - This manually creates this json file **INSIDE** your functions directory, only run inside that directory
  + Error: GET request is bad
    - <https://github.com/firebase/firebase-tools/issues/2809>
  + NOTE: You need an emulator to use firebase serve
    - Run “firebase emulators:start”
* Functions were all still in Node 8 on Firebase, which was deprecated. So we deleted them and redeployed all the functions so that they could be updated to Node 10.
  + Error: Functions could not be deployed
  + Solution: deploying functions with debug and reading the firebase debug logs on all the GET requests
  + We read that there was an Authentification error while visiting all the GET request links and reading the returns
  + “firebase functions:config:get” returns the login information we have set for the google drive and gmail
  + We noticed that the gmail password was a random string of letters and changed it to the actual password
  + “firebase functions:config:set gmail.password=”pass”

Last login: Thu Feb 25 16:46:17 on ttys008

The default interactive shell is now zsh.

To update your account to use zsh, please run `chsh -s /bin/zsh`.

For more details, please visit https://support.apple.com/kb/HT208050.

sarahs-mbp:~ sarahpham$ ls

Applications Movies eclipse-workspace

Creative Cloud Files Music input.txt

Desktop Pictures node\_modules

Documents Public test.txt

Downloads Sites write\_file

Library eclipse

sarahs-mbp:~ sarahpham$ cd .config

sarahs-mbp:.config sarahpham$ ls

configstore firebase jgit

sarahs-mbp:.config sarahpham$ cd firebase/

sarahs-mbp:firebase sarahpham$ ls

musicmattersbookings\_gmail\_com\_application\_default\_credentials.json

sarahs-mbp:firebase sarahpham$ vi musicmattersbookings\_gmail\_com\_application\_default\_credentials.json

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