Project Based Learning:

React

# Project Overview:

Understanding React Framework

# Installation:

* Have Node in your machine
* npm i -g [create-react-app@1.5.2](mailto:create-react-app@1.5.2)
* Add path to environment variables : C:\Users\mural\AppData\Roaming\npm

# Create first App

* Create-react-app helloworld
* npm start
* List objectives here

# ShortCuts

IMRC

CC

Control+D Multi Cursor

# Lessons Learned

If the Key and Value pair are same you can use like {KeyValue} instead of {KeyValue:KeyValue}

# PolyFill

Initially Joi-Browser didn’t work in IE 11 . I have added babel-polyfill in app.js which resolved the issue . Code Snippet below.

*import* React, { Component } *from* "react";

*import* "babel-polyfill";

# Using the [] Operator to access the json object.

For example if you have headers : {x-authtoken:value} You can access its value using headers[‘x-auth-token’] .

# Connect to Mongo DB Cluster

const MongoClient = require('mongodb').MongoClient;

const uri = "mongodb+srv://vidlyuser:<password>@saimuga-ejyqp.mongodb.net/test?retryWrites=true&w=majority";

const client = new MongoClient(uri, { useNewUrlParser: true });

client.connect(err => {

const collection = client.db("test").collection("devices");

// perform actions on the collection object

client.close();

});

# Deploying App on Heroku

# error: uncaughtException: not authorized on admin to execute command { listIndexes: "users", cursor: { }, $clusterTime: { clusterTime: 6739117512094384129, signature: { hash: [90 236 150 224 110 24 108 243 118 250 112 255 2 86 191 230 20 172 185 93], keyId: 6738860110409367552.000000 } }, lsid: { id: {4 [160 197 136 68 147 206 72 64 150 234 222 135 253 56 101 191]} } }

# Note : Remember to select node js version as 2.2 or later because version 3 will throw admin error.

# First go to your workspace base folder and run below command

# git init

# git add .

# git commit -m ‘Initial rollout’

# Git push Heroku master

# heroku open

# heroku logs

Set up the config using below command

heroku config:set vidly\_db="mongodb://vidlyuser:1234@saimuga-shard-00-00-ejyqp.mongodb.net:27017,saimuga-shard-00-01-ejyqp.mongodb.net:27017,saimuga-shard-00-02-ejyqp.mongodb.net:27017/test?ssl=true&replicaSet=saimuga-shard-0&authSource=admin&retryWrites=true&w=majority"

C:\node js workspace\vidlycompletefrommosh>heroku create saimuga

Creating ⬢ saimuga... done

https://saimuga.herokuapp.com/ | <https://git.heroku.com/saimuga.git>

You can push code from your local git repository to above Heroku git repository and release the changes to Heroku cloud. This is called continuous integration. Below is the command.

Git push Heroku master

You can open your app by using below command from your base project folder in your local.

Heroku open

**Application URL :**

<https://saimuga.herokuapp.com/api/genres>

**Running Build Pack :**

Firs create buildpack project in your Heroku site

heroku create --buildpack <https://github.com/mars/create-react-app-buildpack.git>

then push it to your master branch

git push heroku master

**Deployment :**

**mongodb://vidlyuser:12345@saimuga89-shard-00-00-zruhg.mongodb.net:27017,saimuga89-shard-00-01-zruhg.mongodb.net:27017,saimuga89-shard-00-02-zruhg.mongodb.net:27017/test?ssl=true&replicaSet=saimuga89-shard-0&authSource=admin&retryWrites=true&w=majority**

[**https://saimugaapi.herokuapp.com/**](https://saimugaapi.herokuapp.com/)

**WARNING: See https://github.com/lorenwest/node-config/wiki/Strict-Mode**

**(node:4) UnhandledPromiseRejectionWarning: MongoError: Cannot use (or request) retryable writes with limit=0**

**at Function.MongoError.create (/app/node\_modules/mongodb-core/lib/error.js:45:10)**

**at toError (/app/node\_modules/mongodb/lib/utils.js:149:22)**

**at /app/node\_modules/mongodb/lib/collection.js:1199:39**

**at self.s.replicaSetState.primary.(anonymous function) (/app/node\_modules/mongodb-core/lib/topologies/replset.js:1202:22)**

**at /app/node\_modules/mongodb-core/lib/connection/pool.js:541:18**

**at process.\_tickCallback (internal/process/next\_tick.js:61:11)**

**(node:4) UnhandledPromiseRejectionWarning: Unhandled promise rejection. This error originated either by throwing inside of an async function without a catch block, or by rejecting a promise which was not handled with .catch(). (rejection id: 1)**

**(node:4) [DEP0018] DeprecationWarning: Unhandled promise rejections are deprecated. In the future, promise rejections that are not handled will terminate the Node.js process with a non-zero exit code.**

**For the above error, change the connection string to below**

**heroku config:set vidly\_db="mongodb://vidlyuser:12345@saimuga89-shard-00-00-zruhg.mongodb.net:27017,saimuga89-shard-00-01-zruhg.mongodb.net:27017,saimuga89-shard-00-02-zruhg.mongodb.net:27017/test?ssl=true&replicaSet=saimuga89-shard-0&authSource=admin&w=majority"**

**C:\node js workspace\HerokuDeploymentFrontEnd\vidly>heroku create saimugamovierentalservice**

**Creating ⬢ saimugamovierentalservice... done**

**https://saimugamovierentalservice.herokuapp.com/ |** [**https://git.heroku.com/saimugamovierentalservice.git**](https://git.heroku.com/saimugamovierentalservice.git)

**C:\node js workspace\HerokuDeploymentFrontEnd\vidly>git push heroku master**

**remote: ! Your account muralikrishna2489@gmail.com does not have access to enigmatic-stream-78070.**

**fatal: unable to access 'https://git.heroku.com/enigmatic-stream-78070.git/': The requested URL returned error: 403**

**PS C:\node js workspace\HerokuDeploymentFrontEnd\vidly> heroku create saimugamovieparadise --buildpack** [**https://github.com/mars/create-react-app-buildpack**](https://github.com/mars/create-react-app-buildpack)

**Okta :**

**Client id : 0oa1ecq8uvbAgmkJR357**

[https://dev-731556-admin.okta.com](https://dev-731556-admin.okta.com/)

npm install @okta/okta-react react-router-dom --save

**To connect to a different Port use below**

"start": "set PORT=3006 && react-scripts start",