Middleware environment on MOC

Login the VM

```
ssh ubuntu@128.31.24.133
```

Install docker

Following instruction on this page:
https://docs.docker.com/install/linux/docker-ce/ubuntu/

Download/pull the repository

```
cd ~/projects
git clone git@github.com:hmdc/sid.git
cd sid
git pull
```

Install Node@10

```
sudo apt install curl
curl -sL https://deb.nodesource.com/setup_10.x | sudo -E bash -
sudo apt install nodejs
```

Start the application in docker

Start redis

```
docker run -itd -p 6379:6379 redis
```

Start mongodb

```
docker run -itd -p 27017:27017 -e MONGO_INITDB_ROOT_USERNAME=mongoadmin -e
MONGO_INITDB_ROOT_PASSWORD=secret mongo
```

`docker ps` : check the status for redis and mongo.

Import required Mongo files into mongo

```
cd ~/projects/sid

mongoimport -h localhost -u mongoadmin -p secret --db rce_database
--collection VMDs --type json --file ./limits.json --jsonArray
--authenticationDatabase admin

mongoimport -h localhost -u mongoadmin -p secret --db rce_database
--collection applications --type json --file ./applications.json
--jsonArray --authenticationDatabase admin
```

Install Nodejs dependencies

```
cd ~/projects/sid/

npm install
```

Run the sid worker(in background)

```
(nohup env BACKEND_ENV=development \
KUBERNETES_CA_CERT=$(base64 -w 0 ca.crt) \
KUBERNETES_URL=https://kubernetes.default.svc.sid-moc2.n-x.win:6443 \

KUBERNETES_TOKEN=eyJhbGciOiJSUzI1NiIsImtpZCI6Im82ci1xRC1LVjl3N1FhUzRsU0hCUj
ZFa2d2OUlEa3drd1pkWTY1dDVmalkifQ.eyJpc3MiOiJrdWJlcm5ldGVzL3NlcnZpY2VhY2NvdW
50Iiwia3ViZXJuZXRlcy5pby9zZXJ2aWNlYWNjb3VudC9uYW1lc3BhY2UiOiJkZWZhdWx0Iiwia
3ViZXJuZXRlcy5pby9zZXJ2aWNlYWNjb3VudC9zZWNyZXQubmFtZSI6InNpZC1qb2ItcnVubmVy
LXRva2VuLThkajl3Iiwia3ViZXJuZXRlcy5pby9zZXJ2aWNlYWNjb3VudC9zZXJ2aWNlLWFjY29
1bnQubmFtZSI6InNpZC1qb2ItcnVubmVyIiwia3ViZXJuZXRlcy5pby9zZXJ2aWNlYWNjb3VudC
9zZXJ2aWNlLWFjY291bnQudWlkIjoiMGU1ODhmMTUtZTMzMC00Y2YwLWFjOTgtMzljZTBmZDRmO
TUwIiwic3ViIjoic3lzdGVtOnNlcnZpY2VhY2NvdW50OmRlZmF1bHQ6c2lkLWpvYi1ydW5uZXIi
fQ.gL4tAYDaK5oAGkwJPLjn_jcTJ41fp5knCwocoG_eLpFpY3PylEZmaGBmDVxjOeUHE17lYEfw
xVBbN-2__DScrpK7Zgx1YUBPWZzy_GFac0JkTrAjPI4vCqQeKYkYVWvWxZFy8v-h3-EelKQMJJg
eQIv4FBxinclayxCAJkrZi1fwIMGMHDKhrz1Tz7FhExLo6Yaw7xSvr1lLjSqSwfyxS-MJmXCb1e
j0TSceaydC36_-1sMH72Se5qHVGQLHSm7a1fvNT7lFnDbWNQ7bTqXK1lYU_T4WVA4jeb9SaXfaN
W1Ly7eJi2OjmqeIkHYsLxt0Xa2W_JcYFKyYv962tchPMw \
 node worker/index.js &)
```

Run the frontend(in background)

```
(nohup sudo env \
GDRIVE_CLIENT_ID=abc \
GDRIVE_CLIENT_SECRET=xyz \
GDRIVE_CALLBACK_URL=https://development.sid.hmdc.harvard.edu/auth/storage/g
oogle/callback \
 DEBUG="*" \
 BACKEND_ENV=development \
 NODE_ENV=local \
 EXPRESS_SECRET=abc \
 serverBaseURLHarvardLogin='https://development.sid.hmdc.harvard.edu' \
 serviceURLHarvardLogin='https://development.sid.hmdc.harvard.edu/login' \
 ssoBaseURLHarvardLogin='https://casserver.herokuapp.com/cas' \
```

```
  USE_MOCK_CAS=1 \

MONGODB_URI='mongodb://mongoadmin:secret@localhost/rce_database?authSource=
admin' \
 ./node_modules/gulp/bin/gulp.js run &)
```

`ps -ef | grep sid` : Check frontend code