

Team Errai: Mid-Point Check

Team Errai Members:

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Project Status:

Up until this point, we've been running into hiccups involving making everything work and properly connected on everyone's computers. This was partially due to npm package management and individualized development of different parts of the application. We are all now on the same page, development setup wise, and are raring to go deeper after earlier snafus.

Our current status is that we have our server up and running with the UI barebones of our app online as well. When you start our app, you are brought to the home page where you can either click on the "login" button to login or go to the "admin" page to hit the /admin route. We plan to reformat this into a responsive navigation bar and to reformat the current background image to account for the whole page. While in the past week we had a registration button and allowed end users to self-register themselves to Foliospace, we have removed that for this mid-point check because we did not want extraneous registrations while the application is only partially complete.

At this time, GitHub is the only way to deploy our app. We have been working on deploying through Heroku, but are currently running into Heroku deployment issues where they tell us our build and deployment is successful, but the application website doesn't load. Looking at the logs, it seems Heroku runs into errors on package management, since we have both yarn and npm.

Our next step is to work on deploying on our Heroku site, start designing the page layout, connecting our database to the server, and handling user uploads and logging in.

Github URL:

<https://github.com/foliospace/foliospace>

User Instructions:

1. <https://github.com/foliospace/foliospace>
 - a. Fork the repo (optional)
2. Clone from your fork
3. 'npm install' in the main folder and client folder
4. 'yarn install' in the main folder
5. Update API keys in './client/src/app.config.js'.

- a. Please update the **client_id** to show the following:

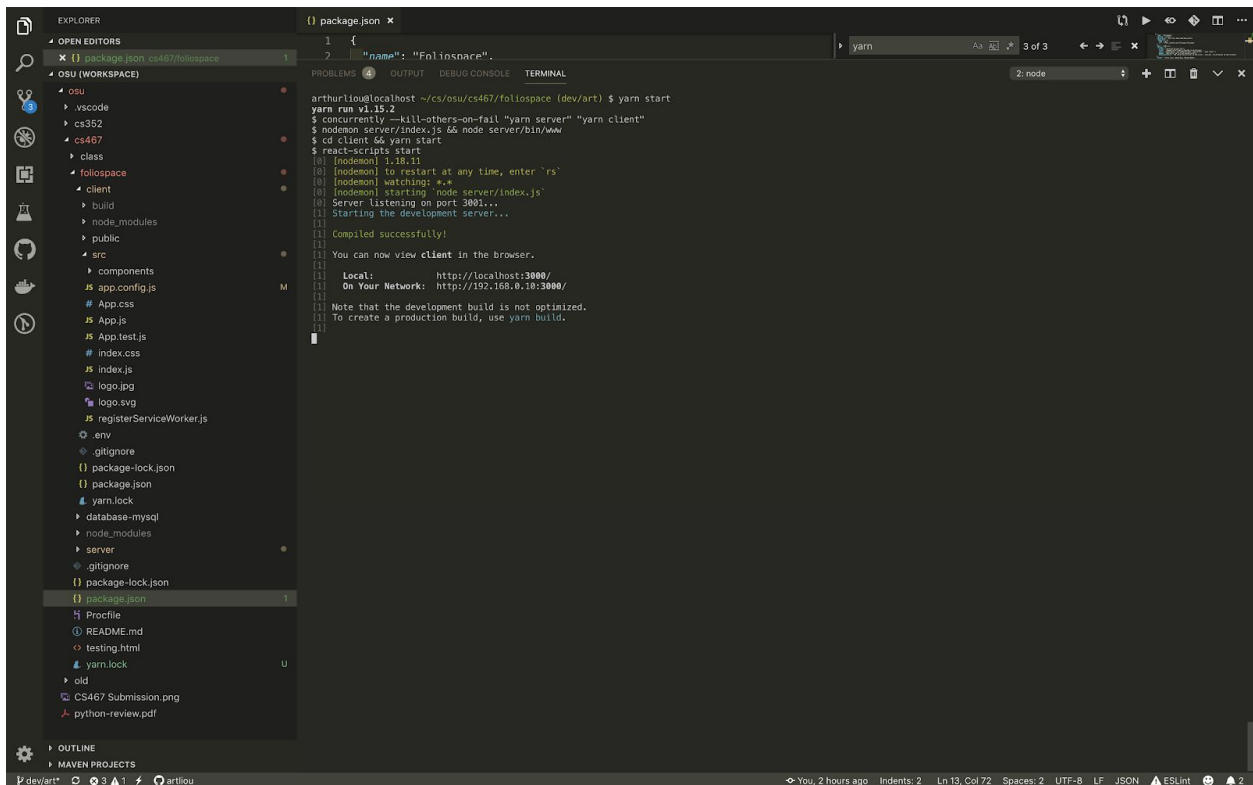
```
export default {  
  url: 'https://dev-613949.okta.com',  
  issuer: 'https://dev-613949.okta.com/oauth2/default',  
  redirect_uri: window.location.origin + '/implicit/callback',  
  client_id: '0oajlmbbzksJN8t1Z356'  
};
```

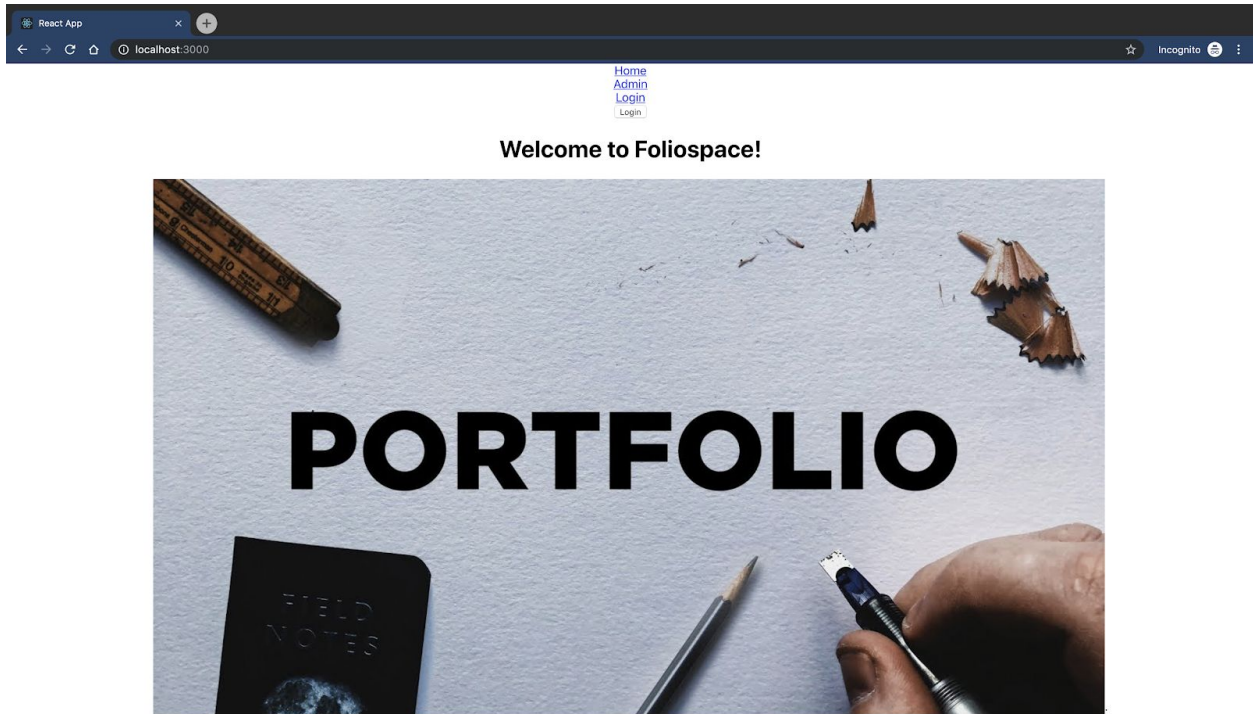
6. Update the Okta keys in './server/lib/OktaClient.js'.

- a. Please update the **orgUrl** & **token** to show the following:

```
const client = new okta.Client({  
  orgUrl: 'https://dev-613949.okta.com',  
  token: '008A421hKQLXiXMkm2Uy81DE8LdMJelW3-fGFcHzgi'  
});  
module.exports = client;
```

7. Run 'yarn start' to start the application.

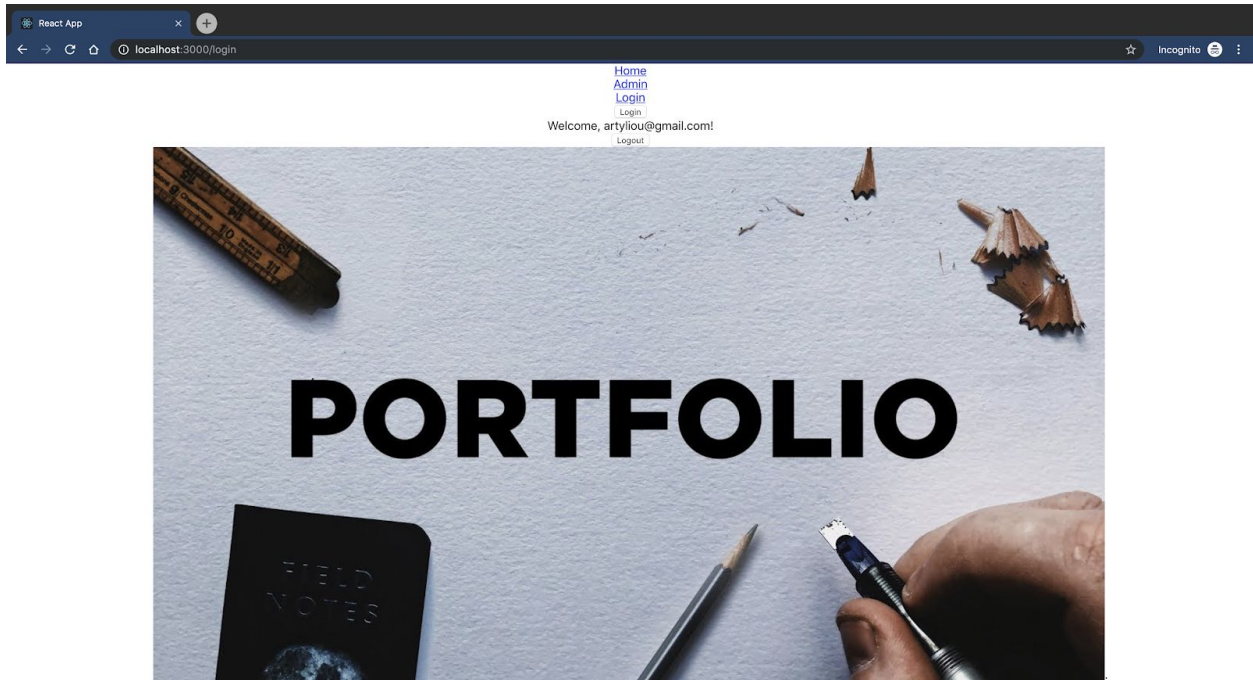




9. Once up and running, you can verify that the server routes are working by switching to <http://localhost:3001> in your browser:
- /portfolio
 - /projects
 - /account

Highlights to Look For

- Authentication. Users are able to authenticate by logging in to the application via Okta.
 - In the first image below, please click the login button, which will redirect the user to the /login route and the Okta Sign In Widget will popup.
 - Please enter username and password.
 - You will then reach the second screen, which Welcomes the user and offers a logout button.
 - Clicking the logout button will sign the user out and redirect them back to the /login route.

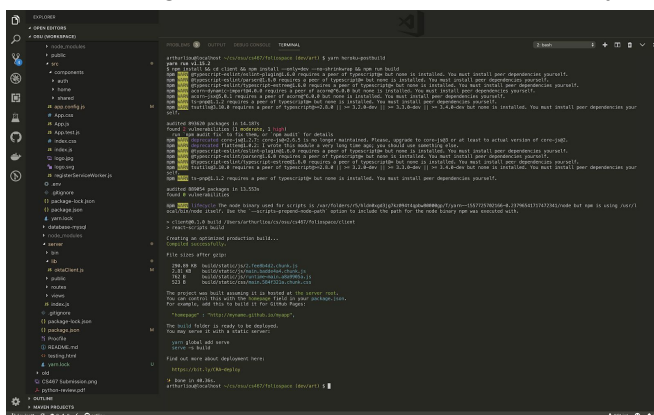


- Server and Routing Setup - See last bullet point Above
- Partial Deployment - While this is a work in progress and not entirely complete, it is very nearly ready and requires some debugging

Screenshots of Progress and Additional Notes

Successful Build Locally

This is important since it indicates our application should be ready for deployment, but we're running into issues even after Heroku says the deployment was successful.



Future: Updated OktaSignInWidget component that will contain a link for users to register an account.



Sign in

 Username 

 Password 

☐ Remember me

Sign in

Need help signing in?

Don't have an account? [Sign up](#)

Troubleshooting

- Error: When running yarn start, we sometimes ran into an “[0] Error: listen EADDRINUSE: address already in use :::3001” error, the fix is to run pkill node in your console in addition to making sure no other applications or terminal tabs are using localhost:3001
 - Fix: “pkill node”
 - “Long” Fix method below: Find the PID of the node server’s process and kill it.

```
arthurliou@localhost ~/cs/osu/cs467/foliospace (dev/arthur) $ [1] yarn client exited with code SIGINT
arthurliou@localhost ~/cs/osu/cs467/foliospace (dev/arthur) $ kill -9 PID
bash: kill: PID: arguments must be process or job IDs
arthurliou@localhost ~/cs/osu/cs467/foliospace (dev/arthur) $ ps aux | grep node
arthurliou 51912  8.5  1.3 6261516 226012  ??  S   6:51PM   2:42.45 /Applications/VS Code - Visual Studio Code.app/Contents/Frameworks/Code Helper.app/Contents/M
acOS/Code Helper --type=renderer --no-sandbox --service-pipe-token=F314A019E798DBFC0F15BBAF08DCAAD4 --lang=en-US --app-path=/Applications/VS Code - Visual Studio Code.app/C
ontents/Resources/app --node-integration=true --webview-tag=true --no-sandbox --background-color=#272822 --num-raster-threads=4 --enable-zero-copy --enable-gpu-memory-buffe
r-compositor-resources --enable-main-frame-before-activation --enable-compositor-image-animations --service-request-channel-token=F314A019E798DBFC0F15BBAF08DCAAD4 --rende
r-client-id=4
arthurliou 20864  0.0  0.1 4632048 13088  ??  S   7:00PM   0:01.57 /usr/local/bin/node /Users/arthurliou/cs/osu/cs467/foliospace/node_modules/.bin/nodemon serve
r/index.js
arthurliou 75542  0.0  0.0 4277164  700 s000 R+  6:30PM   0:00.00 grep node
arthurliou 73851  0.0  0.1 4579380 22968  ??  S   6:27PM   0:00.37 /usr/local/bin/node server/index.js
arthurliou 60421  0.0  0.2 5143728 29604  ??  S   6:05PM   0:01.84 /Applications/VS Code - Visual Studio Code.app/Contents/Frameworks/Code Helper.app/Contents/M
acOS/Code Helper /Applications/VS Code - Visual Studio Code.app/Contents/Resources/app/extensions/node_modules/typescript/lib/tscacheLocation.js --globalTypingsCacheLocati
on /Users/arthurliou/Library/Caches/typescript/3.4.3 --enableTelemetry --typesMapLocation /Applications/VS Code - Visual Studio Code.app/Contents/Resources/app/extensions/n
ode_modules/typescript/lib/typesMap.json
arthurliou 60412  0.0  0.2 5158740 40260  ??  S   6:05PM   0:01.84 /Applications/VS Code - Visual Studio Code.app/Contents/Frameworks/Code Helper.app/Contents/M
acOS/Code Helper /Users/arthurliou/.vscode/extensions/dbaumer.vscode-eslint-1.8.2/server/out/eslintServer.js --node-ipc --clientProcessId=51933
arthurliou 60409  0.0  0.6 5233596 92308  ??  S   6:05PM   0:07.16 /Applications/VS Code - Visual Studio Code.app/Contents/Frameworks/Code Helper.app/Contents/M
acOS/Code Helper /Applications/VS Code - Visual Studio Code.app/Contents/Resources/app/extensions/node_modules/typescript/lib/tsserver.js --useInferredProjectPerProjectRoot
--enableTelemetry --cancellationPipeName /var/folders/rs/hldn0xgd3jg7kz094t4qpbw80000pg/T/vscode-typescript/tscancellation-556515101642196ebb29.tmp* --globalPlugins @vsint
ellicode/typescript-intellicode-plugin --pluginProbeLocations /Users/arthurliou/.vscode/extensions/visualstudioexteam.vscodetellicode-1.1.6 --locale en --noGetErrorOnBack
groundUpdate
arthurliou 52786  0.0  0.2 5103444 31152  ??  S   5:52PM   0:00.88 /Applications/VS Code - Visual Studio Code.app/Contents/Frameworks/Code Helper.app/Contents/M
acOS/Code Helper /Applications/VS Code - Visual Studio Code.app/Contents/Resources/app/extensions/json-language-features/server/dist/jsonServerMain --node-ipc --clientProce
ssId=51933
arthurliou 52041  0.0  0.4 5281636 64424  ??  S   5:51PM   0:02.84 /Applications/VS Code - Visual Studio Code.app/Contents/Frameworks/Code Helper.app/Contents/M
acOS/Code Helper --type=renderer --no-sandbox --service-pipe-token=26139E4990822C7139F2E5AE41B09378 --lang=en-US --app-path=/Applications/VS Code - Visual Studio Code.app/C
ontents/Resources/app --node-integration=true --webview-tag=true --no-sandbox --background-color=#272822 --disable-blink-features=Auxclick --num-raster-threads=4 --enable-z
ero-copy --enable-gpu-memory-buffer-compositor-resources --enable-main-frame-before-activation --enable-compositor-image-animations --service-request-channel-token=26139E49
90822C7139F2E5AE41B09378 --renderer-client-id=6
arthurliou@localhost ~/cs/osu/cs467/foliospace (dev/arthur) $ kill -9 73851
arthurliou@localhost ~/cs/osu/cs467/foliospace (dev/arthur) $ yarn dev
yarn run v1.15.2
$ concurrently --kill-others-on-fail "yarn server" "yarn client"
$ nodemon server/index.js && node server/bin/www
$ cd client && yarn start
[0] [nodemon] 1.18.11
[0] [nodemon] to restart at any time, enter `rs`
[0] [nodemon] watching: *.*
[0] [nodemon] starting `node server/index.js`
$ react-scripts start
[0] Server listening on port 3001...
[1] Starting the development server...
[1]
[1] Compiled successfully!
[1]
[1] You can now view client in the browser.
[1]
[1] Local:      http://localhost:3000/
[1] On Your Network: http://10.10.1.213:3000/
[1]
[1] Note that the development build is not optimized.
[1] To create a production build, use yarn build.
[1]
```

APPENDIX

- Additional Passwords and keys to view our application.

Heroku Signin

Username: diasan@oregonstate.edu

Password: Capstone2!

Okta Signin

Username: artyliou@gmail.com

Password: Capstone2!

Okta Keys

Org URL: <https://dev-613949.okta.com>

Okta Token: 008A421hKQLXiXMkm2Uy81DE8LdMJe1W3-fGFcHzgi

Client ID: 0oajlmbbzsJN8t1Z356

References

- <https://www.fullstackreact.com/articles/using-create-react-app-with-a-server/>
- <https://malcoded.com/posts/react-file-upload/>
- <https://developer.okta.com/blog/2018/02/06/build-user-registration-with-node-react-and-okta>
- <https://developer.okta.com/blog/2017/03/30/react-okta-sign-in-widget>
- https://developer.okta.com/code/react/okta_react_sign-in_widget/
- <https://devcenter.heroku.com/articles/preparing-a-codebase-for-heroku-deployment>
- <https://devcenter.heroku.com/articles/getting-started-with-nodejs>
- <https://devcenter.heroku.com/categories/deploying-with-git>
- <https://devcenter.heroku.com/articles/getting-started-with-nodejs?singlepage=true>
- <https://devcenter.heroku.com/articles/heroku-cli>
- <https://github.com/mysqljs/mysql>
- [https://www.a2hosting.com/kb/developer-corner/mysql/connecting-to-mysql-using-node-j
s](https://www.a2hosting.com/kb/developer-corner/mysql/connecting-to-mysql-using-node-js)